

AOS-W 3.4.2 MIB



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www.alcatel-lucent.com
26801 West Agoura Road
Calabasas, CA 91301

| | | |
|------------------|--------------------------------|-----------|
| Preface | An Overview of This Manual | 13 |
| | Contents | 13 |
| | Related Documents | 14 |
| | Text Conventions | 14 |
| | Frequently Used Acronyms | 15 |
| | Contacting Alcatel-Lucent | 17 |
| Chapter 1 | MIBs Overview | 19 |
| | MIBs | 19 |
| | SNMP | 20 |
| | Traps | 21 |
| Chapter 2 | Using MIBs | 23 |
| | Downloading MIB Files | 23 |
| | Monitoring WLAN Health | 23 |
| | Reading MIB Files | 28 |
| | SNMP File | 32 |
| | HP OpenView | 33 |
| | MIB Limitations | 33 |
| Chapter 3 | AP and AM | 35 |
| | wlsrEnterpriseMibModules | 37 |
| | wlsrConfigTable | 37 |
| | wlsrChannelStatsTable | 38 |
| | wlsrChannelRateStatsTable | 42 |
| | wlsrChannelDATypeStatsTable | 47 |
| | wlsrChannelFrameTypeStatsTable | 48 |
| | wlsrChannelPktSizeStatsTable | 50 |
| | wlsrStaStatsTable | 51 |
| | wlsrStaRateStatsTable | 57 |
| | wlsrStaDATypeStatsTable | 66 |
| | wlsrStaFrameTypeStatsTable | 68 |
| | wlsrStaPktSizeStatsTable | 71 |
| | wlsrAirMonitorApListTable | 74 |
| | wlsrTrapObjectsGroup | 76 |
| | wlsrTrapsGroup | 80 |
| Chapter 4 | Authentication | 89 |
| | wlsxAuthenticationServerTable | 90 |
| | wlsxPortalServerTable | 93 |
| | wlsxLdapServerStateTable | 95 |

| | | |
|-------------------|---------------------------------------|------------|
| Chapter 5 | Controller Transport Service | 97 |
| | wlsxCtsRequestTable | 98 |
| Chapter 6 | External Services Interface | 101 |
| | wlsxESIServerTable | 102 |
| Chapter 7 | IF External | 105 |
| | wlsxIfExtMIB | 105 |
| | wlsxIfExtPortTable | 106 |
| | wlsxIfExtVLANTable | 112 |
| | wlsxIfExtVLANMemberTable | 113 |
| | wlsxIfExtVLANInterfaceTable | 114 |
| Chapter 8 | Mesh | 119 |
| | wlsxMeshNodeTotal | 120 |
| | wlsxMeshNodeTable | 120 |
| Chapter 9 | Mobility | 123 |
| | wlsxMobilityDomainTable | 124 |
| | wlsxMobilityHomeAgentTable | 125 |
| | wlsxMobilityHostTable | 127 |
| | wlsxMobilityProxyStatsGroup | 129 |
| | wlsxMobilityProxyDHCPStats Group | 131 |
| | wlsxMobilityHARStats Group | 133 |
| | wlsxMobilityFAStats Group | 136 |
| | wlsxMobilityHAFARevocationStats Group | 138 |
| Chapter 10 | Monitor | 141 |
| | wlsxMonAPStatsTable | 143 |
| | wlsxMonAPRateStatsTable | 149 |
| | wlsxMonAPDATypeStatsTable | 155 |
| | wlsxMonAPFrameTypeStatsTable | 157 |
| | wlsxMonAPPktSizeStatsTable | 158 |
| | wlsxMonAPHTRateStatsTable | 159 |
| | wlsxMonStationStatsTable | 161 |
| | wlsxMonStaRateStatsTable | 167 |
| | wlsxMonStaDATypeStatsTable | 178 |
| | wlsxMonStaFrameTypeStatsTable | 180 |
| | wlsxMonStaPktSizeStatsTable | 183 |
| | wlsxMonAPIInfoTable | 186 |
| | wlsxMonStationInfoTable | 190 |
| | wlsxMonEventCountTable | 193 |
| | wlsxMonStationHTRateStatsTable | 194 |
| Chapter 11 | Signal Noise Ratio | 197 |
| | wlsxAPSnrTable | 198 |
| | wlsxStaSnrTable | 200 |
| | wlsxAPSnrBSSIDTable | 201 |

| | | |
|-------------------|----------------------------------|------------|
| | wlsxStaSnrPhyTable | 203 |
| Chapter 12 | Switch | 205 |
| | wlsxSystemXGroup | 206 |
| | wlsxSwitchListTable | 208 |
| | wlsxSwitchLicenseTable | 209 |
| | wlsxSysXProcessorTable | 211 |
| | wlsxSysXStorageTable | 212 |
| | wlsxSysXMemoryTable | 213 |
| | wlsxSwitchUserTable | 215 |
| | wlsxSwitchUser6Table | 218 |
| | wlsxSwitchStationMgmtTable | 222 |
| | wlsxSwitchStationStatsTable | 225 |
| | wlsxAccessPointInfoGroup | 227 |
| | wlsxSwitchAccessPointTable | 228 |
| | wlsxSwitchGlobalAPTable | 232 |
| | wlsxSwitchAccessPointStatsTable | 234 |
| | wlsxSwitchTraps Group | 238 |
| | Switch Traps–Notifications | 244 |
| | Platform Traps | 247 |
| | IPv6 Authentication Traps | 251 |
| Chapter 13 | System External | 253 |
| | wlsxSystemExtMIB | 254 |
| | wlsxSysExtProcessorTable | 258 |
| | wlsxSysExtStorageTable | 259 |
| | wlsxSysExtMemoryTable | 261 |
| | wlsxSysExtCardTable | 262 |
| | wlsxSysExtFanTable | 265 |
| | wlsxSysExtPowerSupplyTable | 266 |
| | wlsxSysExtSwitchListTable | 267 |
| | wlsxSysExtSwitchLicenseTable | 269 |
| | wlsxSysExtStorageTable | 271 |
| | wlsxSystemExtTableGenNumberGroup | 274 |
| Chapter 14 | Textual Conventions | 277 |
| Chapter 15 | Traps | 293 |
| | Trap Hierarchy | 293 |
| | Supported TRAP Information | 294 |
| Chapter 16 | User | 351 |
| | wlsxTotalNumOfUsers | 352 |
| | wlsxUserTable | 352 |
| | wlsxUserSessionTimeTable | 362 |
| | wlsxUserStatsGroup | 363 |

| | | |
|-------------------|--------------------------------|------------|
| Chapter 17 | User6 | 365 |
| | wlsxUser6AllInfoGroup | 366 |
| | wlsxUser6Table | 366 |
| | wlsxUser6SessionTimeTable | 375 |
| Chapter 18 | Voice | 377 |
| | wlsxVoiceCdrTotal | 379 |
| | wlsxVoiceCdrTable | 379 |
| | Voice Call Center Group | 384 |
| | wlsxVoiceClientTotal | 388 |
| | wlsxVoiceClientTable | 388 |
| | wlsxVoiceAPBssidTotal | 390 |
| | wlsxVoiceAPBssidTable | 390 |
| Chapter 19 | AMAP Protocol | 397 |
| | aipGMAPconfig | 398 |
| | aipGMAPTable | 400 |
| | aipAMAPconfig | 402 |
| | aipAMAPportConnectionTable | 404 |
| | aipAMAPhostsTable | 407 |
| | aipAMAPTraps-0 | 408 |
| | aipGMAPTraps-0 | 409 |
| Chapter 20 | WLAN | 411 |
| | wlsxWlanAPGroupTable | 414 |
| | wlsxWlanAPTable | 415 |
| | wlsxWlanRadioTable | 423 |
| | wlsxWlanAPBssidTable | 427 |
| | wlsxWlanESSIDTable | 432 |
| | wlsxWlanESSIDVLANPoolTable | 434 |
| | wlsxWlanStationTable | 435 |
| | wlsxWlanAPStatsTable | 439 |
| | wlsxWlanAPRateStatsTable | 446 |
| | wlsxWlanAPDATypeStatsTable | 470 |
| | wlsxWlanAPFrameTypeStatsTable | 472 |
| | wlsxWlanAPPktSizeStatsTable | 473 |
| | wlsxWlanAPChStatsTable | 475 |
| | wlsxWlanStationStatsTable | 481 |
| | wlsxWlanStaRateStatsTable | 488 |
| | wlsxWlanStaDATypeStatsTable | 498 |
| | wlsxWlanStaFrameTypeStatsTable | 499 |
| | wlsxWlanStaPktSizeStatsTable | 502 |
| Chapter 21 | SNMP MIBs Reference | 507 |

| | | |
|----------|---|-----|
| Table 1 | Text Conventions Used in this Manual | 14 |
| Table 2 | Frequently Used Acronyms | 15 |
| Table 3 | MIB Node Identification - Alcatel-Lucent and Alcatel enterprise nodes | 19 |
| Table 4 | MIB Keywords | 21 |
| Table 5 | Limitations and Constraints | 33 |
| Table 6 | AP Tables | 37 |
| Table 7 | wlsrConfigTable OIDs | 37 |
| Table 8 | wlsrChannelStatsTable OIDs | 38 |
| Table 9 | wlsrChannelRateStatsTable OIDs | 42 |
| Table 10 | wlsrChannelDATypeStatsTable OIDs | 47 |
| Table 11 | wlsrChannelFrameTypeStatsTable OIDs | 48 |
| Table 12 | wlsrChannelPktSizeStatsTable OIDs | 50 |
| Table 13 | wlsrStaStatsTable OIDs | 51 |
| Table 14 | wlsrStaRateStatsTable OIDs | 57 |
| Table 15 | wlsrStaDATypeStatsTable OIDs | 66 |
| Table 16 | wlsrStaFrameTypeStatsTable OIDs | 68 |
| Table 17 | wlsrStaPktSizeStatsTable OIDs | 71 |
| Table 18 | wlsrAirMonitorApListTable OIDs | 74 |
| Table 19 | wlsrTrapsGroup OIDs | 76 |
| Table 20 | wlsrTrapsGroup OIDs | 80 |
| Table 21 | Authentication MIB Tables | 90 |
| Table 22 | wlsxAuthenticationServerTable OIDs | 90 |
| Table 23 | wlsxPortalServerTable OIDs | 93 |
| Table 24 | wlsxLdapServerStateTable | 95 |
| Table 25 | CTS MIB Tables | 97 |
| Table 26 | wlsxCtsRequestTable OIDs | 98 |
| Table 27 | ESI MIB Tables | 101 |
| Table 28 | wlsxESIServerTable OIDs | 102 |
| Table 29 | IF EXT Tables | 105 |
| Table 30 | wlsxIfExtPortTable OIDs | 106 |
| Table 31 | wlsxIfExtVLANTable OIDs | 112 |
| Table 32 | wlsxIfExtVLANMemberTable OIDs | 113 |
| Table 33 | wlsxIfExtVLANInterfaceTable OIDs | 114 |
| Table 34 | Mesh MIB Tables | 119 |
| Table 35 | Mesh Node Table OIDs | 120 |
| Table 36 | Mobility Objects | 124 |
| Table 37 | wlsxMobilityDomainTable OIDs | 124 |
| Table 38 | wlsxMobilityHomeAgentTable OIDs | 125 |
| Table 39 | wlsxMobilityHostTable OIDs | 127 |
| Table 40 | wlsxMobilityProxyStats OIDs | 129 |
| Table 41 | wlsxMobilityProxyDHCPStats | 131 |
| Table 42 | wlsxMobilityHARStats OIDs | 133 |
| Table 43 | wlsxMobilityFAStats OIDs | 136 |
| Table 44 | wlsxMobilityHAFARevocationStats | 138 |

| | | |
|----------|---------------------------------------|-----|
| Table 45 | Monitor MIB Tables | 143 |
| Table 46 | wlsxMonApStatsTable OIDs | 143 |
| Table 47 | wlsxMonAPRateStatsTable OIDs | 149 |
| Table 48 | wlsxMonAPDTypeStatsTable OIDs | 155 |
| Table 49 | MonStationStats Table | 161 |
| Table 50 | wlsxMonStaRateStatsTable OIDs | 167 |
| Table 51 | MonStaDTypeStatsTable OIDs | 178 |
| Table 52 | MonStaFrameTypeStatsTable OIDs | 180 |
| Table 53 | wlsxMonStaPktSizeStatsTable OIDs | 183 |
| Table 54 | wlsxMonAPInfoTable OIDs | 186 |
| Table 55 | wlsxMonStationInfoTable OIDs | 190 |
| Table 56 | wlsxMonEventCountTable OIDs | 193 |
| Table 57 | wlsxMonStationHTRateStatsTable OIDs | 194 |
| Table 58 | SNR Tables | 198 |
| Table 59 | wlsxAPSnrTable OIDs | 198 |
| Table 60 | wlsxStaSnrTable OIDs | 200 |
| Table 61 | wlsxAPSnrBSSIDTable | 201 |
| Table 62 | wlsxStaSnrPhyTable OIDs | 203 |
| Table 63 | System X Group MIB Objects | 205 |
| Table 64 | wlsxSystemXGroup OIDs | 206 |
| Table 65 | wlsxSwitchListTable OIDs | 208 |
| Table 66 | wlsxSwitchLicenseTable OIDs | 209 |
| Table 67 | wlsxSysXProcessorTable OIDs | 211 |
| Table 68 | wlsxSysXStorageTable OIDs | 212 |
| Table 69 | wlsxSysXMemoryTable OIDs | 213 |
| Table 70 | wlsxSwitchUserTable OIDs | 215 |
| Table 71 | wlsxSwitchUser6Table OIDs | 218 |
| Table 72 | wlsxSwitchStationMgmtTable OIDs | 222 |
| Table 73 | wlsxSwitchStationStatsTable OIDs | 225 |
| Table 74 | wlsxAccessPointInfoGroup OIDs | 227 |
| Table 75 | wlsxSwitchAccessPointTable OIDs | 228 |
| Table 76 | wlsxSwitchGlobalAPTable OIDs | 232 |
| Table 77 | wlsxSwitchAccessPointStatsTable OIDs | 234 |
| Table 78 | wlsxSwitchTraps OIDs | 238 |
| Table 79 | Switch Trap Notification OIDs | 244 |
| Table 80 | System External Group Tables | 254 |
| Table 81 | wlsxSysExtProcessorTable OIDs | 258 |
| Table 82 | wlsxSysExtStorageTable OIDs | 259 |
| Table 83 | wlsxSysExtCardTable | 262 |
| Table 84 | wlsxSysExtFanTable OID | 265 |
| Table 85 | wlsxSysExtPowerSupplyTable | 266 |
| Table 86 | wlsxSysExtSwitchListTable OIDs | 267 |
| Table 87 | wlsxSysExtSwitchLicenseTable OIDs | 269 |
| Table 88 | wlsxSysExtStorageTable OIDs | 271 |
| Table 89 | wlsxSysExtMemoryTable OIDs | 273 |
| Table 90 | wlsxSystemExtTableGenNumberGroup OIDs | 274 |
| Table 91 | wlsxTraps Object Group OIDs | 295 |
| Table 92 | wlsx Trap Definitions Group OIDs | 314 |
| Table 93 | User MIB Tables | 351 |
| Table 94 | wlsxUserTable OIDs | 352 |

| | | |
|-----------|--|-----|
| Table 95 | wlsxUserSessionTimeTable OIDs | 362 |
| Table 96 | wlsxUserStatsGroup OIDs | 363 |
| Table 97 | User6 MIB Tables | 365 |
| Table 98 | wlsxUser6AllInfoGroup Objects | 366 |
| Table 99 | wlsxUser6SessionTimeTable OIDs | 375 |
| Table 100 | Voice MIB Objects | 378 |
| Table 101 | wlxs Voice CDR Table OIDs | 379 |
| Table 102 | Voice Call Center OIDs | 384 |
| Table 103 | wlsx Voice Client Table OIDs | 388 |
| Table 104 | wlsxVoiceAPBssidTable OIDs | 390 |
| Table 105 | alcatelIND1InterswitchProtocolMIB Objects and Tables | 398 |
| Table 106 | aipGMAPconfig OIDs | 398 |
| Table 107 | aipGMAPTable OIDs | 400 |
| Table 108 | aipAMAPconfig OIDs | 402 |
| Table 109 | aipAMAPportConnectionTable OIDs | 404 |
| Table 110 | aipAMAPhostsTable OIDs | 407 |
| Table 111 | aipAMAPTraps OIDs | 408 |
| Table 112 | aipGMAPTraps OIDs | 409 |
| Table 113 | WLAN MIB Tables | 413 |
| Table 114 | wlsxWlanMIB OIDs | 414 |
| Table 115 | wlsxWlanAPGroupTable OIDs | 414 |
| Table 116 | wlsxWlanAPTable OIDs | 415 |
| Table 117 | wlsxWlanRadioTable OIDs | 423 |
| Table 118 | wlsxWlanAPBssidTable OIDs | 427 |
| Table 119 | wlsxWlanESSIDTableOBJECT OIDs | 432 |
| Table 120 | wlsxWlanESSIDLANPoolTable OIDs | 434 |
| Table 121 | wlsxWlanStationTable OIDs | 435 |
| Table 122 | wlsxWlanAPStatsTable OIDs | 439 |
| Table 123 | wlsxWlanAPRateStatsTable OIDs | 446 |
| Table 124 | wlsxWlanAPDATypeStatsTable OIDs | 470 |
| Table 125 | wlsxWlanAPFrameTypeStatsTable OIDs | 472 |
| Table 126 | wlsxWlanAPPktSizeStatsTable OIDs | 473 |
| Table 127 | wlsxWlanAPChStatsTable OIDs | 475 |
| Table 128 | wlsxWlanStationStatsTable OIDs | 481 |
| Table 129 | wlsxWlanStaRateStatsTable OIDs | 488 |
| Table 130 | wlsxWlanStaDATypeStatsTable OIDs | 498 |
| Table 131 | wlsxWlanStaFrameTypeStatsTable OIDs | 499 |
| Table 132 | wlsxWlanStaPktSizeStatsTable OIDs | 502 |
| Table 133 | SNMP sysObjectIDs for Alcatel-Lucent products | 507 |
| Table 134 | SNMP OIDs for Alcatel-Lucent Enterprise MIB modules | 508 |
| Table 135 | SNMP OIDs for Alcatel AMAP MIB objects | 555 |

| | | |
|-----------|-------------------------------------|-----|
| Figure 1 | High-Level MIB Hierarchy | 20 |
| Figure 2 | CLI Interface | 24 |
| Figure 3 | Graphical User Interface | 24 |
| Figure 4 | CTS OIDs Relative to Alcatel-Lucent | 32 |
| Figure 5 | Access Point Air Module Hierarchy | 36 |
| Figure 6 | Authorization Hierarchy | 89 |
| Figure 7 | CTS MIB Hierarchy | 97 |
| Figure 8 | ESI Hierarchy | 101 |
| Figure 9 | IF EXT Hierarchy | 105 |
| Figure 10 | Mesh Hierarchy | 119 |
| Figure 11 | Mobility Hierarchy | 123 |
| Figure 12 | Monitor Hierarchy | 142 |
| Figure 13 | SNR Hierarchy | 197 |
| Figure 14 | Switch Hierarchy | 205 |
| Figure 15 | Stem Ext Hierarchy | 253 |
| Figure 16 | Trap Hierarchy | 293 |
| Figure 17 | User Hierarchy | 351 |
| Figure 18 | User6 Hierarchy | 365 |
| Figure 19 | Voice Hierarchy | 378 |
| Figure 20 | AMAP Hierarchy | 397 |
| Figure 21 | WLAN Hierarchy | 412 |

An Overview of This Manual

This manual is for network administrators and operators responsible for managing the Alcatel-Lucent .

Contents

This manual provides information about AOS-W MIBs. Unless otherwise stated in the following table, each chapter provides information about the hierarchy, OIDs, and descriptions of the statistical information the MIBs provide.

| Chapter | Contents |
|---|---|
| Chapter 1 MIBs Overview | Introductory information about AOS-W MIBs—hierarchy, relationship with SNMP, and Traps. |
| Chapter 2 Using MIBs | Information and tips about MIB files. |
| Chapter 3 AP and AM | Information about access points (AP) and air monitors (AM). |
| Chapter 4 Authentication | Information about authorization—network access. |
| Chapter 5 Controller Transport Service | Information about the Controller Transport Service (CTS)—synchronization of database and data sections. |
| Chapter 6 External Services Interface | Information about the ESI module of wireless management— redirecting traffic to filter or other network appliances. |
| Chapter 7 IF External | Information about interfaces—physical ports, configured VLANs, port memberships. |
| Chapter 8 Mesh | Information about Mesh topology. |
| Chapter 9 Mobility | Information about the AOS-W subsystem—roaming agents. |
| Chapter 10 Monitor | Information about monitoring network traffic—transfer rate, errors, and so on. |
| Chapter 11 Signal Noise Ratio | Information about signal quality and packets—signal strength, number of packets. |
| Chapter 12 Switch | Information about switches, including storage and memory utilization, and the wireless stations associated with the access points. |
| Chapter 13 System External | Information about the utilization of system resources. |
| Chapter 14 Textual Conventions | Information about Textual Conventions (TC), which define many of the data formats used for Alcatel-Lucent object types. TCs do not have OIDs. |

| Chapter | Contents |
|--------------------------------------|--|
| Chapter 15 Traps | Descriptions of traps, information that is delivered when an event occurs. |
| Chapter 16 User | Information about users—parties connected to the switch. |
| Chapter 17 User6 | Information about IPv6 users—parties connected to the switch that are using IPv6 |
| Chapter 18 Voice | Information about Voice over IP—call status and call details. |
| Chapter 20 WLAN | Information about wide local area network (WLAN). |
| Chapter 19 AMAP Protocol | Information about the Alcatel AMAP and GMAP protocols. |
| Chapter 21 SNMP MIBs Reference | Reference—list of SNMP MIBs and associated OIDs. |

Related Documents

The following items are part of the complete documentation for the AOS-W 3.4 Software:

- *Alcatel-Lucent AOS-W 3.4 Quick Start Guide*
- *Alcatel-Lucent AOS-W 3.4 User Guide*
- *Alcatel-Lucent AOS-W 3.4 CLI Reference Guide*
- *Alcatel-Lucent AOS-W 3.4 Software Upgrade Guide*
- *Alcatel-Lucent AOS-W 3.4 Release Notes*

Text Conventions

Table 1 presents the conventions used throughout this manual to emphasize important concepts:

Table 1 *Text Conventions Used in this Manual*

| Type Style | Description |
|---------------------------|--|
| <i>Italics</i> | This style is used to emphasize important terms and to mark the titles of books. |
| <code>System items</code> | This fixed-width font depicts the following: Sample screen output, System prompts, Filenames, software devices, and certain commands when mentioned in the text. |
| Commands | In the command examples, this bold font depicts text that the user must type exactly as shown. |

Frequently Used Acronyms

Table 2 defines frequently used acronyms.

Table 2 *Frequently Used Acronyms*

| Acronym | Definition |
|---------|---|
| 3DES | Triple DES |
| ACL | Access Control List |
| ADP | AOS-W Discovery Protocol |
| AM | Air Monitor |
| AP | Access Point |
| ARM | Adaptive Radio Management |
| BSSID | Basic Service Set Identifier |
| CA | Certificate Authority |
| CAC | Call Admission Control |
| CHAP | Challenge Handshake Authentication Protocol |
| CLI | Command Line Interface |
| CRL | Certificate Revocation List |
| CSA | Channel Switch Announcement |
| CSR | Certificate Signing Request |
| CW | Contention Window |
| DA | Destination Address |
| DES | Data Encryption Standard |
| DHCP | Dynamic Host Configuration Protocol |
| DNS | Domain Name Service |
| DOS | Denial of Service |
| DPD | Dead Peer Detection |
| DSS | Direct Spread Spectrum |
| EAP | Extensible Authentication Protocol |
| EDCA | Enhanced Distributed Channel Access |
| EIRP | Effective Isotropic Radiated Power |
| ESI | External Services Interface |
| ESSID | Extended Service Set Identifier |
| GRE | Generic Routing Encapsulation |
| GUI | Graphical User Interface |
| HAT | Home Agent Table |
| HT | High Throughput |
| IAS | Internet Authentication Service |

Table 2 *Frequently Used Acronyms (Continued)*

| Acronym | Definition |
|---------|---|
| IDS | Intrusion Detection System |
| IGMP | Internet Group Management Protocol |
| IKE | Internet Key Exchange |
| IP | Internet Protocol |
| IV | Initialization Vectors |
| kB | Kilobyte |
| LAN | Local Area Network |
| LDAP | Lightweight Directory Access Protocol |
| LI | Listening Interval |
| MAC | Media Access Control |
| MB | Megabyte |
| MCHAP | Microsoft Challenge Handshake Authentication Protocol |
| MIB | Management Information Base |
| NAS | Network Address Server |
| NAT | Network Address Translation |
| NIC | Network Interface Card |
| NTP | Network Time Protocol |
| OFDM | Orthogonal Frequency Division Multiplexing |
| OID | Object Identifier |
| OUI | Organizational Unit Identifier |
| PAP | Password Authentication Protocol |
| PEAP | Protected EAP |
| PEF | Policy Enforcement Firewall |
| PIN | Personal Identification Number |
| PoE | Power over Ethernet |
| PPTP | Point-to-Point Tunneling Protocol |
| PSK | Pre-Shared Key |
| QoS | Quality of Service |
| RADIUS | Remote Authentication Dial In User Service |
| RAP | Remote Access Point |
| RF | Radio Frequency |
| RMON | Remote Monitor |
| RSA | Rivest-Shamir-Aldeman (encryption algorithm) |
| SIP | Session Initiation Protocol |

Table 2 *Frequently Used Acronyms (Continued)*

| Acronym | Definition |
|---------|--|
| SNMP | Simple Network Management Protocol |
| SSH | Secure Shell |
| SSID | Service Set Identifier |
| TIM | Traffic Indication Map |
| TLS | Transport Layer Security |
| ToS | Type of Service |
| TSPEC | Traffic Specification |
| VLAN | Virtual Local Area Network |
| VoIP | Voice over IP |
| VPN | Virtual Private Network |
| VRRP | Virtual Router Redundancy Protocol |
| VSA | Vendor Specific Attributes |
| WEP | Wired Equivalent Protocol |
| WINS | Windows Internet Naming Service |
| WLAN | Wireless Local Area Network |
| WMM | Wireless MultiMedia / Wi-Fi Multimedia |
| WMS | WLAN Management System |
| WPA | Wi-Fi Protected Access |

Contacting Alcatel-Lucent

| Web Site Support | |
|------------------|---|
| Main Site | http://www.alcatel-lucent.com/enterprise |
| Support Site | https://service.esd.alcatel-lucent.com |
| Support Email | esd.support@alcatel-lucent.com |

| Telephone Support | |
|-------------------|---------------------|
| North America | 1-800-995-2696 |
| Latin America | 1-877-919-9526 |
| Europe | +33 (0) 38 855 6929 |
| Asia Pacific | +65 6240 8484 |
| Worldwide | 1-818-878-4507 |

This chapter provides an overview of the AOS-W Enterprise MIBs in the following sections:

- MIBs
- SNMP
- Traps

MIBs

A Management Information Base (MIB) is a virtual database that contains information that is used for network management. Each managed device contains MIBs that define the properties of that device. A separate MIB is provided for each defined property, such as the group of physical ports that are assigned to a VLAN or the statistical data of packets that are transferred at a specific rate.

MIB objects, such as a MIB table or a specific element of data in a MIB table, are identified with Object Identifiers (OIDs). The OIDs are designated by text strings and integer sequences. For example, *Alcatel-Lucent* and *1.3.6.1.4.1.14832* both represent the private enterprise node *Aruba*, as shown in [Figure 1 on page 20](#).

Alcatel-Lucent is the parent of most of the proprietary MIBs that are supported on Alcatel-Lucent OAW WLAN Switches.

sysObjectIDs for the Alcatel-Lucent OAW switches are allocated from the Alcatel-Lucent MIB tree. *Alcatel-Lucent (1.3.6.1.4.1.6486)* is also the parent of the Alcatel-Lucent proprietary AMAP protocol MIB (see [Chapter 19, “AMAP Protocol” on page 397](#)).

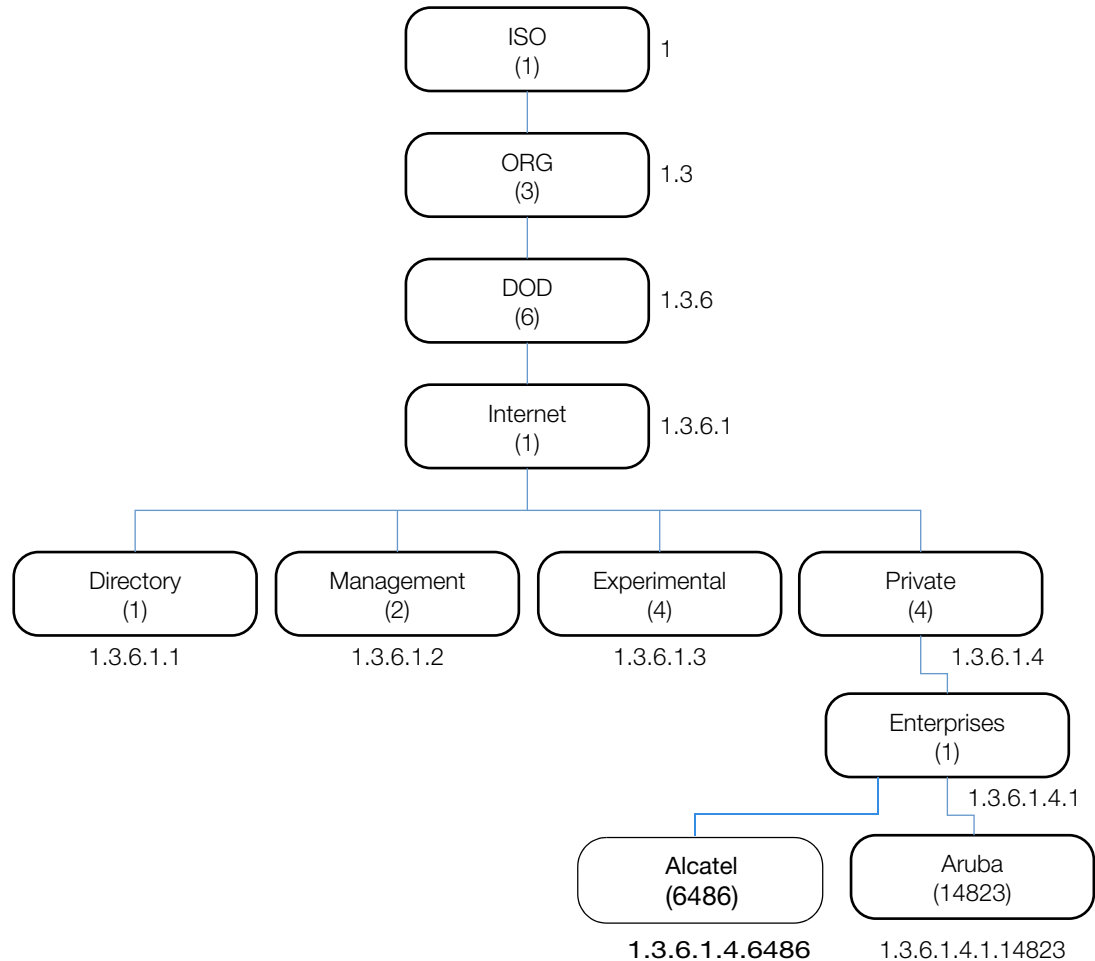
The numerical string lists the nodes of the Alcatel-Lucent or Alcatel-Lucententerprise MIB hierarchies, as shown in [Table 3](#).

Table 3 MIB Node Identification - Alcatel-Lucent and Alcatel enterprise nodes

| Integer | String | Name |
|---------------------|-------------------|----------------|
| 1 | 1 | OSI |
| 3 | 1.3 | ORG |
| 6 | 1.3.6 | DOD |
| 1 | 1.3.6.1 | Internet |
| 4 | 1.3.6.1.4 | Private |
| 1 | 1.3.6.1.4.1 | Enterprise |
| 14832 or 6486 | 1.3.6.1.4.1.14832 | Alcatel-Lucent |
| | 1.3.6.1.4.1.6486 | Alcatel-Lucent |

[Figure 1](#) illustrates the high-level hierarchy of the MIBs. This document only covers the enterprise MIBs, objects designed to specifically support Alcatel-Lucent devices. Standard MIBs are not covered.

Figure 1 High-Level MIB Hierarchy



MIB is one of the elements of Simple Network Management Protocol (SNMP), which is used to manage network devices. To deliver information between devices, every object referred to in an SNMP message must be listed in the MIB. If a component of a device is not described in a MIB, that component cannot be recognized by SNMP—there is no information for SNMP managers and SNMP agents to exchange.

The information provided by a MIB is a file that describes network elements with numerical strings. This information is compiled into readable text by the SNMP manager. For information about reading MIB text files, see [Reading MIB Files on page 28](#).

SNMP

Three significant elements of SNMP are Managers, Agents, and MIBs.

- Managers (software application) are consoles that are used to communicate with and manage devices that support SNMP Agents. Managers collect information by polling Agents. Managers can also be used to send configuration updates or send controlling requests to actively manage a network device.
- Agents (software application) provide information from the network devices to the Managers. Network devices include workstations, routers, microwave radios, and other network components.
- MIBs are used for communication between the Managers and the Agents. The OIDs of the MIBs enable the Managers and Agents to communicate specific data requests and data returns.

- To ensure functionality with SNMP, MIB objects must be defined with the proper *keywords*, as shown in [Table 4](#).

AOS-W Enterprise MIBs support SNMPv1, SNMPv2, and SNMPv3.

Table 4 MIB Keywords

| Keyword | Description |
|--------------------|---|
| Sequence | The sequence of objects of the MIB. This keyword is used mostly with entry MIB objects to list the MIB objects that exchange information. |
| Syntax | Textual conventions, such as <i>Integer32</i> . |
| Max-Access | Defines the object accessibility: <i>read-only</i> : can be retrieved but not modified <i>read-write</i> : can be retrieved and modified <i>not-accessible</i> : cannot be retrieved; it is for internal (device) use only <i>accessible-for-notify</i> : can be retrieved when a trap message (notification) is sent |
| Status | Defines the status of the object: <i>current</i> : up to date <i>deprecated</i> : rolled back to a previous version |
| Description | A text string that describes the object. |



History may be included in some MIB tables—it lists in which AOS-W release the MIB was updated or otherwise changed.

Traps

An event is a change on a network device, such as a change in value that crosses threshold. Some events are categorized as alarms, other events only provide information. When an event occurs on a network device, SNMP notifications are sent out as traps or information requests.

- Traps are unconfirmed notifications—the receiver does not acknowledge to the sender that the information was received.
- Inform requests are confirmed notifications—the receiver acknowledges to the sender that the information was received.

Following are descriptions of trap types.

- **Discrete Alarm Inputs**
 These traps, also known as digital inputs or contact closures, are used for monitoring equipment failures, intrusion alarms, beacons, and flood and fire detectors.
- **Analog Alarm Inputs**
 Analog alarms measure characteristics that can affect equipment performance—variable levels of voltage or current, temperature, humidity, and pressure.
- **Ping Alarms**
 Ping alarms are used to ping network devices at regular intervals. If a device fails to respond, an alarm (SNMP trap) will be sent.
- **Control Relays**
 Relay outputs enable operating remote site equipment.

- Terminal Server Function

The terminal server function enables connection to remote-site serial devices. For example, device connection to serial ports enables telnet access via LAN.

AOS-W traps are described in the following chapter and sections.

- [Chapter 15, “Traps” on page 293](#)
- [wlsrTrapObjectsGroup on page 76](#)
- [wlsrTrapsGroup on page 80](#)
- [wlsxSwitchTraps Group on page 238](#)
- [Switch Traps–Notifications on page 244](#)
- [Platform Traps on page 247](#)
- [IPv6 Authentication Traps on page 251](#)

Alcatel-Lucent AMAP/GMAP are described in the following sections:

- [aipAMAPTraps-0 on page 408](#)
- [aipGMAPTraps-0 on page 409](#)

This chapter provides information on and examples of using MIBs.

- [Downloading MIB Files](#)
- [Monitoring WLAN Health](#)
- [Reading MIB Files](#)
- [SNMP File](#)
- [HP OpenView](#)
- [MIB Limitations](#)

Downloading MIB Files

The most recent Alcatel-LucentMIB files are available for registered customers at

<https://service.esd.alcatel-lucent.com>

For assistance to set up an account and access files, please contact customer service. See [Contacting Alcatel-Lucent](#) on page 17.

Monitoring WLAN Health

This section lists SNMP MIBs that are frequently used to run health checks on Alcatel-Lucent devices, which can be performed through a MIB browser application. To retrieve information from a MIB, the following information is required:

- SNMP version
- SNMP community name—*public* or *private*
- The IP Address of the Alcatel-Lucent WLAN Switch
- The OID of the MIB

In addition, the MIB files must be available for the application to access and placed in the appropriate disk location. If MIB files need to be acquired, see [Downloading MIB Files](#), above.

It is assumed that the workstation is connected to the Alcatel-Lucent switch and that a MIB browser is available. For most applications, the *root* of the MIB must be included in the OID—the OID begins with a decimal point as shown below.

```
.1.3.6.1.4.1.14823.2.2.1.1.2.1
```

MIB Browsers

If using an application that is run through CLI (a *cmd* window), the command would resemble the following:

```
snmpget -v 2c -c <snmp community name> <switch IP address><MIB OID>
```

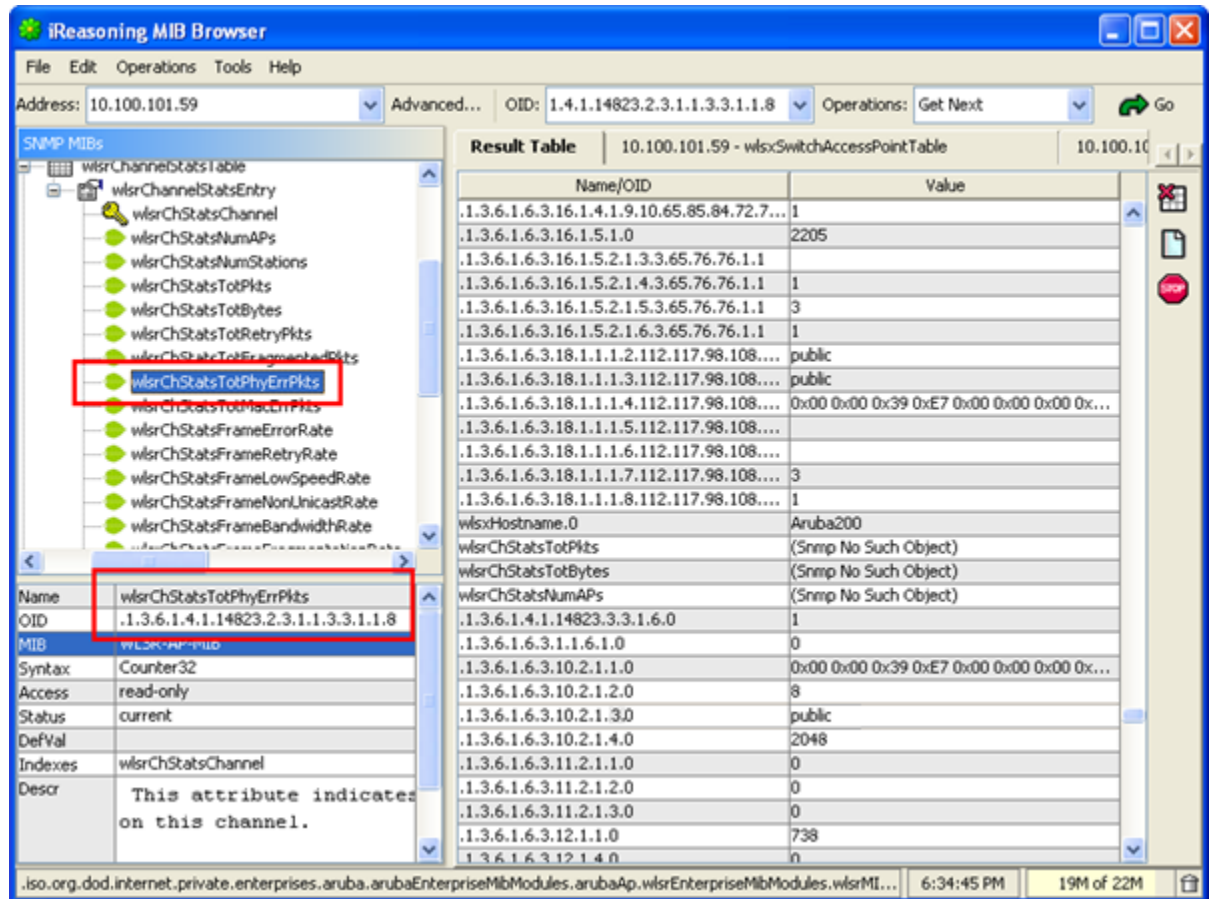
[Figure 2](#) shows an example of submitting a command to obtain information.

Figure 2 CLI Interface

```
C:\usr\bin>snmpget -v 2c -c public 10.100.101.59 .1.3.6.1.4.1.14823.2.2.1.1.1.1
WLSX-SWITCH-MIB:wlsxHostName = GLOBALS: Aruba200
```

Figure 3 shows how information may be obtained through a graphical user interface (GUI). The user interface and the available features vary by application.

Figure 3 Graphical User Interface



WLAN Health Information

This section lists frequently used MIBs for system health checks. Examples of executing a command via CLI are also provided. Health check information can be acquired through other MIB browsers, as described in [MIB Browsers on page 23](#)

- Number of Current Authentications per AP
- Number of Current APs per Switch
- Number of Down APs per Switch
- Number of Successful 802.1x Authentications
- Number of Rogue APs per Switch—Count per Building
- Number of Interfering APs per Switch
- Noise Level per AP
- Frame Retry Rate per AP Channel
- Frame Low-Speed Rate per AP Channel
- Frame Receive Errors per AP Channel
- Total Current Channel Bandwidth (kbps) per AP
- Tx Packets per AP BSSID (32-bit counter)
- Tx Bytes per AP BSSID (32-bit counter)
- Rx Packets per AP BSSID (32-bit counter)

- AP Information from Master Switch
- Information from Any AP
- Frame Retry Rate per AP BSSID
- Frame Low-Speed Rate per AP BSSID
- Frame Receive Error Rate per AP BSSID
- Rx Bytes per AP BSSID (32-bit counter)
- Total Bandwidth per AP BSSID (kbps)
- Free Memory
- SNR of Wireless Devices per AP
- SNR of APs

Number of Current Authentications per AP

wlsxSwitchUserTable .1.3.6.1.4.1.14823.2.2.1.1.2.1

```
snmpwalk -v 2c -m ALL -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.1 | grep -c <AP Location ID x.y.z>
```

Number of Current APs per Switch

wlsxSwitchTotalNumAccessPoints .1.3.6.1.4.1.14823.2.2.1.1.3.1

```
snmpget -v 2c -m ALL -c <SNMP community string> <Local switch IP>
.1.3.6.1.4.1.14823.2.2.1.1.3.1
```

Number of Down APs per Switch

globalAPState .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6

```
snmpwalk -v 2c -m ALL -c <snmp community name> <Master switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6 | grep -c 'INTEGER: 2'
```

Number of Successful 802.1x Authentications

wlsxSwitchUserTable .1.3.6.1.4.1.14823.2.2.1.1.2.1

To list the current dot1x users, enter:

```
snmpwalk -v 2c -m ALL -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.1 | grep -c "<dot1x>"
```

Number of Rogue APs per Switch—Count per Building

wlsrAmRAPType .1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6

```
snmpwalk -v 2c -m ALL -c <snmp community name> <AP IP addr>
.1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6 | grep -c "unsecure"
```

Number of Interfering APs per Switch

wlsrAmRAPType .1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6

```
snmpwalk -v 2c -m ALL -c <snmp community name> <AP IP addr>
.1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6 | grep -c "interfering"
```

Noise Level per AP

apChannelNoise .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13 | grep "<ap bssid in decimal format>"
```

AP Information from Master Switch

wlswSwitchGlobalAPTable .1.3.6.1.4.1.14823.2.2.1.1.3.4

The following command retrieves the BSSIDs and local switch IP of each AP.

```
snmpwalk -v 2c -m ALL -c <snmp community name> <Master switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.4
```

Information from Any AP

wlswStatsChannelGroup .1.3.6.1.4.1.14823.2.3.1.1.3.3

The following information can be retrieved from an AP:

Current configuration of SSID, Mode, Current Channel, Tx-Power, RTS Threshold, Retry Limit, Preamble, Beacon Interval, Power Mgmt, Load Balance, Supported Rates, DTIM Period, LMS Address, Encryption, Status, Ageout, MTU, Location, Hide SSID, Deny Broadcast, BG mode, Radio Chipset, Regulatory Domain, Country Code, and Tx Rates.

```
snmpwalk -v 2c -m ALL -c <snmp community name> <AP IP addr>
.1.3.6.1.4.1.14823.2.3.1.1.1.1
```

Frame Retry Rate per AP BSSID

apBSSFrameRetryRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13 | grep "<ap bssid in decimal format>"
```

Frame Low-Speed Rate per AP BSSID

apBSSFrameLowSpeedRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14 | grep "<ap bssid in decimal format>"
```

Frame Receive Error Rate per AP BSSID

apBSSFrameReceiveErrorRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17 | grep "<ap bssid in decimal format>"
```

Frame Retry Rate per AP Channel

apChannelFrameRetryRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3 | grep "<ap bssid in decimal format>"
```

Frame Low-Speed Rate per AP Channel

apChannelFrameLowSpeedRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4 | grep "<ap bssid in decimal format>"
```

Frame Receive Errors per AP Channel

This information is available from any Alcatel-Lucent switch.

apChannelFrameReceiveErrorRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7 | grep "<ap bssid in decimal format>"
```

Total Current Channel Bandwidth (kbps) per AP

apChannelBwRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2 | grep "<ap bssid in decimal format>"
```

Tx Packets per AP BSSID (32-bit counter)

apBSSTxPackets .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8 | grep "<ap bssid in decimal format>"
```

Tx Bytes per AP BSSID (32-bit counter)

apBSSTxBytes .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9 | grep "<ap bssid in decimal format>"
```

Rx Packets per AP BSSID (32-bit counter)

apBSRxBPackets .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10 | grep "<ap bssid in decimal format>"
```

Rx Bytes per AP BSSID (32-bit counter)

apBSSRxBytes .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11 | grep "<ap bssid in decimal format>"
```

Total Bandwidth per AP BSSID (kbps)

apBSSBwRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12 | grep "<ap bssid in decimal format>"
```

Free Memory

sysXMemoryFree .1.3.6.1.4.1.14823.2.2.1.1.11.1.4

```
snmpget -v 2c -m ALL -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.11.1.4.1
```

SNR of Wireless Devices per AP

staSignalToNoiseRatio .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7 | grep "<ap bssid in decimal format>"
```

SNR of APs

apSignalToNoiseRatio .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14

```
snmpwalk -v 2c -c <snmp community name> <switch IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14 | grep "<ap bssid in decimal format>"
```

Reading MIB Files

This section describes how to interpret the basic components of a MIB file. To determine the OIDs, viewing the file `snmp.h` may be necessary, which is described in [SNMP File on page 32](#). For additional information about MIB files, see [MIBs on page 19](#). For a listing of SNMP MIB OIDs, see [Chapter 21, “SNMP MIBs Reference” on page 507](#).

MIB files describe a specific component of a network device. The files are numerical strings that are converted to ASCII text by the compiler of the SNMP manager. A word processor or text editor can be used to open the ASCII file. The contents of an example AOS-W enterprise MIB file, *aruba-cts.my*, are described below.

Opening Line

Following is the opening line, the beginning of the MIB file.

```
WLSX-CTS-MIB DEFINITIONS ::= BEGIN
```

Imports

The `Imports` section lists the objects that are defined in external ASN.1 files and are used in the current MIB file.

```
IMPORTS
    TEXTUAL-CONVENTION,
    MODULE-IDENTITY,
    OBJECT-TYPE,
    snmpModules,
    Integer32,
    Unsigned32,
    Counter32,
    IPAddress,
    NOTIFICATION-TYPE
    FROM SNMPv2-SMI

    TDomain,
    DisplayString,
    PhysAddress,
    TAddress,
    TimeInterval,
    RowStatus,
    StorageType,
    TestAndIncr,
    MacAddress,
    TruthValue
    FROM SNMPv2-TC

    OBJECT-GROUP
    FROM SNMPv2-CONF
```

Inheritance

This section shows the vendor of the MIB and the inheritance, and provides an overall description.

A significant part of inheritance is the OID. The entire OID is not listed for each MIB object—instead, the parent of the object is shown. The tree for the CTS MIB is illustrated in [Figure 4 on page 32](#). The OID can be determined from the parent object as follows.

`wlsxEnterpriseMibModules` is the parent object of the CTS MIB—its OID is 1.3.6.1.4.1.14823.2.2.1.

`wlsxCtsMIB MODULE-IDENTITY` shows `wlsxEnterpriseMibModules 11`, which indicates 11 is appended to the OID of `wlsxEnterpriseMibModules`. The resultant OID is 1.3.6.1.4.1.14823.2.2.1.11.

`wlsxCtsOpGroup OBJECT IDENTIFIER ::= { wlsxCtsMIB 1 }` indicates the OID is 1.3.6.1.4.1.14823.2.2.1.11.1.

`wlsxCtsRequestTable OBJECT-TYPE` shows `wlsxCtsOpGroup 1`, which indicates the OID is 1.3.6.1.4.1.14823.2.2.1.11.1.1.

All MIBs and their related OIDs are listed in the `snmp` file of AOS-W. For more information, see [SNMP File on page 32](#).

```
wlsxEnterpriseMibModules
FROM ARUBA-MIB;
```

Identity

Identify is the opening description of the MIB. The information includes contact information for the vendor and a general description of the MIB.

```
wlsxCtsMIB MODULE-IDENTITY
    LAST-UPDATED "0609240301Z"
    ORGANIZATION "Alcatel-Lucent Wireless Networks"
    CONTACT-INFO
        "Postal:      1322 Crossman Avenue
                Sunnyvale, CA 94089
        E-mail:      dl-support@arubanetworks.com
        Phone:      +1 408 227 4500"
    DESCRIPTION
        "This MIB module defines MIB objects which provide
        information about the Controller Transport Service (Cts) in the
        Alcatel-Lucent controller."
    REVISION      "0609240301Z"
    DESCRIPTION
        "The initial revision."
    ::= { wlsxEnterpriseMibModules 11 }
```

MIB Modules

MIB objects can be placed in logical groups, [Group](#) and [Table](#). One MIB file can consist of multiple groups. A group typically contains at least one table. The table lists the MIB objects that contain the information that is exchanged.

The first object of a table is an [Entry](#). The keyword [SEQUENCE](#) lists the objects of the table that contain device information. Each subsequent object ([Informative MIB Objects](#)) inherits the OID of the Entry, and contains information sorted by keywords: Syntax, Access, Status, Description. For details about keywords, see [MIBs on page 19](#).

The OID of the Entry is `wlsxCtsRequestEntry` is `wlsxCtsRequestTable 1`, which represents `1.3.6.1.4.1.14823.2.2.1.11.1.1.1`. The OIDs of the subsequent objects of this table are appended increments of the Entry OID. For example, the OID of `wlsxCtsIndex` is `wlsxCtsRequestEntry 1`, which represents `1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1`.

Group

```
wlsxCtsOpGroup      OBJECT IDENTIFIER ::= { wlsxCtsMIB 1 }
```

Table

```
wlsxCtsRequestTable OBJECT-TYPE
    SYNTAXSEQUENCE OF WlsxCtsRequestEntry
    MAX-ACCESSnot-accessible
    STATUScurrent
    DESCRIPTION
        "
        "
    ::= { wlsxCtsOpGroup 1 }
```

Entry

```
wlsxCtsRequestEntry OBJECT-TYPE
    SYNTAX WlsxCtsRequestEntry
    MAX-ACCESS not-accessible
    STATUS current
```

```

DESCRIPTION
" "
INDEX { wlsxCtsIndex }
 ::= { wlsxCtsRequestTable 1 }

```

```

WlsxCtsRequestEntry ::=
SEQUENCE
{
wlsxCtsIndexInteger32,
wlsxCtsOpcodeDisplayString,
wlsxCtsCookieDisplayString,
wlsxCtsURLOnlyDisplayString,
wlsxCtsFlagsBITS,
wlsxCtsStatusRowStatus
}

```

Informative MIB Objects

```

wlsxCtsIndex OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
"
CTS transport index
0 - Config Sync
1 - Counters Sync
2 - RF Plan Sync
"
 ::= { wlsxCtsRequestEntry 1 }

```

```

wlsxCtsOpcode OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"
CTS operation opcode
"
 ::= { wlsxCtsRequestEntry 2 }

```

```

wlsxCtsStatus OBJECT-TYPE
SYNTAX RowStatus
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"
CTS row status
"
 ::= { wlsxCtsRequestEntry 6 }

```

Closing Line

Following is the closing line—the end of the MIBs file.

```

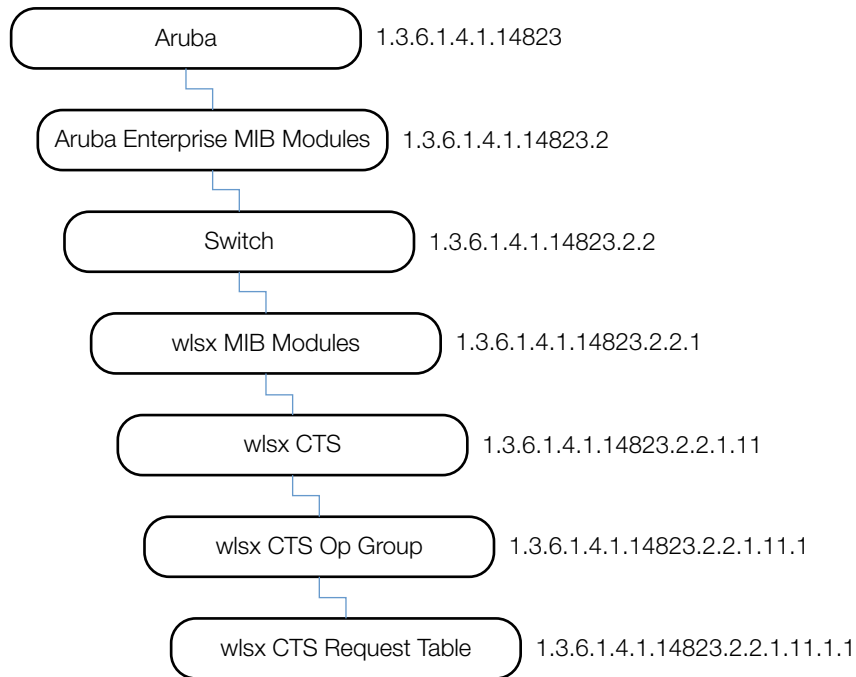
END

```

OID Flow Chart

Figure 4 illustrates the tree of the CTS MIB, relative to the Alcatel-Lucent MIB.

Figure 4 CTS OIDs Relative to Alcatel-Lucent



SNMP File

The `snmp.h` file lists the OIDs of all MIBs. Following are sections from `snmp.h` that show the complete OID of each of the Controller Transport Service (CTS) MIB elements. The list starts from the ancestral parent *iso*.

The SNMP file with all Alcatel-Lucent MIBs is listed in [Chapter 21, “SNMP MIBs Reference”](#) on [page 507](#).

All AOS-W MIBs inherit their OIDs from the Alcatel-Lucent MIB node. The following rows list the MIBs that precede CTS, starting from *iso*.

```
{ "iso",                                HASHNEXT("1") },
{ "org",                                  HASHNEXT("1.3") },
{ "dod",                                  HASHNEXT("1.3.6") },
{ "internet",                             HASHNEXT("1.3.6.1") },
{ "private",                               HASHNEXT("1.3.6.1.4") },
{ "enterprises",                           HASHNEXT("1.3.6.1.4.1") },
{ "aruba",                                 HASHNEXT("1.3.6.1.4.1.14823") },
{"arubaEnterpriseMibModules",              HASHNEXT("1.3.6.1.4.1.14823.2") },
{ "switch",                               HASHNEXT("1.3.6.1.4.1.14823.2.2") },
{ "wlsxEnterpriseMibModules",              HASHNEXT("1.3.6.1.4.1.14823.2.2.1") },
```


The following rows list the CTS MIB OIDs.

```
{ "wlsxCtsMIB",                HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11") },
{ "wlsxCtsOpGroup",           HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1") },
{ "wlsxCtsRequestTable",     HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1") },
{ "wlsxCtsRequestEntry",    HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1") },
{ "wlsxCtsIndex",           HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1") },
{ "wlsxCtsOpcode",          HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1.2") },
{ "wlsxCtsCookie",          HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1.3") },
{ "wlsxCtsURL",             HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1.4") },
{ "wlsxCtsFlags",           HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1.5") },
{ "wlsxCtsStatus",          HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1.6") },
```

HP OpenView

To install the Alcatel-Lucent module for HP OpenView, log in as the root user and execute the following script:

```
# $OV_CONTRIB/NNM/Alcatel-Lucent/install
```

For detailed assistance to use HP OpenView, please contact Alcatel-Lucent Alcatel-Lucent your Alcatel-Lucent support representative. For contact information, see [Contacting Alcatel-Lucent on page 17](#).

MIB Limitations

Following are the known limitations and constraints of AOS-W MIBs.

Table 5 *Limitations and Constraints*

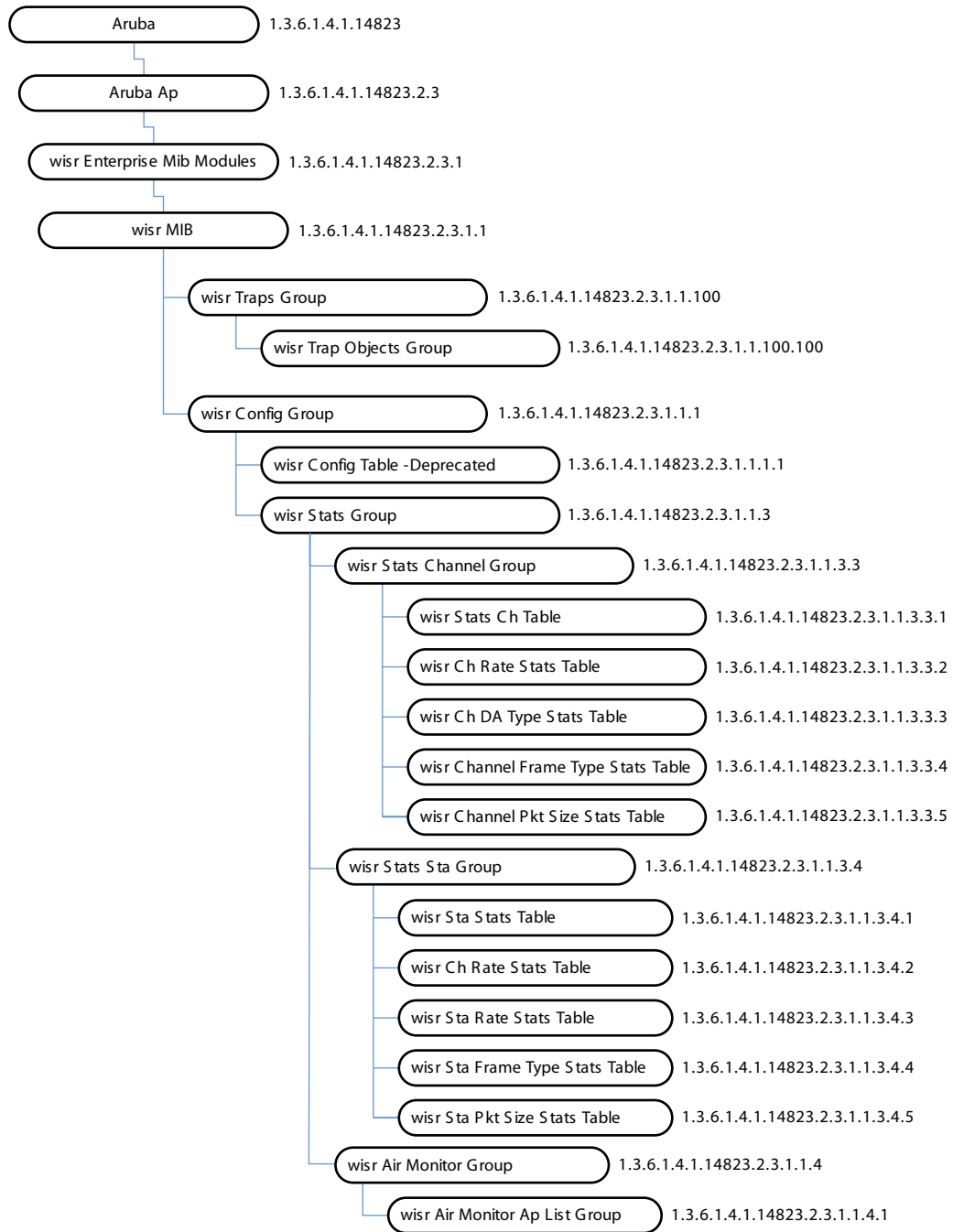
| MIB | Module | Limitation |
|---------------------|-------------------------|---|
| Switch | wlsxSwitchListTable | Information can only be queried from the master switch—only the table of the master switch is populated. If a local switch is queried, an empty table will be returned. |
| Switch | wlsxSwitchGlobalAPTable | Information can only be queried from the master switch—only the table of the master switch is populated. If a local switch is queried, an empty table will be returned. |
| Textual Conventions | <i>All objects</i> | Textual conventions objects do not include object identification (OID). |

The AP and AM module provides information about access points and air monitors. The access point (AP) is a device or an application that allows connecting a wireless device to a wired local area network (LAN). APs continually poll the network and report information to the switches. This feature can be used to enhance the security of wireless communication and to extend the range of a wireless user by connecting to a wireless device through a wired LAN.

The Alcatel-Lucent AP can also function as an air monitor (AM), which scans the RF spectrum, and can be used to enhance the performance of the AP.

[Figure 5](#) shows the architecture of the AP AM MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The AP and AM MIBs are listed in the file *aruba-ap.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 5 Access Point Air Module Hierarchy



wlsrEnterpriseMibModules

The AP MIB contains several tables, which are listed and summarized in [Table 6](#). The objects of each table are described in the following sections.

Table 6 AP Tables

| Table | Description |
|--|---|
| wlsrConfigTable This table is deprecated. | This table listed the configuration data of an access point. Each row in the table represented a WiFi interface. |
| wlsrChannelStatsTable | This table lists channel statistics. |
| wlsrChannelRateStatsTable | This table lists channel statistics that are sorted per data rate. |
| wlsrChannelDATypeStatsTable | This table lists channel packet and byte counts per channel, which are sorted by destination address. |
| wlsrChannelPktSizeStatsTable | This table lists channel statistics that are sorted by packet size. |
| wlsrStaStatsTable | This table lists statistics that are sorted by station. |
| wlsrStaRateStatsTable | This table lists station statistics that are sorted by data rates. |
| wlsrStaDATypeStatsTable | This table lists station statistics that are sorted by the destination address. |
| wlsrStaFrameTypeStatsTable | This table lists station statistics that are sorted by the subtype of the packet. |
| wlsrStaPktSizeStatsTable | This table lists station statistics of received or transmitted packets that are sorted by packet size. |
| wlsrAirMonitorApListTable | On an air monitor, this table contains all the access points the air monitor is monitoring. On an access point, this table contains itself. |

wlsrConfigTable



All objects in the wlsrConfigTable have been deprecated.

The wlsr Configuration Table contains the configuration data of an access point. Each object in the table represents a WiFi interface.

Table 7 wlsrConfigTable OIDs

| Object | Object ID | |
|--------------------|-----------------------------------|-------------------|
| wlsrConfigEntry | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1 | wlsrConfigTable 1 |
| wlsrBSSID | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.1 | wlsrConfigEntry 1 |
| wlsrESSID | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.2 | wlsrConfigEntry 2 |
| wlsrMode | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.3 | wlsrConfigEntry 3 |
| wlsrCurrentChannel | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.4 | wlsrConfigEntry 4 |
| wlsrTxPower | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.5 | wlsrConfigEntry 5 |
| wlsrRTSThreshold | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.6 | wlsrConfigEntry 6 |
| wlsrRetryLimit | 1.3.6.1.4.1.14823.2.3.1.1.1.1.1.7 | wlsrConfigEntry 7 |

Table 7 *wlsrConfigTable OIDs (Continued)*

| Object | Object ID | |
|--------------------|----------------------------------|--------------------|
| wlsrPreamble | 1.3.6.1.4.1.14823.2.3.1.1.1.1.8 | wlsrConfigEntry 8 |
| wlsrBeaconInterval | 1.3.6.1.4.1.14823.2.3.1.1.1.1.9 | wlsrConfigEntry 9 |
| wlsrPowerMgmt | 1.3.6.1.4.1.14823.2.3.1.1.1.1.10 | wlsrConfigEntry 10 |
| wlsrLoadBalance | 1.3.6.1.4.1.14823.2.3.1.1.1.1.11 | wlsrConfigEntry 11 |
| wlsrSupportedRates | 1.3.6.1.4.1.14823.2.3.1.1.1.1.12 | wlsrConfigEntry 12 |
| wlsrDTIMPeriod | 1.3.6.1.4.1.14823.2.3.1.1.1.1.13 | wlsrConfigEntry 13 |
| wlsrLMSAddress | 1.3.6.1.4.1.14823.2.3.1.1.1.1.14 | wlsrConfigEntry 14 |
| wlsrEncryption | 1.3.6.1.4.1.14823.2.3.1.1.1.1.15 | wlsrConfigEntry 15 |
| wlsrStatus | 1.3.6.1.4.1.14823.2.3.1.1.1.1.17 | wlsrConfigEntry 17 |
| wlsrAgeout | 1.3.6.1.4.1.14823.2.3.1.1.1.1.18 | wlsrConfigEntry 18 |
| wlsrMTU | 1.3.6.1.4.1.14823.2.3.1.1.1.1.19 | wlsrConfigEntry 19 |
| wlsrLocation | 1.3.6.1.4.1.14823.2.3.1.1.1.1.20 | wlsrConfigEntry 20 |
| wlsrHideSSID | 1.3.6.1.4.1.14823.2.3.1.1.1.1.21 | wlsrConfigEntry 21 |
| wlsrDenyBroadcast | 1.3.6.1.4.1.14823.2.3.1.1.1.1.22 | wlsrConfigEntry 22 |
| wlsrBGmode | 1.3.6.1.4.1.14823.2.3.1.1.1.1.23 | wlsrConfigEntry 23 |
| wlsrCardType | 1.3.6.1.4.1.14823.2.3.1.1.1.1.24 | wlsrConfigEntry 24 |
| wlsrRegDomain | 1.3.6.1.4.1.14823.2.3.1.1.1.1.25 | wlsrConfigEntry 25 |
| wlsrCountryCode | 1.3.6.1.4.1.14823.2.3.1.1.1.1.26 | wlsrConfigEntry 26 |
| wlsrTxRates | 1.3.6.1.4.1.14823.2.3.1.1.1.1.27 | wlsrConfigEntry 27 |

wlsrChannelStatsTable

The objects of the wlsr Channel Statistics table provide aggregated channel statistics.

Table 8 *wlsrChannelStatsTable OIDs*

| Object | Object ID | |
|------------------------------|-------------------------------------|-------------------------|
| wlsrChannelStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1 | wlsrChannelStatsTable 1 |
| wlsrChStatsChannel | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.1 | wlsrChannelStatsEntry 1 |
| wlsrChStatsNumAPs | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.2 | wlsrChannelStatsEntry 2 |
| wlsrChStatsNumStations | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.3 | wlsrChannelStatsEntry 3 |
| wlsrChStatsTotPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.4 | wlsrChannelStatsEntry 4 |
| wlsrChStatsTotBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.5 | wlsrChannelStatsEntry 5 |
| wlsrChStatsTotRetryPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.6 | wlsrChannelStatsEntry 6 |
| wlsrChStatsTotFragmentedPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.7 | wlsrChannelStatsEntry 7 |
| wlsrChStatsTotPhyErrPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.8 | wlsrChannelStatsEntry 8 |
| wlsrChStatsTotMacErrPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.9 | wlsrChannelStatsEntry 9 |

Table 8 *wlsrChannelStatsTable* OIDs (Continued)

| Object | Object ID | |
|---|--------------------------------------|--------------------------|
| wlsrChStatsFrameErrorRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.10 | wlsrChannelStatsEntry 10 |
| wlsrChStatsFrameRetryRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.11 | wlsrChannelStatsEntry 11 |
| wlsrChStatsFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.12 | wlsrChannelStatsEntry 12 |
| wlsrChStatsFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.13 | wlsrChannelStatsEntry 13 |
| wlsrChStatsFrameBandwidthRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.14 | wlsrChannelStatsEntry 14 |
| wlsrChStatsFrameFragmentationRate | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.15 | wlsrChannelStatsEntry 15 |
| wlsrChStatsMonitoredTime | 1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.16 | wlsrChannelStatsEntry 16 |

wlsrChannelStatsEntry

| | |
|--------------------|--------------------------|
| Syntax | wlsrChannelStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Channel Statistics Table |
| Index | { wlsrChStatsChannel } |

wlsrChStatsChannel

| | |
|--------------------|--|
| Syntax | Integer (1..165) |
| Max-Access | not-accessible |
| Status | current |
| Description | The frequency channel on which these statistics are collected. |

wlsrChStatsNumAPs

| | |
|--------------------|---------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of APs using this channel. |

wlsrChStatsNumStations

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of stations using this channel. |

wlsrChStatsTotPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total packets observed on this channel. |

wlsrChStatsTotBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total bytes observed on this channel. |

wlsrChStatsTotRetryPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total retry packets observed on this channel. |

wlsrChStatsTotFragmentedPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total fragmented packets observed on this channel. |

wlsrChStatsTotPhyErrPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total physical error packets observed on this channel. |

wlsrChStatsTotMacErrPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total MAC errors packets observed on this channel. |

wlSrChStatsFrameErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame errors as a percentage of total frames on this channel. |

wlSrChStatsFrameRetryRate

| | |
|--------------------|----------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The frame retry rate |

wlSrChStatsFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The frame low speed error rate in kbps. |

wlSrChStatsFrameNonUnicastRate

| | |
|--------------------|---------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame non-unicast rate in kbps. |

wlSrChStatsFrameBandwidthRate

| | |
|--------------------|-------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame bandwidth rate in kbps. |

wlSrChStatsFrameFragmentationRate

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame fragmentation rate in kbps. |

wlsrChStatsMonitoredTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time in ticks, since we have been observing this channel. |

wlsrChannelRateStatsTable

The objects of the wlsr Channel Rates Statistics table provide statistical information of packet and byte counts. The information is sorted by data rates.

Table 9 *wlsrChannelRateStatsTable OIDs*

| Object | Object ID | |
|-----------------------------|--------------------------------------|------------------------------|
| wlsrChannelRateStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1 | wlsrChannelRateStatsTable 1 |
| wlsrChStatsTotPktsAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.1 | wlsrChannelRateStatsEntry 1 |
| wlsrChStatsTotBytesAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.2 | wlsrChannelRateStatsEntry 2 |
| wlsrChStatsTotPktsAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.3 | wlsrChannelRateStatsEntry 3 |
| wlsrChStatsTotBytesAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.4 | wlsrChannelRateStatsEntry 4 |
| wlsrChStatsTotPktsAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.5 | wlsrChannelRateStatsEntry 5 |
| wlsrChStatsTotBytesAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.6 | wlsrChannelRateStatsEntry 6 |
| wlsrChStatsTotPktsAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.7 | wlsrChannelRateStatsEntry 7 |
| wlsrChStatsTotBytesAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.8 | wlsrChannelRateStatsEntry 8 |
| wlsrChStatsTotPktsAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.9 | wlsrChannelRateStatsEntry 9 |
| wlsrChStatsTotBytesAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.10 | wlsrChannelRateStatsEntry 10 |
| wlsrChStatsTotPktsAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.11 | wlsrChannelRateStatsEntry 11 |
| wlsrChStatsTotBytesAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.12 | wlsrChannelRateStatsEntry 12 |
| wlsrChStatsTotPktsAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.13 | wlsrChannelRateStatsEntry 13 |
| wlsrChStatsTotBytesAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.14 | wlsrChannelRateStatsEntry 14 |
| wlsrChStatsTotPktsAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.15 | wlsrChannelRateStatsEntry 15 |
| wlsrChStatsTotBytesAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.16 | wlsrChannelRateStatsEntry 16 |
| wlsrChStatsTotPktsAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.17 | wlsrChannelRateStatsEntry 17 |
| wlsrChStatsTotBytesAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.18 | wlsrChannelRateStatsEntry 18 |
| wlsrChStatsTotPktsAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.19 | wlsrChannelRateStatsEntry 19 |
| wlsrChStatsTotBytesAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.20 | wlsrChannelRateStatsEntry 20 |
| wlsrChStatsTotPktsAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.21 | wlsrChannelRateStatsEntry 21 |
| wlsrChStatsTotBytesAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.22 | wlsrChannelRateStatsEntry 22 |

wlsrChannelRateStatsEntry

| | |
|--------------------|---------------------------|
| Syntax | wlsrChannelRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Channel rate statistics. |
| Index | { wlsrChStatsChannel} |

wlsrChStatsTotPktsAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 1 Mbps rate. |

wlsrChStatsTotBytesAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 1 Mbps rate. |

wlsrChStatsTotPktsAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 2 Mbps rate. |

wlsrChStatsTotBytesAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 2 Mbps rate. |

wlsrChStatsTotPktsAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 5 Mbps rate. |

wlsrChStatsTotBytesAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 5 Mbps rate. |

wlsrChStatsTotPktsAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 11 Mbps rate. |

wlsrChStatsTotBytesAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 11 Mbps rate. |

wlsrChStatsTotPktsAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 6 Mbps rate. |

wlsrChStatsTotBytesAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 6 Mbps rate. |

wlsrChStatsTotPktsAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 12 Mbps rate. |

wlslChStatsTotBytesAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 12 Mbps rate. |

wlslChStatsTotPktsAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 18 Mbps rate. |

wlslChStatsTotBytesAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 18 Mbps rate. |

wlslChStatsTotPktsAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 24 Mbps rate. |

wlslChStatsTotBytesAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 24 Mbps rate. |

wlslChStatsTotPktsAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 36 Mbps rate. |

wlsrChStatsTotBytesAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 36 Mbps rate. |

wlsrChStatsTotPktsAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 48 Mbps rate. |

wlsrChStatsTotBytesAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 48 Mbps rate. |

wlsrChStatsTotPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this channel at 54 Mbps rate. |

wlsrChStatsTotBytesAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this channel at 54 Mbps rate. |

wlsrChannelDATypeStatsTable

The objects of the wlsr Channel Destination Address Type Statistics table provide statistical information about channels that is based on the destination type.

Table 10 *wlsrChannelDATypeStatsTable OIDs*

| Object | Object ID | |
|--------------------------------|-------------------------------------|-------------------------------|
| wlsrChannelDATypeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1 | wlsrChannelDATypeStatsTable 1 |
| wlsrChStatsTotDABroadcastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.1 | wlsrChannelDATypeStatsEntry 1 |
| wlsrChStatsTotDABroadcastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.2 | wlsrChannelDATypeStatsEntry 2 |
| wlsrChStatsTotDAMulticastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.3 | wlsrChannelDATypeStatsEntry 3 |
| wlsrChStatsTotDAMulticastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.4 | wlsrChannelDATypeStatsEntry 4 |
| wlsrChStatsTotDAUnicastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.5 | wlsrChannelDATypeStatsEntry 5 |
| wlsrChStatsTotDAUnicastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.6 | wlsrChannelDATypeStatsEntry 6 |

wlsrChannelDATypeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsrChannelDATypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Channel Statistics based on the Address Type. |
| Index | { wlsrChStatsChannel } |

wlsrChStatsTotDABroadcastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of broadcast packets observed on this channel. |

wlsrChStatsTotDABroadcastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of broadcast bytes observed on this channel. |

wlsrChStatsTotDAMulticastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of multicast packets observed on this channel. |

wlsrChStatsTotDAMulticastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of multicast bytes observed on this channel. |

wlsrChStatsTotDAUnicastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of unicast packets observed on this channel. |

wlsrChStatsTotDAUnicastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of unicast bytes observed on this channel. |

wlsrChannelFrameTypeStatsTable

The objects of the wlsr Channel Frame Type Statistics table provide information on package and byte counts per channel, which are sorted by frame type.

Table 11 *wlsrChannelFrameTypeStatsTable* OIDs

| Object | Object ID | |
|--|-------------------------------------|----------------------------------|
| wlsrChannelFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1 | wlsrChannelFrameTypeStatsTable 1 |
| wlsrChStatsTotMgmtPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.1 | wlsrChannelFrameTypeStatsEntry 1 |
| wlsrChStatsTotMgmtBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.2 | wlsrChannelFrameTypeStatsEntry 2 |
| wlsrChStatsTotCtrlPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.3 | wlsrChannelFrameTypeStatsEntry 3 |
| wlsrChStatsTotCtrlBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.4 | wlsrChannelFrameTypeStatsEntry 4 |
| wlsrChStatsTotDataPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.5 | wlsrChannelFrameTypeStatsEntry 5 |
| wlsrChStatsTotDataBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.6 | wlsrChannelFrameTypeStatsEntry 6 |

wlsrChannelFrameTypeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsrChannelFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Channel statistics based on frame type. |
| Index | { wlsrChStatsChannel} |

wlsrChStatsTotMgmtPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of management packets observed on this channel. |

wlsrChStatsTotMgmtBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of management bytes observed on this channel. |

wlsrChStatsTotCtrlPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control packets observed on this channel. |

wlsrChStatsTotCtrlBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control bytes observed on this channel. |

wlsrChStatsTotDataPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data packets observed on this channel. |

wlsrChStatsTotDataBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data bytes observed on this channel. |

wlsrChannelPktSizeStatsTable

The objects of the wlsr Channel Packet Size Statistics table provide channel statistics that are grouped by packet size.

Table 12 *wlsrChannelPktSizeStatsTable* OIDs

| Object | OID | |
|--|-------------------------------------|--------------------------------|
| wlsrChannelPktSizeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1 | wlsrChannelPktSizeStatsTable 1 |
| wlsrChStatsPkts63Bytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.1 | wlsrChannelPktSizeStatsEntry 1 |
| wlsrChStatsPkts64To127 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.2 | wlsrChannelPktSizeStatsEntry 2 |
| wlsrChStatsPkts128To255 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.3 | wlsrChannelPktSizeStatsEntry 3 |
| wlsrChStatsPkts256To511 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.4 | wlsrChannelPktSizeStatsEntry 4 |
| wlsrChStatsPkts512To1023 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.5 | wlsrChannelPktSizeStatsEntry 5 |
| wlsrChStatsPkts1024To1518 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.6 | wlsrChannelPktSizeStatsEntry 6 |

wlsrChannelPktSizeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsrChannelPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Channel statistics based on the packet sizes. |
| Index | { wlsrChStatsChannel } |

wlsrChStatsPkts63Bytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were less than 64 bytes long. |

wlsrChStatsPkts64To127

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 64 and 127 bytes long. |

wlsrChStatsPkts128To255

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 128 and 255 bytes long. |

wlsrChStatsPkts256To511

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 256 and 511 bytes long. |

wlsrChStatsPkts512To1023

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 512 and 1023 bytes long. |

wlsrChStatsPkts1024To1518

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 1024 and 1518 bytes long. |

wlsrStaStatsTable

The objects of the wlsr Station Statistics table provides the aggregated statistics for a station.

Table 13 *wlsrStaStatsTable* OIDs

| Object | Object ID | |
|-------------------|-----------------------------------|---------------------|
| wlsrStaStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1 | wlsrStaStatsTable 1 |

Table 13 *wlsrStaStatsTable OIDs (Continued)*

| Object | Object ID | |
|-------------------------------|--------------------------------------|----------------------|
| wlsrStaAddress | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.1 | wlsrStaStatsEntry 1 |
| wlsrStaTxPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.2 | wlsrStaStatsEntry 2 |
| wlsrStaTxBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.3 | wlsrStaStatsEntry 3 |
| wlsrStaRxPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.4 | wlsrStaStatsEntry 4 |
| wlsrStaRxBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.5 | wlsrStaStatsEntry 5 |
| wlsrStaTxRetryPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.6 | wlsrStaStatsEntry 6 |
| wlsrStaRxRetryPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.7 | wlsrStaStatsEntry 7 |
| wlsrStaTxFragmentedPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.8 | wlsrStaStatsEntry 8 |
| wlsrStaRxFragmentedPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.9 | wlsrStaStatsEntry 9 |
| wlsrStaReceiveErrPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.10 | wlsrStaStatsEntry 10 |
| wlsrStaTxTotSignal | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.11 | wlsrStaStatsEntry 11 |
| wlsrStaTxSignalPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.12 | wlsrStaStatsEntry 12 |
| wlsrStaTxCurSignal | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.13 | wlsrStaStatsEntry 13 |
| wlsrStaTxHighSignal | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.14 | wlsrStaStatsEntry 14 |
| wlsrStaRxTotNoise | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.15 | wlsrStaStatsEntry 15 |
| wlsrStaRxNoisePkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.16 | wlsrStaStatsEntry 16 |
| wlsrStaRxCurrentNoise | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.17 | wlsrStaStatsEntry 17 |
| wlsrStaRxHighNoise | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.18 | wlsrStaStatsEntry 18 |
| wlsrStaRxLowNoise | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.19 | wlsrStaStatsEntry 19 |
| wlsrStaFrameRetryRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.20 | wlsrStaStatsEntry 20 |
| wlsrStaFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.21 | wlsrStaStatsEntry 21 |
| wlsrStaFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.22 | wlsrStaStatsEntry 22 |
| wlsrStaFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.23 | wlsrStaStatsEntry 23 |
| wlsrStaFrameBandwidthRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.24 | wlsrStaStatsEntry 24 |
| wlsrStaFrameFragmentationRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.25 | wlsrStaStatsEntry 25 |
| wlsrStaFrameHighBandwidthRate | 1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.26 | wlsrStaStatsEntry 26 |

wlsrStaStatsEntry

| | |
|--------------------|---------------------|
| Syntax | wlsrStaStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station statistics. |
| Index | { wlsrStaAddress } |

wlsrStaAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The MAC Address of the station connected to this access point. |

wlsrStaTxPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total packets transmitted to the station. |

wlsrStaTxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total bytes transmitted to the station. |

wlsrStaRxPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total packets received from the station. |

wlsrStaRxBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total bytes received from the station. |

wlsrStaTxRetryPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The retry packets transmitted by the station |

wlSrStaRxRetryPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The retry packets received from the station. |

wlSrStaTxFragmentedPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The fragmented packets transmitted by the station. |

wlSrStaRxFragmentedPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The fragmented packets received from the station. |

wlSrStaReceiveErrPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total error packets received from this station. |

wlSrStaTxTotSignal

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The attribute indicates the total transmitted signal computed for this station. |

wlSrStaTxSignalPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total signal packets transmitted by this station. |

wlSrStaTxCurSignal

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicate the station's current transmit signal strength. |

wlSrStaTxHighSignal

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicate the station's high transmit signal strength. |

wlSrStaRxTotNoise

| | |
|--------------------|--------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | Total noise. |

wlSrStaRxNoisePkts

| | |
|--------------------|-----------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | Received noise. |

wlSrStaRxCurrentNoise

| | |
|--------------------|----------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | Current noise. |

wlSrStaRxHighNoise

| | |
|--------------------|-------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | High noise. |

wlSrStaRxLowNoise

| | |
|--------------------|------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | Low noise. |

wlSrStaFrameRetryRate

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame retry rate in kbps. |

wlSrStaFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame low speed error rate in kbps. |

wlSrStaFrameNonUnicastRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame non-unicast rate in kbps. |

wlSrStaFrameRetryErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame retry error rate in kbps. |

wlSrStaFrameBandwidthRate

| | |
|--------------------|---------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame bandwidth rate in kbps. |

wlsrStaFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame fragmentation rate in kbps. |

wlsrStaFrameHighBandwidthRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame high bandwidth rate in kbps. |

wlsrStaRateStatsTable

The objects of the wlsr Station Rate Statistics table provide information on channel packet and byte counts per channel. The information is grouped by data transfer rate.

Table 14 *wlsrStaRateStatsTable OIDs*

| Object | Object ID | |
|------------------------|--------------------------------------|--------------------------|
| wlsrStaRateStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1 | wlsrStaRateStatsTable 1 |
| wlsrStaTxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.1 | wlsrStaRateStatsEntry 1 |
| wlsrStaTxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.2 | wlsrStaRateStatsEntry 2 |
| wlsrStaTxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.3 | wlsrStaRateStatsEntry 3 |
| wlsrStaTxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.4 | wlsrStaRateStatsEntry 4 |
| wlsrStaTxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.5 | wlsrStaRateStatsEntry 5 |
| wlsrStaTxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.6 | wlsrStaRateStatsEntry 6 |
| wlsrStaTxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.7 | wlsrStaRateStatsEntry 7 |
| wlsrStaTxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.8 | wlsrStaRateStatsEntry 8 |
| wlsrStaTxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.9 | wlsrStaRateStatsEntry 9 |
| wlsrStaTxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.10 | wlsrStaRateStatsEntry 10 |
| wlsrStaTxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.11 | wlsrStaRateStatsEntry 11 |
| wlsrStaTxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.12 | wlsrStaRateStatsEntry 12 |
| wlsrStaTxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.13 | wlsrStaRateStatsEntry 13 |
| wlsrStaTxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.14 | wlsrStaRateStatsEntry 14 |
| wlsrStaTxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.15 | wlsrStaRateStatsEntry 15 |
| wlsrStaTxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.16 | wlsrStaRateStatsEntry 16 |
| wlsrStaTxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.17 | wlsrStaRateStatsEntry 17 |
| wlsrStaTxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.18 | wlsrStaRateStatsEntry 18 |

Table 14 *wlsrStaRateStatsTable* OIDs (Continued)

| Object | Object ID | |
|------------------------|--------------------------------------|--------------------------|
| wlsrStaTxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.19 | wlsrStaRateStatsEntry 19 |
| wlsrStaTxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.20 | wlsrStaRateStatsEntry 20 |
| wlsrStaTxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.21 | wlsrStaRateStatsEntry 21 |
| wlsrStaTxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.22 | wlsrStaRateStatsEntry 22 |
| wlsrStaRxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.23 | wlsrStaRateStatsEntry 23 |
| wlsrStaRxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.24 | wlsrStaRateStatsEntry 24 |
| wlsrStaRxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.25 | wlsrStaRateStatsEntry 25 |
| wlsrStaRxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.26 | wlsrStaRateStatsEntry 26 |
| wlsrStaRxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.27 | wlsrStaRateStatsEntry 27 |
| wlsrStaRxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.28 | wlsrStaRateStatsEntry 28 |
| wlsrStaRxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.29 | wlsrStaRateStatsEntry 29 |
| wlsrStaRxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.30 | wlsrStaRateStatsEntry 30 |
| wlsrStaRxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.31 | wlsrStaRateStatsEntry 31 |
| wlsrStaRxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.32 | wlsrStaRateStatsEntry 32 |
| wlsrStaRxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.33 | wlsrStaRateStatsEntry 33 |
| wlsrStaRxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.34 | wlsrStaRateStatsEntry 34 |
| wlsrStaRxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.35 | wlsrStaRateStatsEntry 35 |
| wlsrStaRxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.36 | wlsrStaRateStatsEntry 36 |
| wlsrStaRxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.37 | wlsrStaRateStatsEntry 37 |
| wlsrStaRxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.38 | wlsrStaRateStatsEntry 38 |
| wlsrStaRxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.39 | wlsrStaRateStatsEntry 39 |
| wlsrStaRxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.40 | wlsrStaRateStatsEntry 40 |
| wlsrStaRxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.41 | wlsrStaRateStatsEntry 41 |
| wlsrStaRxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.42 | wlsrStaRateStatsEntry 42 |
| wlsrStaRxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.43 | wlsrStaRateStatsEntry 43 |
| wlsrStaRxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.44 | wlsrStaRateStatsEntry 44 |

wlsrStaRateStatsEntry

| | |
|--------------------|--------------------------------|
| Syntax | wlsrStaRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station rate statistics table. |
| Index | { wlsrStaAddress } |

wlSrStaTxPktsAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 1 Mbps rate. |

wlSrStaTxBytesAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 1 Mbps rate. |

wlSrStaTxPktsAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 2 Mbps rate. |

wlSrStaTxBytesAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 2 Mbps rate. |

wlSrStaTxPktsAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 5 Mbps rate. |

wlSrStaTxBytesAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 5 Mbps rate. |

wlSrStaTxPktsAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 11 Mbps rate. |

wlSrStaTxBytesAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 11 Mbps rate. |

wlSrStaTxPktsAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 6 Mbps rate. |

wlSrStaTxBytesAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 6 Mbps rate. |

wlSrStaTxPktsAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 12 Mbps rate. |

wlSrStaTxBytesAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 12 Mbps rate. |

wlSrStaTxPktsAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 18 Mbps rate. |

wlSrStaTxBytesAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 18 Mbps rate. |

wlSrStaTxPktsAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 24 Mbps rate. |

wlSrStaTxBytesAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 24 Mbps rate. |

wlSrStaTxPktsAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 36 Mbps rate. |

wlSrStaTxBytesAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 36 Mbps rate. |

wlSrStaTxPktsAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 48 Mbps rate. |

wlSrStaTxBytesAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 48 Mbps rate. |

wlSrStaTxPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 54 Mbps rate. |

wlSrStaTxBytesAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 54 Mbps rate. |

wlSrStaRxPktsAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 1 Mbps rate. |

wlSrStaRxBytesAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 1 Mbps rate. |

wlSrStaRxPktsAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 2 Mbps rate. |

wlSrStaRxBytesAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 2 Mbps rate. |

wlSrStaRxPktsAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 5 Mbps rate. |

wlSrStaRxBytesAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 5 Mbps rate. |

wlSrStaRxPktsAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 11 Mbps rate. |

wlSrStaRxBytesAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 11 Mbps rate. |

wlSrStaRxPktsAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 6 Mbps rate. |

wlSrStaRxBytesAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 6 Mbps rate. |

wlSrStaRxPktsAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 12 Mbps rate. |

wlSrStaRxBytesAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 12 Mbps rate. |

wlSrStaRxPktsAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 18 Mbps rate. |

wlSrStaRxBytesAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 18 Mbps rate. |

wlSrStaRxPktsAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 24 Mbps rate. |

wlSrStaRxBytesAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 24 Mbps rate. |

wlSrStaRxPktsAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 36 Mbps rate. |

wlSrStaRxBytesAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 36 Mbps rate. |

wlSrStaRxPktsAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 48 Mbps rate. |

wlSrStaRxBytesAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 48 Mbps rate. |

wlsrStaRxPktsAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 54 Mbps rate. |

wlsrStaRxBytesAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 54 Mbps rate. |

wlsrStaDATypeStatsTable

The objects of the wlsr Station Destination Type Statistics table provide information categorized by address type.

Table 15 *wlsrStaDATypeStatsTable OIDs*

| Object | OIDs | |
|---|-------------------------------------|---------------------------|
| wlsrStaDATypeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1 | wlsrStaDATypeStatsTable 1 |
| wlsrStaTxDABroadcastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.1 | wlsrStaDATypeStatsEntry 1 |
| wlsrStaTxDABroadcastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.2 | wlsrStaDATypeStatsEntry 2 |
| wlsrStaTxDAMulticastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.3 | wlsrStaDATypeStatsEntry 3 |
| wlsrStaTxDAMulticastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.4 | wlsrStaDATypeStatsEntry 4 |
| wlsrStaTxDAUnicastPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.5 | wlsrStaDATypeStatsEntry 5 |
| wlsrStaTxDAUnicastBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.6 | wlsrStaDATypeStatsEntry 6 |

wlsrStaDATypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsrStaDATypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station statistics based on the destination address. |
| Index | { wlsrStaAddress } |

wlSrStaTxDABroadcastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast packets transmitted by this station. |

wlSrStaTxDABroadcastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast bytes transmitted by this station. |

wlSrStaTxDAMulticastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast packets transmitted by this station. |

wlSrStaTxDAMulticastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast bytes transmitted by this station. |

wlSrStaTxDAUnicastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total of unicast packets transmitted by this station. |

wlSrStaTxDAUnicastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total of unicast bytes transmitted by this station. |

wlsrStaFrameTypeStatsTable

The objects of the wlsr Station Frame Type Statistics table provide information about packet and byte counts per channel. The information is grouped by frame type.

Table 16 *wlsrStaFrameTypeStatsTable* OIDs

| Object | Object ID | |
|----------------------------|--------------------------------------|-------------------------------|
| wlsrStaFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1 | wlsrStaFrameTypeStatsTable 1 |
| wlsrStaTxMgmtPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.1 | wlsrStaFrameTypeStatsEntry 1 |
| wlsrStaTxMgmtBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.2 | wlsrStaFrameTypeStatsEntry 2 |
| wlsrStaTxCtrlPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.3 | wlsrStaFrameTypeStatsEntry 3 |
| wlsrStaTxCtrlBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.4 | wlsrStaFrameTypeStatsEntry 4 |
| wlsrStaTxDataPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.5 | wlsrStaFrameTypeStatsEntry 5 |
| wlsrStaTxDataBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.6 | wlsrStaFrameTypeStatsEntry 6 |
| wlsrStaRxMgmtPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.7 | wlsrStaFrameTypeStatsEntry 7 |
| wlsrStaRxMgmtBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.8 | wlsrStaFrameTypeStatsEntry 8 |
| wlsrStaRxCtrlPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.9 | wlsrStaFrameTypeStatsEntry 9 |
| wlsrStaRxCtrlBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.10 | wlsrStaFrameTypeStatsEntry 10 |
| wlsrStaRxDataPkts | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.11 | wlsrStaFrameTypeStatsEntry 11 |
| wlsrStaRxDataBytes | 1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.12 | wlsrStaFrameTypeStatsEntry 12 |

wlsrStaFrameTypeStatsEntry

| | |
|--------------------|--------------------------------------|
| Syntax | wlsrStaFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station frame type statistics entry. |
| Index | { wlsrStaAddress } |

wlsrStaTxMgmtPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted management packets from a station. |

wlSrStaTxMgmtBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted management bytes from a station. |

wlSrStaTxCtrlPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted control packets from a station. |

wlSrStaTxCtrlBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted control bytes from a station. |

wlSrStaTxDataPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted data packets from a station. |

wlSrStaTxDataBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted data bytes observed on this channel. |

wlSrStaRxMgmtPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received management packets at a station. |

wlsrStaRxMgmtBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received management bytes at a station. |

wlsrStaRxCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received control packets at a station. |

wlsrStaRxCtrlBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received control bytes at a station. |

wlsStaRxDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received data packets at a station. |

wlsrStaRxDataBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received data bytes at a station. |

wlsrStaPktSizeStatsTable

The objects of the wlsr Station Packet Size Statistics table provide information about packet and byte counts. The information is grouped by packet size.

Table 17 *wlsrStaPktSizeStatsTable* OIDs

| Object | Object ID | |
|--------------------------|-------------------------------------|--------------------------------|
| wlsrStaPktSizeStatsEntry | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1 | wlsrStaPktSizeStatsTable 1 |
| wlsrStaTxPkts63Bytes | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.1 | wlsrChannelPktSizeStatsEntry 1 |
| wlsrStaTxPkts64To127 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.2 | wlsrChannelPktSizeStatsEntry 2 |
| wlsrStaTxPkts128To255 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.3 | wlsrChannelPktSizeStatsEntry 3 |
| wlsrStaTxPkts256To511 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.4 | wlsrChannelPktSizeStatsEntry 4 |
| wlsrStaTxPkts512To1023 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.5 | wlsrChannelPktSizeStatsEntry 5 |
| wlsrStaTxPkts1024To1518 | 1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.6 | wlsrChannelPktSizeStatsEntry 6 |

wlsrStaPktSizeStatsEntry

| | |
|--------------------|---------------------------------|
| Syntax | wlsrStaPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station packet size statistics. |
| Index | { wlsrStaAddress } |

wlsrStaTxPkts63Bytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were less than 64 bytes long. |

wlsrStaTxPkts64To127

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 64 and 127 bytes long. |

wlsrStaTxPkts128To255

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 128 and 255 bytes long. |

wlsrStaTxPkts256To511

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 256 and 511 bytes long. |

wlsrStaTxPkts512To1023

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 512 and 1023 bytes long. |

wlsrStaTxPkts1024To1518

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 1024 and 1518 bytes long. |

wlsrStaRxPkts63Bytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were less than 64 bytes long. |

wlSrStaRxPkts64To127

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 64 and 127 bytes long. |

wlSrStaRxPkts128To255

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 128 and 255 bytes long. |

wlSrStaRxPkts256To511

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 256 and 511 bytes long. |

wlSrStaRxPkts512To1023

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 512 and 1023 bytes long. |

wlSrStaRxPkts1024To1518

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 1024 and 1518 bytes long. |

wlsrAirMonitorApListTable

The objects of the wlsr Air Monitor Access Point List table list all the access points that the air monitor is monitoring. On an access point, this table contains itself.

Table 18 *wlsrAirMonitorApListTable* OIDs

| Object | Object ID | |
|---------------------------|------------------------------------|------------------------------|
| wlsrAirMonitorApListEntry | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1 | wlsrAirMonitorApListTable 1 |
| wlsrAmApBSSID | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.1 | wlsrAirMonitorApListEntry 1 |
| wlsrAmSSID | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.2 | wlsrAirMonitorApListEntry 2 |
| wlsrAmChannel | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.3 | wlsrAirMonitorApListEntry 3 |
| wlsrAmPhysicalType | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.4 | wlsrAirMonitorApListEntry 4 |
| wlsrAmAccessPointType | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.5 | wlsrAirMonitorApListEntry 5 |
| wlsrAmRAPType | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6 | wlsrAirMonitorApListEntry 6 |
| wlsrAmRSSI | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.7 | wlsrAirMonitorApListEntry 7 |
| wlsrAmMonitoredTime | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.8 | wlsrAirMonitorApListEntry 8 |
| wlsrAmInactivityTime | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.9 | wlsrAirMonitorApListEntry 9 |
| wlsrAmLoadBalancing | 1.3.6.1.4.1.14823.2.3.1.1.4.1.1.10 | wlsrAirMonitorApListEntry 10 |

wlsrAirMonitorApListEntry

Syntax wlsrAirMonitorApListEntry

Max-Access not-accessible

Status current

Description Ap List Entry.

Index { wlsrAmApBSSID}

wlsrAmApBSSID

Syntax MacAddress

Max-Access not-accessible

Status current

Description BSSID of the access point.

wlsrAmSSID

Syntax DisplayString(Size(0..62))

Max-Access read-only

Status current

Description The SSID of the access point.

wlsrAmChannel

| | |
|--------------------|--|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | The channel on which this access point is operating. |

wlsrAmPhysicalType

| | |
|--------------------|--|
| Syntax | Integer dot11b(1) dot11a(2) dot11g(3) |
| Max-Access | read-only |
| Status | current |
| Description | The physical layer type. |

wlsrAmAccessPointType

| | |
|--------------------|--|
| Syntax | Integer genericAp(1) softAp(2) ciscoAp(3) |
| Max-Access | read-only |
| Status | current |
| Description | The type of access point. |

wlsrAmRAPType

| | |
|--------------------|--|
| Syntax | Integer valid(1) interfering(2) unsecure(3) dos(4) unknown(5) |
| Max-Access | read-only |
| Status | current |
| Description | The type of the access point. |

wlsrAmRSSI

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The access point receiver signal strength. |

wlsrAmMonitoredTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time in ticks since the air monitor is observing this access point. |

wlsrAmInactivityTime

| | |
|--------------------|-------------------------------|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Access point inactivity time. |

wlsrAmLoadBalancing

| | |
|--------------------|---|
| Syntax | Integer enable(1) disable(2) |
| Max-Access | read-only |
| Status | current |
| Description | The attributes indicates whether load balancing is enabled for this access point. |

wlsrTrapObjectsGroup

The objects of the wlsr Trap Objects group provide information about traps generated by access points. The objects of this group do not support the commands *GET* or *SET*.

Table 19 *wlsrTrapsGroup* OIDs

| Object | Object ID | |
|---------------------|--------------------------------------|-------------------------|
| wlsrTargetApBSSID | 1.3.6.1.4.1.14823.2.3.1.1.100.100.1 | wlsrTrapObjectsGroup 1 |
| wlsrTargetApSSID | 1.3.6.1.4.1.14823.2.3.1.1.100.100.2 | wlsrTrapObjectsGroup 2 |
| wlsrTargetApChannel | 1.3.6.1.4.1.14823.2.3.1.1.100.100.3 | wlsrTrapObjectsGroup 3 |
| wlsrSourceMac | 1.3.6.1.4.1.14823.2.3.1.1.100.100.4 | wlsrTrapObjectsGroup 4 |
| wlsrNodeMac | 1.3.6.1.4.1.14823.2.3.1.1.100.100.5 | wlsrTrapObjectsGroup 5 |
| wlsrFrameType | 1.3.6.1.4.1.14823.2.3.1.1.100.100.6 | wlsrTrapObjectsGroup 6 |
| wlsrAddressType | 1.3.6.1.4.1.14823.2.3.1.1.100.100.7 | wlsrTrapObjectsGroup 7 |
| wlsrSignatureName | 1.3.6.1.4.1.14823.2.3.1.1.100.100.8 | wlsrTrapObjectsGroup 8 |
| wlsrMatchedMac | 1.3.6.1.4.1.14823.2.3.1.1.100.100.9 | wlsrTrapObjectsGroup 9 |
| wlsrMatchedIp | 1.3.6.1.4.1.14823.2.3.1.1.100.100.10 | wlsrTrapObjectsGroup 10 |
| wlsrReceiverMac | 1.3.6.1.4.1.14823.2.3.1.1.100.100.11 | wlsrTrapObjectsGroup 11 |

Table 19 *wlsrTrapsGroup OIDs (Continued)*

| Object | Object ID | |
|--------------------------|--------------------------------------|-------------------------|
| wlsrTransmitterMac | 1.3.6.1.4.1.14823.2.3.1.1.100.100.12 | wlsrTrapObjectsGroup 12 |
| wlsrRSSI | 1.3.6.1.4.1.14823.2.3.1.1.100.100.13 | wlsrTrapObjectsGroup 13 |
| wlsrRogueInfoURL | 1.3.6.1.4.1.14823.2.3.1.1.100.100.14 | wlsrTrapObjectsGroup 14 |
| wlsrInterferingAPInfoURL | 1.3.6.1.4.1.14823.2.3.1.1.100.100.15 | wlsrTrapObjectsGroup 15 |

wlsrTargetApBSSID

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an Access Point is sending the trap, it will point to itself. |

wlsrTargetApSSID

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the SSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an Access Point is sending the trap it will point to itself. |

wlsrTargetApChannel

| | |
|--------------------|--|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the channel of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate access point. If an access point is sending the trap, it will point to itself. |

wlsrSourceMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the source. |

wlsrNodeMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of a node. |

wlsrFrameType

| | |
|--------------------|---|
| Syntax | Integer associateRequest(1) associateResponse(2) reassociateRequest(3) reassociateResponse(4) probeRequest(5) probeResponse(6) beacon(9) atim(10) disassociate(11) auth(12) deauth(13) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the frame type. |

wlsrAddressType

| | |
|--------------------|--|
| Syntax | Integer srcAddress(1) dstAddress(2) bssid(3) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the address type. |

wlsrSignatureName

| | |
|--------------------|--|
| Syntax | Octet String (Size (0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the signature name. |

wlsrMatchedMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address. |

wlsrMatchedIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the IP Address. |

wlsrReceiverMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the receiver. |

wlsrTransmitterMac

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the transmitter. |

wlsrRSSI

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the signal strength indicator. |

wlsrRogueInfoURL

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..256)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used to point to the WEBGUI rogue access point information URL. |

wlsrInterferingAPInfoURL

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..256)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used to point to the WEBGUI rogue interfering access point information URL. |

wlsrTrapsGroup

The wlsr Traps group is type notification.

Table 20 *wlsrTrapsGroup* OIDs

| Object | Object ID | |
|---|------------------------------------|---------------------|
| wlsrUnsecureApDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1001 | wlsrTrapsGroup 1001 |
| wlsrStalmpersonation | 1.3.6.1.4.1.14823.2.3.1.1.100.1002 | wlsrTrapsGroup 1002 |
| wlsrReservedChannelViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1003 | wlsrTrapsGroup 1003 |
| wlsrValidSSIDViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1004 | wlsrTrapsGroup 1004 |
| wlsrChannelMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1005 | wlsrTrapsGroup 1005 |
| wlsrOUIMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1006 | wlsrTrapsGroup 1006 |
| wlsrSSIDMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1007 | wlsrTrapsGroup 1007 |
| wlsrShortPreambleMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1008 | wlsrTrapsGroup 1008 |
| wlsrWPAMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1009 | wlsrTrapsGroup 1009 |
| wlsrAdhocNetworkDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1010 | wlsrTrapsGroup 1010 |
| wlsrStaPolicyViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1011 | wlsrTrapsGroup 1011 |
| wlsrRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1012 | wlsrTrapsGroup 1012 |
| wlsrWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1013 | wlsrTrapsGroup 1013 |
| wlsrChannelInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1014 | wlsrTrapsGroup 1014 |
| wlsrAPIInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1015 | wlsrTrapsGroup 1015 |
| wlsrStalInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1016 | wlsrTrapsGroup 1016 |
| wlsrFrameRetryRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1017 | wlsrTrapsGroup 1017 |
| wlsrFrameReceiveErrorRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1018 | wlsrTrapsGroup 1018 |
| wlsrFrameFragmentationRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1019 | wlsrTrapsGroup 1019 |
| wlsrFrameBandWidthRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1020 | wlsrTrapsGroup 1020 |
| wlsrFrameLowSpeedRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1021 | wlsrTrapsGroup 1021 |
| wlsrFrameNonUnicastRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1022 | wlsrTrapsGroup 1022 |
| wlsrLoadbalancingEnabled | 1.3.6.1.4.1.14823.2.3.1.1.100.1023 | wlsrTrapsGroup 1023 |
| wlsrChannelFrameRetryRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1024 | wlsrTrapsGroup 1024 |
| wlsrChannelFrameFragmentationRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1025 | wlsrTrapsGroup 1025 |

Table 20 *wlsrTrapsGroup OIDs (Continued)*

| Object | Object ID | |
|-----------------------------------|------------------------------------|---------------------|
| wlsrChannelFrameErrorRateExceeded | 1.3.6.1.4.1.14823.2.3.1.1.100.1026 | wlsrTrapsGroup 1026 |
| wlsrSignatureMatch | 1.3.6.1.4.1.14823.2.3.1.1.100.1027 | wlsrTrapsGroup 1027 |
| wlsrChannelRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.1.100.1028 | wlsrTrapsGroup 1028 |
| wlsrNodeRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.1.100.1029 | wlsrTrapsGroup 1029 |
| wlsrEAPRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.1.100.1030 | wlsrTrapsGroup 1030 |
| wlsrSignalAnomaly | 1.3.6.1.4.1.14823.2.3.1.1.100.1031 | wlsrTrapsGroup 1031 |
| wlsrSequenceNumberAnomaly | 1.3.6.1.4.1.14823.2.3.1.1.100.1032 | wlsrTrapsGroup 1032 |
| wlsrDisconnectStationAttack | 1.3.6.1.4.1.14823.2.3.1.1.100.1033 | wlsrTrapsGroup 1033 |
| wlsrApFloodAttack | 1.3.6.1.4.1.14823.2.3.1.1.100.1034 | wlsrTrapsGroup 1034 |
| wlsrAdhocNetwork | 1.3.6.1.4.1.14823.2.3.1.1.100.1035 | wlsrTrapsGroup 1035 |
| wlsrWirelessBridge | 1.3.6.1.4.1.14823.2.3.1.1.100.1036 | wlsrTrapsGroup 1036 |
| wlsrInvalidMacOUI | 1.3.6.1.4.1.14823.2.3.1.1.100.1037 | wlsrTrapsGroup 1037 |
| wlsrLoadbalancingDisabled | 1.3.6.1.4.1.14823.2.3.1.1.100.1038 | wlsrTrapsGroup 1038 |
| wlsrWEPMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.1.100.1039 | wlsrTrapsGroup 1039 |
| wlsrStaRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1040 | wlsrTrapsGroup 1040 |
| wlsrStaWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.1.100.1041 | wlsrTrapsGroup 1041 |
| wlsrStaAssociatedToUnsecureAp | 1.3.6.1.4.1.14823.2.3.1.1.100.1042 | wlsrTrapsGroup 1042 |
| wlsrAdhocNetworkBridgeDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1043 | wlsrTrapsGroup 1043 |
| wlsrInterferingApDetected | 1.3.6.1.4.1.14823.2.3.1.1.100.1044 | wlsrTrapsGroup 1044 |

wlsrUnsecureApDetected

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrMatchedMac, wlsrMatchedIp, wlsrRogueInfoURL} |
| Status | current |
| Description | This trap indicates that an unsecure access point is detected by an air monitor located at wlsrLocation. The AP is declared unsecure, because we matched it to the wlsrMatchedMac/wlsrMatchedIp. |

wlsrStalmpersonation

| | |
|--------------------|---|
| Objects | {wlsrNodeMac, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM at location wlsrLocation detected a station impersonation. |

wlsrReservedChannelViolation

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point is detected by an AP at location wlsrLocation, which violates the Reserved Channel configuration. |

wlsrValidSSIDViolation

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point violating Valid SSID is detected by an AP at wlsrLocation. |

wlsrChannelMisconfiguration

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has a bad channel configuration. |

wlsrOUIMisconfiguration

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has a bad OUI configuration. |

wlsrSSIDMisconfiguration

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has a bad SSID configuration. |

wlsrShortPreambleMisconfiguration

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has a bad short preamble configuration. |

wlsrWPAMisconfiguration

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has bad WPA configuration. |

wlsrAdhocNetworkDetected

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM has detected an ad hoc network. |

wlsrStaPolicyViolation

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrNodeMac, wlsrLocation} |
| Status | current |
| Description | This trap indicates that a Valid Station policy is violated. |

wlsrRepeatWEPIVViolation

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM detected a Repeat WEP-IV violation. |

wlsrWeakWEPIVViolation

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM detected a Weak WEP-IV violation. |

wlsrChannelInterferenceDetected

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation has detected a channel interference. |

wlsrAPInterferenceDetected

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation has detected an AP interference. |

wlsrStaInterferenceDetected

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation has detected a station interference. |

wlsrFrameRetryRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for frame retry rate for AP wlsrTargetApBSSID. |

wlsrFrameReceiveErrorRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for Frame Receive Error Rate for AP wlsrTargetApBSSID. |

wlsrFrameFragmentationRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for Frame Fragmentation Rate for AP wlsrTargetApBSSID. |

wlsrFrameBandWidthRateExceeded

| | |
|--------------------|---|
| Objects | {wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the allocated bandwidth rate. |

wlsrFrameLowSpeedRateExceeded

| | |
|--------------------|---|
| Objects | {wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the low speed rate. |

wlsrFrameNonUnicastRateExceeded

| | |
|--------------------|---|
| Objects | {wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the non-unicast traffic rate. |

wlsrLoadbalancingEnabled

| | |
|--------------------|--|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP with BSSID wlsrTargetApBSSID has enabled load balancing. |

wlsrChannelFrameRetryRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame retry rate. |

wlsrChannelFrameFragmentationRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame fragmentation rate. |

wlsrChannelFrameErrorRateExceeded

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame error rate. |

wlsrSignatureMatch

| | |
|--------------------|--|
| Objects | {wlsrSignatureName, wlsrSourceMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that a signature match was detected. |

wlsrChannelRateAnomaly

| | |
|--------------------|--|
| Objects | {wlsrFrameType, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected frames of type wlsrFrameType which exceeds the configured IDS rate threshold. |

wlsrNodeRateAnomaly

| | |
|--------------------|--|
| Objects | {wlsrFrameType, wlsrNodeMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected frames of type wlsrFrameType transmitted by node wlsrNodeMac which exceeds the configured IDS rate threshold. |

wlsrEAPRateAnomaly

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that the number of EAP Handshake packets received by an AP/AM at wlsrLocation exceeds the configured IDS EAP Handshake rate. |

wlsrSignalAnomaly

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected a signal anomaly. |

wlsrSequenceNumberAnomaly

| | |
|--------------------|---|
| Objects | {wlsrSourceMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation received packets which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS Configuration object. |

wlsrDisconnectStationAttack

| | |
|--------------------|---|
| Objects | {wlsrFrameType, wlsrSourceMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM detected a station disconnect attack. |

wlsrApFloodAttack

| | |
|--------------------|--|
| Objects | {wlsrLocation} |
| Status | current |
| Description | This trap is triggered when the number of spurious AP's detected by an AP/AM at wlsrLocation exceeds the configured IDS threshold. |

wlsrAdhocNetwork

| | |
|--------------------|--|
| Objects | {wlsrSourceMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected an ad hoc network. Node wlsrSourceMac is connected to an ad hoc AP wlsrTargetApBSSID with wlsrTargetApSSID. |

wlsrWirelessBridge

| | |
|--------------------|---|
| Objects | {wlsrTransmitterMac, wlsrReceiverMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected a Wireless Bridge. The detected bridge is between wlsrSourceMac and wlsrReceiverMac. |

wlsrInvalidMacOUI

| | |
|--------------------|--|
| Objects | {wlsrAddressType, wlsrNodeMac, wlsrRSSI, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM at wlsrLocation detected an invalid MAC OUI in transmission from the node wlsrNodeMac. The invalid MAC is the <wlsrAddressType>. |

wlsrLoadbalancingDisabled

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP with BSSID wlsrTargetApBSSID has disabled load balancing. |

wlsrWEPMisconfiguration

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an Access Point has a bad WEP configuration. |

wlsrStaRepeatWEPIVViolation

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM detected a repeat WEP-IV violation for a station. |

wlsrStaWeakWEPIVViolation

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AP/AM detected a weak WEP-IV violation for a station. |

wlsrStaAssociatedToUnsecureAp

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrNodeMac, wlsrRogueInfoURL} |
| Status | current |
| Description | This trap indicates that a station with wlsrNodeMac associated with an Unsecure Access Point wlsrTargetApBSSID. This is detected by an air monitor located at wlsrLocation. |

wlsrAdhocNetworkBridgeDetected

| | |
|--------------------|--|
| Objects | {wlsrSourceMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation} |
| Status | current |
| Description | This trap indicates that an AM has detected an ad hoc network that is bridging to a wired network. |

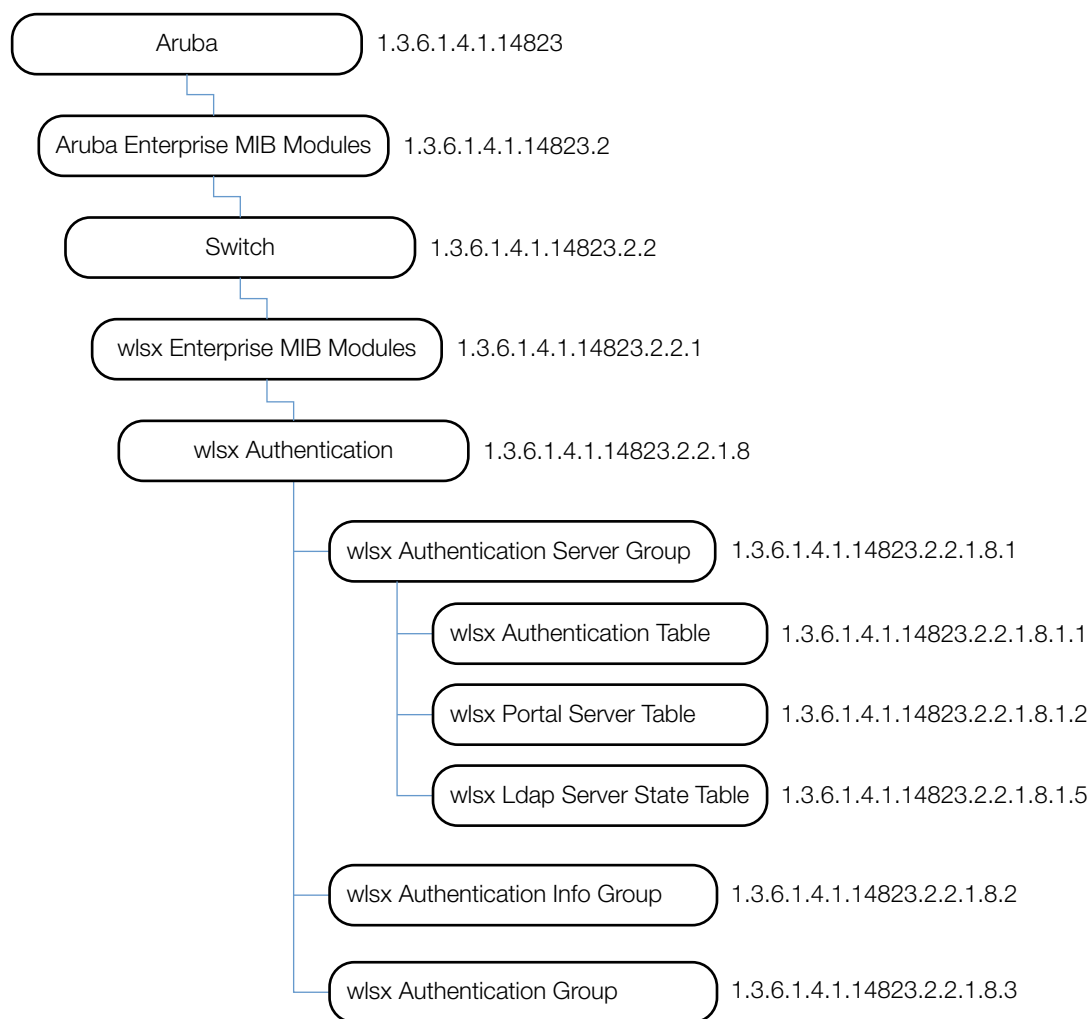
wlsrInterferingApDetected

| | |
|--------------------|---|
| Objects | {wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrInterferingAPInfoURL} |
| Status | current |
| Description | This trap indicates that an Interfering Access Point is detected by an air monitor located at wlsrLocation. |

The Authentication module provides information about the authentication server, as well as entities that are attempting to access the network. Authentication is used to verify the entity that is communicating to a device.

Figure 6 shows the architecture of the Auth MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Authentication MIBs are listed in the file *aruba-auth.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files](#) on page 23.

Figure 6 Authorization Hierarchy



The Authentication MIB consists of several tables, which are listed and summarized in [Table 21](#). The objects of each table are described in the following sections.

Table 21 *Authentication MIB Tables*

| Group | Description |
|-------------------------------|---|
| wlsxAuthenticationServerTable | Contains the users (both wired and wireless) currently connected to the switch. Users are identified by their IP addresses. |
| wlsxPortalServerTable | Contains the configured captive portal servers. |
| wlsxLdapServerStateTable | Contains the LDAP server state. |

wlsxAuthenticationServerTable

The objects of the wlsx Authentication Server table provide information about the authentication servers in the switch.

Table 22 *wlsxAuthenticationServerTable OIDs*

| Object | Object ID | |
|-------------------------------|------------------------------------|----------------------------------|
| wlsxAuthenticationServerEntry | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1 | wlsxAuthenticationServerTable 1 |
| authServerName | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.1 | wlsxAuthenticationServerEntry 1 |
| authServerType | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.2 | wlsxAuthenticationServerEntry 2 |
| authServerAddress | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.3 | wlsxAuthenticationServerEntry 3 |
| authServerPort | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.4 | wlsxAuthenticationServerEntry 4 |
| authServerRetryCount | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.5 | wlsxAuthenticationServerEntry 5 |
| authServerTimeOutValue | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.6 | wlsxAuthenticationServerEntry 6 |
| authServerState | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.7 | wlsxAuthenticationServerEntry 7 |
| authServerInservice | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.8 | wlsxAuthenticationServerEntry 8 |
| authServerUsageCount | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.9 | wlsxAuthenticationServerEntry 9 |
| authServerSuccessfulAuths | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.10 | wlsxAuthenticationServerEntry 10 |
| authServerFailedAuths | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.11 | wlsxAuthenticationServerEntry 11 |
| authServerTimeouts | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.12 | wlsxAuthenticationServerEntry 12 |
| authServerAvgResponseTime | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.13 | wlsxAuthenticationServerEntry 13 |
| authServerOutStandingRequests | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.14 | wlsxAuthenticationServerEntry 14 |
| authServerUptime | 1.3.6.1.4.1.14823.2.2.1.8.1.1.1.15 | wlsxAuthenticationServerEntry 15 |

wlsxAuthenticationServerEntry

| | |
|--------------------|-------------------------------|
| Syntax | wlsxAuthenticationServerEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Server entry. |
| Index | { authServerName } |

authServerName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | not-accessible |
| Status | current |
| Description | The name of the authentication server. |

authServerType

| | |
|--------------------|--|
| Syntax | ArubaAuthServerType |
| Max-Access | read-only |
| Status | current |
| Description | The type of the authentication server. |

authServerAddress

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-create |
| Status | current |
| Description | The IP address of the authentication server. |

authServerPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-create |
| Status | current |
| Description | The transport layer port of the authentication server. |

authServerRetryCount

| | |
|--------------------|-----------------------------|
| Syntax | Integer32 |
| Max-Access | read-create |
| Status | current |
| Description | The configured retry count. |

authServerTimeoutValue

| | |
|--------------------|-------------------------------|
| Syntax | integer32 |
| Max-Access | read-create |
| Status | current |
| Description | The configured timeout value. |

authServerState

| | |
|--------------------|---|
| Syntax | ArubaEnableValue |
| Max-Access | read-only |
| Status | current |
| Description | The state of the authentication server. |

authServerInservice

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | An indication of whether or not the authentication server is in service. |

authServerUsageCount

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times this server was queried. |

authServerSuccessfulAuths

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times this server responded with success. |

authServerFailedAuths

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times this server responded with failure. |

authServerTimeouts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times this communication with this server timed out. |

authServerAvgResponseTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The average response time of the server in milliseconds. |

authServerOutStandingRequests

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of requests currently outstanding to this server. |

authServerUptime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The time since the server went into service with the switch. |

wlsxPortalServerTable

The objects of the wlsx Portal Server table provide information about configured captive portal servers.

Table 23 *wlsxPortalServerTable* OIDs

| Object | Object ID | |
|-----------------------|---------------------------------|-------------------------|
| wlsxPortalServerEntry | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1 | wlsxPortalServerTable 1 |

Table 23 *wlsxPortalServerTable* OIDs (Continued)

| Object | Object ID | |
|--------------------------------------|-----------------------------------|-------------------------|
| portalServerIndex | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1.1 | wlsxPortalServerEntry 1 |
| portalServerHost | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1.2 | wlsxPortalServerEntry 2 |
| portalServerPort | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1.3 | wlsxPortalServerEntry 3 |
| portalServerPage | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1.4 | wlsxPortalServerEntry 4 |
| portalServerProtocol | 1.3.6.1.4.1.14823.2.2.1.8.1.2.1.5 | wlsxPortalServerEntry 5 |

wlsxPortalServerEntry

| | |
|--------------------|-----------------------|
| Syntax | wlsxPortalServerEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Portal Server Entry |
| Index | { portalServerIndex } |

portalServerIndex

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(SIZE(0..256)) |
| Max-Access | not-accessible |
| Status | current |
| Description | Portal server index. |

portalServerHost

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString(SIZE(0..256)) |
| Max-Access | read-only |
| Status | current |
| Description | The IP address of the portal server. |

portalServerPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The transport layer port of the portal server. |

portalServerPage

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(SIZE(0..256)) |
| Max-Access | read-only |
| Status | current |
| Description | The portal server URL. |

portalServerProtocol

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The portal server protocol (e.g., HTTP or HTTPS). |

wlsxLdapServerStateTable

The objects of the wlsx Ldap Server State table provide information about the state of the LDAP server.

Table 24 *wlsxLdapServerStateTable*

| Object | Object ID | |
|--|-----------------------------------|----------------------------|
| wlsxLdapServerStateEntry | 1.3.6.1.4.1.14823.2.2.1.8.1.5.1 | wlsxLdapServerStateTable 1 |
| IdapInitDone | 1.3.6.1.4.1.14823.2.2.1.8.1.5.1.1 | wlsxLdapServerStateEntry 1 |
| IdapAdminBound | 1.3.6.1.4.1.14823.2.2.1.8.1.5.1.2 | wlsxLdapServerStateEntry 2 |
| IdapReBindCount | 1.3.6.1.4.1.14823.2.2.1.8.1.5.1.3 | wlsxLdapServerStateEntry 3 |

wlsxLdapServerStateEntry

| | |
|--------------------|--------------------------|
| Syntax | wlsxLdapServerStateEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | LDAP Server Entry. |
| Index | { authServerName } |

IdapInitDone

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the switch is initialized with the server. |

IdapAdminBound

| | |
|--------------------|--|
| Syntax | Integer no(1) yes(2) inProgress(3) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the switch is bound to the server. |

IdapReBindCount

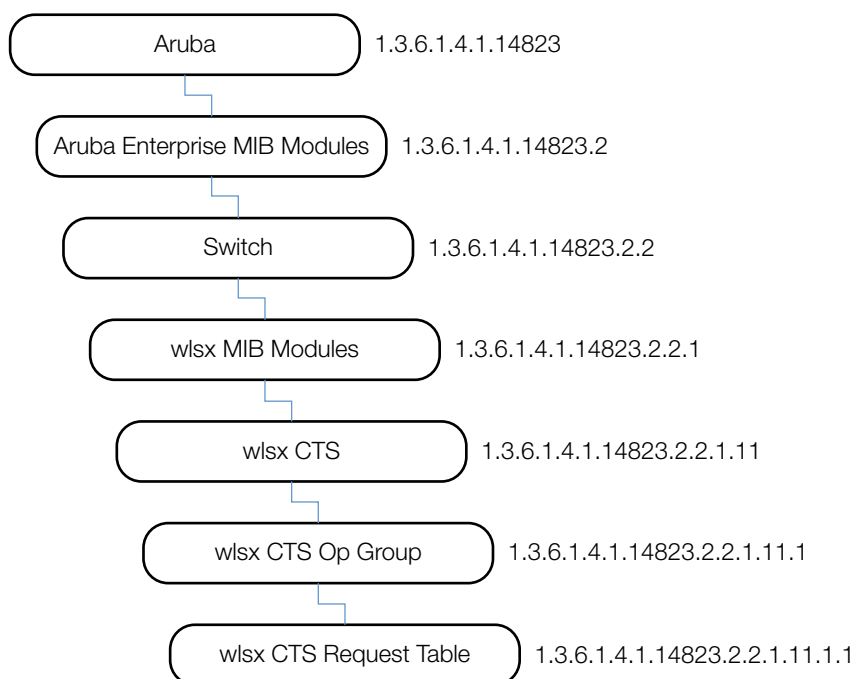
| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times that the switch is rebound with the server. |

This module provides information about the Controller Transport Service. The Controller Transport Service (CTS) is used with the OmniVista Mobility Manager (OmniVista Mobility Manager) for synchronizing configuration, database, and data sections. The CTS MIBs are used for triggering the data synchronization event with the MMS, such as *config update*.

CTS is not intended to be used with other applications.

Figure 7 shows the relationship of CTS to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.Alcatel-Lucent). The CTS MIBs are listed in the file *aruba-cts.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 7 CTS MIB Hierarchy



The CTS MIB contains the following table. Its objects are described in the following sections.

Table 25 CTS MIB Tables

| Table | Description |
|-------------------------------------|---|
| wlsxCtsRequestTable | The objects are used for the data synchronization event with MMS. |

wlsxCtsRequestTable

The objects of the wlsx CTS Request Table are used for data synchronization when using MMS.

Table 26 *wlsxCtsRequestTable OIDs*

| Object | Object ID | |
|---------------------|------------------------------------|-----------------------|
| wlsxCtsRequestEntry | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1 | wlsxCtsRequestTable 1 |
| tablewlsxCtsIndex | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1 | wlsxCtsRequestEntry 1 |
| wlsxCtsOpcode | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1.2 | wlsxCtsRequestEntry 2 |
| wlsxCtsCookie | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1.3 | wlsxCtsRequestEntry 3 |
| wlsxCtsURL | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1.4 | wlsxCtsRequestEntry 4 |
| wlsxCtsFlags | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1.5 | wlsxCtsRequestEntry 5 |
| wlsxCtsStatus | 1.3.6.1.4.1.14823.2.2.1.11.1.1.1.6 | wlsxCtsRequestEntry 6 |

wlsxCtsRequestEntry

| | |
|--------------------|-------------------------|
| Syntax | wlsxCtsRequestEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | CTS transport index. |
| History | Added in AOS-W 3.1.0.3. |

tablewlsxCtsIndex

| | |
|--------------------|---|
| Syntax | Integer32 0 Config Sync 1 Counters Sync 2 RF Plan Sync |
| Max-Access | not accessible |
| Status | current |
| Description | CTS transport index. |
| History | Added in AOS-W 3.1.0.3. Updated in AOS-W 3.2.0.0.—Syntax |

wlsxCtsOpcode

| | |
|--------------------|---------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | current |
| Description | Cookie for the config sync operation. |
| History | Added in AOS-W 3.1.0.3. |

wlsxCtsCookie

| | |
|--------------------|---------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | current |
| Description | Cookie for the config sync operation. |
| History | Added in AOS-W 3.1.0.3. |

wlsxCtsURL

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | current |
| Description | URL for the config sync operation. |
| History | Added in AOS-W 3.1.0.3. |

wlsxCtsFlags

| | |
|--------------------|--|
| Syntax | Bits wlsxCtsFlagForce(0) wlsxCtsFlagUseCert(1) |
| Max-Access | read-write |
| Status | current |
| Description | Operational flags to be sent via CTS. |
| History | Added in AOS-W 3.1.0.3. |

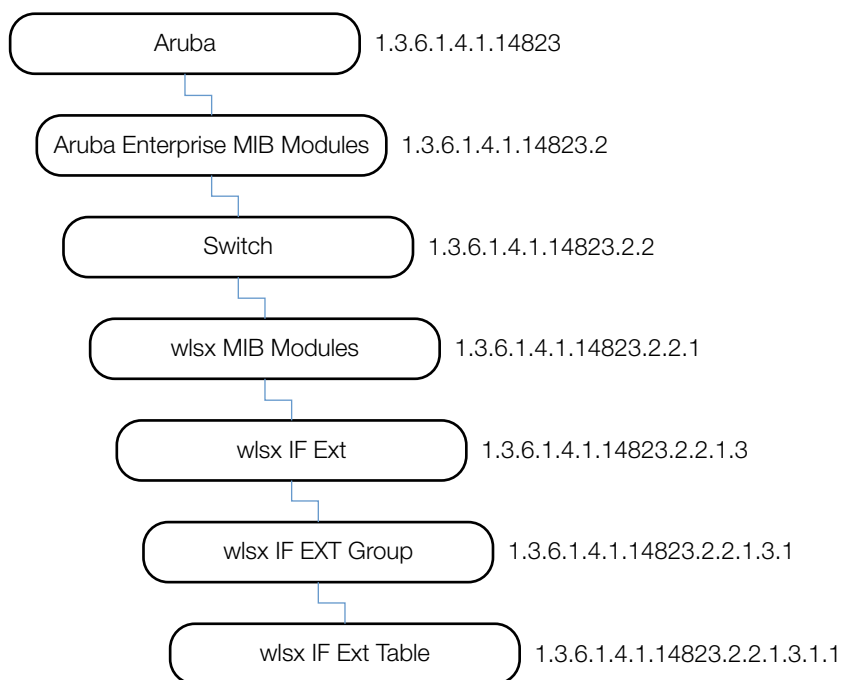
wlsxCtsStatus

| | |
|--------------------|-------------------------|
| Syntax | Row Status |
| Max-Access | read-write |
| Status | current |
| Description | CTS row status. |
| History | Added in AOS-W 3.1.0.3. |

The External Services Interface (ESI) module provides information about the Wireless Management System (WMS) in the Alcatel-Lucent switch. ESI is used for redirecting traffic to a virus scanner, context filter, or other third party network appliances.

Figure 8 shows the architecture of the ESI MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The ESI MIBs are listed in the file *aruba-esi.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 8 ESI Hierarchy



This MIB module defines MIB objects which provide information about the Wireless Management System (WMS) in the Alcatel-Lucent switch. The ESI MIB consists of the following table.

Table 27 ESI MIB Tables

| Table | Description |
|--------------------|---|
| wlsxESIServerTable | This table lists all ESI servers that are configured on the switch. |

wlsxESIServerTable

The objects of the wlsx ESI Server table provide information of the ESI servers that are configured on the switch.

Table 28 *wlsxESIServerTable* OIDs

| Object | Object ID | |
|------------------------|-------------------------------------|-----------------------|
| wlsxESIServerEntry | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1 | wlsxESIServerTable 1 |
| esiServerName | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.1 | wlsxESIServerEntry 1 |
| esiServerGroup | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.2 | wlsxESIServerEntry 2 |
| esiServerMode | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.3 | wlsxESIServerEntry 3 |
| esiServerTrustedIP | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.4 | wlsxESIServerEntry 4 |
| esiServerUntrustedIP | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.5 | wlsxESIServerEntry 5 |
| esiServerTrustedSlot | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.6 | wlsxESIServerEntry 6 |
| esiServerTrustedPort | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.7 | wlsxESIServerEntry 7 |
| esiServerUntrustedSlot | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.8 | wlsxESIServerEntry 8 |
| esiServerUntrustedPort | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.9 | wlsxESIServerEntry 9 |
| esiServerStatus | 1.3.6.1.4.1.14823.2.2.1.10.1.1.1.10 | wlsxESIServerEntry 10 |

wlsxESIServerEntry

| | |
|--------------------|--------------------|
| Syntax | wlsxESIServerEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | ESI Server Entry. |
| Index | esiServerName |

esiServerName

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString |
| Max-Access | not-accessible |
| Status | current |
| Description | The name of the ESI Server. |

esiServerGroup

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The name of the ESI server group to which this server belongs. |

esiServerMode

| | |
|--------------------|--------------------------|
| Syntax | ArubaESIServerMode |
| Max-Access | read-only |
| Status | current |
| Description | The mode of this server. |

esiServerTrustedIP

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | The trusted IP address of this server, or 0.0.0.0 if it is not set. |

esiServerUntrustedIP

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | The untrusted IP address of this server, or 0.0.0.0 if it is not set. |

esiServerTrustedSlot

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot number of the trusted interface for this server. |

esiServerTrustedPort

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The port number of the trusted interface for this server. |

esiServerUntrustedSlot

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot number of the untrusted interface for this server. |

esiServerUntrustedPort

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The port number of the untrusted interface for this server. |

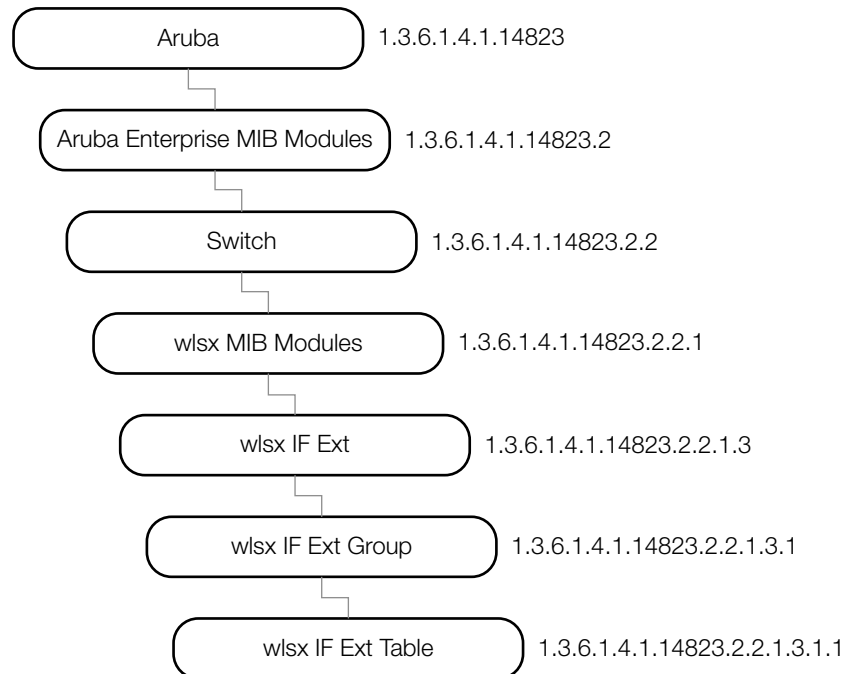
esiServerStatus

| | |
|--------------------|--|
| Syntax | ArubaESIServerStatus |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the status of this ESI server. |

IF External (IF EXT) MIB objects provide system-level information about the Alcatel-Lucent switch—physical ports, configured VLANs, the port memberships, and the interfaces that define the VLANs.

Figure 9 shows the architecture of the IF EXT MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The IF External MIBs are listed in the file *aruba-ifext.my*. For information about downloading Aruba MIB files, see [Downloading MIB Files on page 23](#).

Figure 9 IF EXT Hierarchy



wlsxIfExtMIB

This MIB module contains MIB objects that provide system-level information about the Alcatel-Lucent switch. The wlsx IF EXT tables consists of the following tables. The objects of each table are described in the following sections..

Table 29 IF EXT Tables

| Table | Description |
|-----------------------------|--|
| wlsxIfExtPortTable | This table lists the physical ports in the switch. |
| wlsxIfExtVLANTable | This table lists the VLAN in the switch. |
| wlsxIfExtVLANMemberTable | This table lists the port membership of the VLAN. |
| wlsxIfExtVLANInterfaceTable | This table defines Layer 3 VLAN interfaces. |

wlsxIfExtPortTable

The objects of the wlsx External Port table define the physical ports of the switch.

Table 30 *wlsxIfExtPortTable OIDs*

| Object | Object ID | |
|---------------------------|------------------------------------|-----------------------|
| wlsxIfExtPortEntry | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1 | wlsxIfExtPortTable 1 |
| ifExtSlotNumber | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.1 | wlsxIfExtPortEntry 1 |
| ifExtPortNumber | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.2 | wlsxIfExtPortEntry 2 |
| ifExtPortIfIndex | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.3 | wlsxIfExtPortEntry 3 |
| ifExtAdminState | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.4 | wlsxIfExtPortEntry 4 |
| ifExtOperState | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.5 | wlsxIfExtPortEntry 5 |
| ifExtPoeState | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.6 | wlsxIfExtPortEntry 6 |
| ifExtIsTrusted | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.7 | wlsxIfExtPortEntry 7 |
| ifExtDot1DState | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.8 | wlsxIfExtPortEntry 8 |
| ifExtMode | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.9 | wlsxIfExtPortEntry 9 |
| ifExtAccessVLANId | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.10 | wlsxIfExtPortEntry 10 |
| ifExtTrunkNativeVLANId | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.11 | wlsxIfExtPortEntry 11 |
| ifExtTrunkIsAllowedAll | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.12 | wlsxIfExtPortEntry 12 |
| ifExtTrunkAllowedVLANList | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.13 | wlsxIfExtPortEntry 13 |
| ifExtIngressACLName | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.14 | wlsxIfExtPortEntry 14 |
| ifExtEgressACLName | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.15 | wlsxIfExtPortEntry 15 |
| ifExtSessionACLName | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.16 | wlsxIfExtPortEntry 16 |
| ifExtXsecVLAN | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.17 | wlsxIfExtPortEntry 17 |
| ifExtIsMonitoring | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.18 | wlsxIfExtPortEntry 18 |
| ifExtIsMux | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.19 | wlsxIfExtPortEntry 19 |
| ifExtUserSlotNumber | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.20 | wlsxIfExtPortEntry 20 |
| ifExtUserPortNumber | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.21 | wlsxIfExtPortEntry 21 |
| ifExtPortSpeed | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.22 | wlsxIfExtPortEntry 22 |
| ifExtPortDuplex | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.23 | wlsxIfExtPortEntry 23 |
| ifExtPortType | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.24 | wlsxIfExtPortEntry 24 |
| ifExtDescr | 1.3.6.1.4.1.14823.2.2.1.3.1.1.1.25 | wlsxIfExtPortEntry 25 |

wlsxIfExtPortEntry

| | |
|--------------------|---|
| Syntax | wlsxIfExtPortEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| Index | { ifExtSlotNumber, ifExtPortNumber } |

ifExtSlotNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | This object represents the physical slot of the interface. |

ifExtPortNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | This object represents the physical port of the interface. |

ifExtPortIfIndex

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This is the if Index in the ifTable, representing this slot and port. |

ifExtAdminState

| | |
|--------------------|-------------------------------------|
| Syntax | ArubaEnableValue |
| Max-Access | read-write |
| Status | current |
| Description | The desired state of the interface. |

ifExtOperState

| | |
|--------------------|---|
| Syntax | Integer up(1) down(2) testing(3) |
| Max-Access | read-only |
| Status | current |
| Description | The current operational state of the interface. |

ifExtPoeState

| | |
|--------------------|--|
| Syntax | ArubaPoeState |
| Max-Access | read-write |
| Status | current |
| Description | The current state of the power over ethernet capability of the port. |

ifExtIsTrusted

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-write |
| Status | current |
| Description | The object indicates if the port is used in the trusted side of the network or the untrusted side. |

ifExtDot1DState

| | |
|--------------------|----------------------------------|
| Syntax | ArubaDot1dState |
| Max-Access | read-write |
| Status | current |
| Description | Current Dot1d state of the Port. |

ifExtMode

| | |
|--------------------|--|
| Syntax | ArubaPortMode |
| Max-Access | read-write |
| Status | current |
| Description | This object indicates if the port is in a trunk mode or access mode. |

ifExtAccessVLANId

| | |
|--------------------|--|
| Syntax | ArubaVLANValidRange |
| Max-Access | read-write |
| Status | current |
| Description | The VLAN ID when the port is in access mode. |

ifExtTrunkNativeVLANId

| | |
|--------------------|--|
| Syntax | ArubaVLANValidRange |
| Max-Access | read-write |
| Status | current |
| Description | The native VLAN ID of the Port when the port is in dot1q mode. |

ifExtTrunkIsAllowedAll

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-write |
| Status | current |
| Description | When the mode of the port is trunk, this object indicates if the port is part of all the configured VLANs. |

ifExtTrunkAllowedVLANList

| | |
|--------------------|--|
| Syntax | Octet String SIZE(0..512)) |
| Max-Access | read-write |
| Status | current |
| Description | <p>A string of octets containing one bit per VLAN for a total of 4096 VLANs in the management domain. The most significant bit of the octet string is the lowest value VLAN of 4096 VLANs.</p> <ul style="list-style-type: none">• Setting bit(1) indicates that the VLAN is part of the interface.• The most significant bit of the bitmap is transmitted first. <p>Note—If the length of this string is less than 512 octets, missing octets are assumed to contain the value zero.</p> |

ifExtIngressACLName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-write |
| Status | current |
| Description | This object represents the ingress ACL name applied to the port. An empty string indicates that ACL is not applied on this port. |

ifExtEgressACLName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-write |
| Status | current |
| Description | This object represents the egress ACL name applied to the port. An empty string indicates that ACL is not applied on this port. |

ifExtSessionACLName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-write |
| Status | current |
| Description | This object represents the session ACL name applied to the port. An empty string indicates that ACL is not applied on this port. |

ifExtXsecVLAN

| | |
|--------------------|--|
| Syntax | ArubaVLANValidRange |
| Max-Access | read-write |
| Status | current |
| Description | This object indicates if the port is an Xsec Port. |

ifExtIsMonitoring

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-write |
| Status | current |
| Description | This object indicates if the port is used for port monitoring. |

ifExtIsMux

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-write |
| Status | current |
| Description | This object indicates if the port is used as a MUX Port. |

ifExtUserSlotNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The user-visible (zero-based) slot number. |

ifExtUserPortNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The user-visible (zero-based) port number. |

ifExtPortSpeed

| | |
|--------------------|--------------------|
| Syntax | ArubaPortSpeed |
| Max-Access | read-only |
| Status | current |
| Description | Speed of the port. |

ifExtPortDuplex

| | |
|--------------------|-------------------------------|
| Syntax | ArubaPortDuplex |
| Max-Access | read-only |
| Status | current |
| Description | The duplex state of the port. |

ifExtPortType

| | |
|--------------------|-----------------------|
| Syntax | ArubaPortType |
| Max-Access | read-only |
| Status | current |
| Description | The type of the port. |

ifExtDescr

| | |
|--------------------|-------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Port description. |

wlsxIfExtVLANTable

The objects of the wlsx IF External VLAN table provide information about the VLANs of the switch.

Table 31 *wlsxIfExtVLANTable OIDs*

| Object | Object ID | |
|--------------------|-----------------------------------|----------------------|
| wlsxIfExtVLANEntry | 1.3.6.1.4.1.14823.2.2.1.3.1.2.1 | wlsxIfExtVLANTable 1 |
| ifExtVLANId | 1.3.6.1.4.1.14823.2.2.1.3.1.2.1.1 | wlsxIfExtVLANEntry 1 |
| ifExtVLANName | 1.3.6.1.4.1.14823.2.2.1.3.1.2.1.2 | wlsxIfExtVLANEntry 2 |
| ifExtVLANStatus | 1.3.6.1.4.1.14823.2.2.1.3.1.2.1.3 | wlsxIfExtVLANEntry 3 |

wlsxIfExtVLANEntry

| | |
|--------------------|---|
| Syntax | wlsxIfExtVLANEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| Index | { ifExtVLANId } |

ifExtVLANId

| | |
|--------------------|--|
| Syntax | ArubaVLANValidRange |
| Max-Access | not-accessible |
| Status | current |
| Description | This object represents the VLAN ID of the interface. |

ifExtVLANName

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-create |
| Status | current |
| Description | Name of the VLAN. |

ifExtVLANStatus

| | |
|--------------------|--|
| Syntax | Row Status |
| Max-Access | read-create |
| Status | current |
| Description | A row status object used to create/modify the row. |

wlsxIfExtVLANMemberTable

The objects of the wlsx External VLAN Member table provide information about the port membership of the VLAN.

Table 32 *wlsxIfExtVLANMemberTable OIDs*

| Object | Object ID | |
|--------------------------|-----------------------------------|----------------------------|
| wlsxIfExtVLANMemberEntry | 1.3.6.1.4.1.14823.2.2.1.3.1.3.1 | wlsxIfExtVLANMemberTable 1 |
| ifExtVLANMemberStatus | 1.3.6.1.4.1.14823.2.2.1.3.1.3.1.1 | wlsxIfExtVLANMemberEntry 1 |
| ifExtVLANMemberSlot | 1.3.6.1.4.1.14823.2.2.1.3.1.3.1.2 | wlsxIfExtVLANMemberEntry 2 |
| ifExtVLANMemberPort | 1.3.6.1.4.1.14823.2.2.1.3.1.3.1.3 | wlsxIfExtVLANMemberEntry 3 |
| ifExtVLANMemberType | 1.3.6.1.4.1.14823.2.2.1.3.1.3.1.4 | wlsxIfExtVLANMemberEntry 4 |

wlsxIfExtVLANMemberEntry

| | |
|--------------------|---|
| Syntax | wlsxIfExtVLANMemberEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| Index | { ifExtVLANId, ifIndex } |

ifExtVLANMemberStatus

| | |
|--------------------|--|
| Syntax | Row Status |
| Max-Access | read-create |
| Status | current |
| Description | A row status object used to create/modify and indicate the status row. |

ifExtVLANMemberSlot

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot index of the slot referred to by this row (1-based). |

ifExtVLANMemberPort

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot index of the slot referred to by this row (1-based). |

ifExtVLANMemberType

| | |
|--------------------|-----------------------|
| Syntax | ArubalfType |
| Max-Access | read-only |
| Status | current |
| Description | The VLAN member type. |

wlsxIfExtVLANInterfaceTable

The objects of the wlsx IF EXT VLAN Interface table provide information about Layer 3 VLAN interfaces.

Table 33 *wlsxIfExtVLANInterfaceTable OIDs* 118

| Object | Object ID | |
|----------------------------------|-------------------------------------|--------------------------------|
| wlsxIfExtVLANInterfaceEntry | 1.3.6.1.4.1.14823.2.2.1.3.1.4.1 | wlsxIfExtVLANInterfaceTable 1 |
| ifExtVLANInterfaceIfIndex | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.1 | wlsxIfExtVLANInterfaceEntry 1 |
| ifExtVLANInterfaceDescription | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.2 | wlsxIfExtVLANInterfaceEntry 2 |
| ifExtVLANInterfaceBWContract | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.3 | wlsxIfExtVLANInterfaceEntry 3 |
| ifExtVLANInterfaceAdminState | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.4 | wlsxIfExtVLANInterfaceEntry 4 |
| ifExtVLANInterfaceOperState | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.5 | wlsxIfExtVLANInterfaceEntry 5 |
| ifExtVLANInterfaceIpAddress | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.6 | wlsxIfExtVLANInterfaceEntry 6 |
| ifExtVLANInterfaceIpMask | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.7 | wlsxIfExtVLANInterfaceEntry 7 |
| ifExtVLANInterfaceIsLocalArp | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.8 | wlsxIfExtVLANInterfaceEntry 8 |
| ifExtVLANInterfaceStatus | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.9 | wlsxIfExtVLANInterfaceEntry 9 |
| ifExtVlanInterfaceIpRouting | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.10 | wlsxIfExtVLANInterfaceEntry 10 |
| ifExtVlanInterfaceIpNatInside | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.11 | wlsxIfExtVLANInterfaceEntry 11 |
| ifExtVlanInterfaceIpIcmpSnooping | 11.3.6.1.4.1.14823.2.2.1.3.1.4.1.12 | wlsxIfExtVLANInterfaceEntry 12 |

wlsxIfExtVLANInterfaceEntry

| | |
|--------------------|---|
| Syntax | wlsxIfExtVLANInterfaceEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| Index | { ifExtVLANId } |

ifExtVLANInterfaceIfIndex

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-create |
| Status | current |
| Description | This is the ifIndex in ifTable, representing the VLAN interface. |

ifExtVLANInterfaceDescription

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-create |
| Status | current |
| Description | The description of the VLAN interface. |

ifExtVLANInterfaceBWContract

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates the bandwidth contract on the interface. |

ifExtVLANInterfaceAdminState

| | |
|--------------------|--|
| Syntax | ArubaEnableValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates the IP address of the interface. |

ifExtVLANInterfaceOperState

| | |
|--------------------|--|
| Syntax | ArubaOperStateValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates the IP address of the interface. |

ifExtVLANInterfaceIpAddress

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates the IP address of the interface. |

ifExtVLANInterfaceIpMask

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates the IP mask of the interface. |

ifExtVLANInterfaceIsLocalArp

| | |
|--------------------|---|
| Syntax | ArubaEnableValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates if the Local Arp is set on the interface. |

ifExtVLANInterfaceStatus

| | |
|--------------------|--|
| Syntax | Row Status |
| Max-Access | read-create |
| Status | current |
| Description | A row status object used to create/modify and indicate the status row. |

ifExtVlanInterfaceIpRouting

| | |
|--------------------|--|
| Syntax | ArubaEnableValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates if the IP routing is set on the interface. |
| History | Added in AOS-W 3.2.0.0. |

ifExtVlanInterfaceIpNatInside

| | |
|--------------------|---|
| Syntax | ArubaEnableValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates if the IP not inside is set on the interface. |
| History | Added in AOS-W 3.2.0.0. |

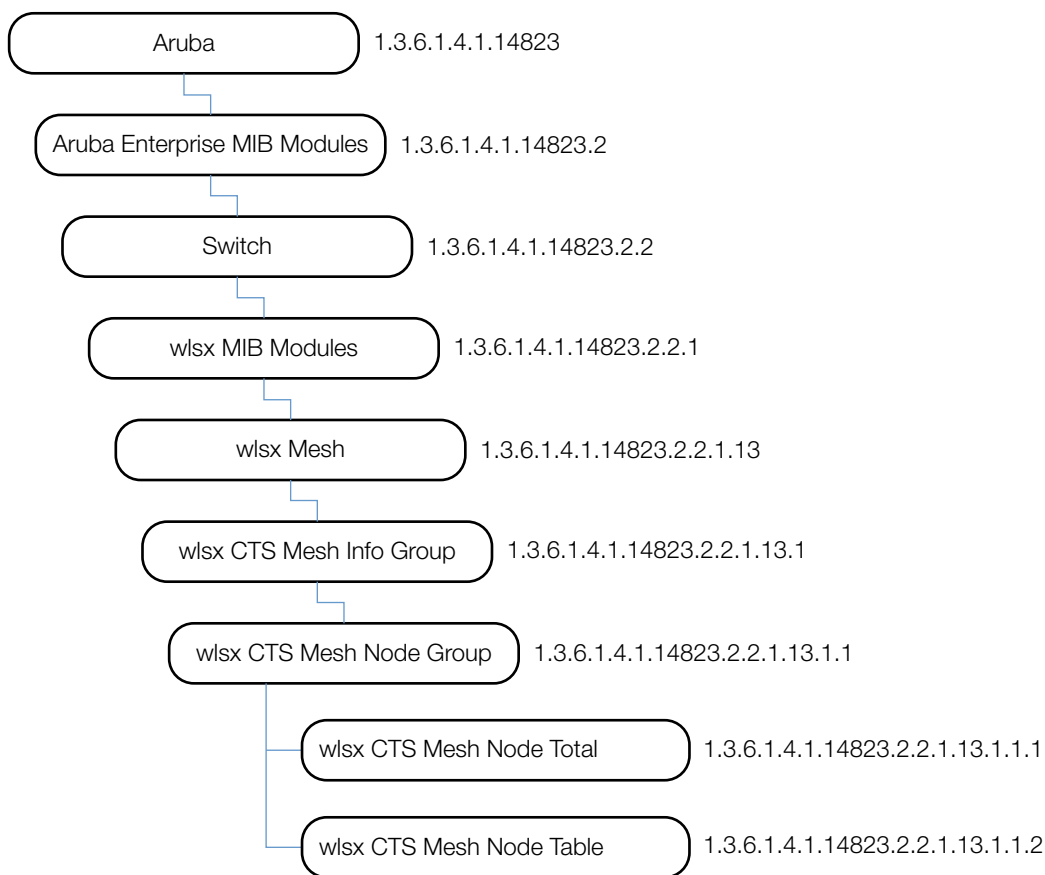
ifExtVlanInterfaceIlgmpSnooping

| | |
|--------------------|--|
| Syntax | ArubaEnableValue |
| Max-Access | read-create |
| Status | current |
| Description | This object indicates if the IP IGMP snooping is set on the interface. |
| History | Added in AOS-W 3.2.0.0. |

The Mesh module provides information about Mesh portal and topology in the Alcatel-Lucent switch. Mesh is a new addition to the AOS-W MIB family.

Figure 10 shows the architecture of the Mesh MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Mesh MIBs are listed in the file *aruba-mesh.mib*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 10 Mesh Hierarchy



The Mesh MIB contains the following tables. The objects of each table are described in the following sections.

Table 34 Mesh MIB Tables

| Table | Description |
|--------------------------------|---|
| <code>wlsxMeshNodeTotal</code> | This object lists the total number of mesh nodes in the switch. |
| <code>wlsxMeshNodeTable</code> | This table lists mesh node information. |

wlsxMeshNodeTotal

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total Number of mesh nodes in the switch. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeTable

The objects of the wlsx Mesh Node table provide information about the Mesh Node.

Table 35 Mesh Node Table OIDs

| Object | Object ID | |
|---------------------------|--------------------------------------|---------------------|
| wlsxMeshNodeEntry | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1 | wlsxMeshNodeTable 1 |
| wlsxMeshRole | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.1 | wlsxMeshNodeEntry 1 |
| wlsxMeshNodeParent | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.2 | wlsxMeshNodeEntry 2 |
| wlsxMeshNodeChildrenCount | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.3 | wlsxMeshNodeEntry 3 |
| wlsxMeshNodeCluster | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.4 | wlsxMeshNodeEntry 4 |
| wlsxMeshNodeRfBand | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.5 | wlsxMeshNodeEntry 5 |
| wlsxMeshNodePathCost | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.6 | wlsxMeshNodeEntry 6 |
| wlsxMeshNodeNodeCost | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.7 | wlsxMeshNodeEntry 7 |
| wlsxMeshNodeLinkCost | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.8 | wlsxMeshNodeEntry 8 |
| wlsxMeshNodeHopCount | 1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.9 | wlsxMeshNodeEntry 9 |

wlsxMeshNodeEntry

| | |
|--------------------|--------------------|
| Syntax | MeshEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Mesh node entry. |
| Index | {wlanAPMacAddress} |

wlsxMeshRole

| | |
|--------------------|-------------------------|
| Syntax | ArubaMeshRole |
| MAX-ACCES | read-only |
| Status | current |
| Description | Mesh role. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeParent

| | |
|--------------------|-------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Mesh node parent. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeChildrenCount

| | |
|--------------------|---------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Mesh node children count. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeCluster

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Mesh cluster name. Value in float. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeRfBand

| | |
|--------------------|-------------------------|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | Mesh node RF band. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodePathCost

| | |
|--------------------|--------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Mesh topology path cost. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeNodeCost

| | |
|--------------------|--------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Mesh topology node cost. |
| History | Added in AOS-W 3.2.0.0. |

wlsxMeshNodeLinkCost

| | |
|--------------------|--------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Mesh topology link cost. |
| History | Added in AOS-W 3.2.0.0. |

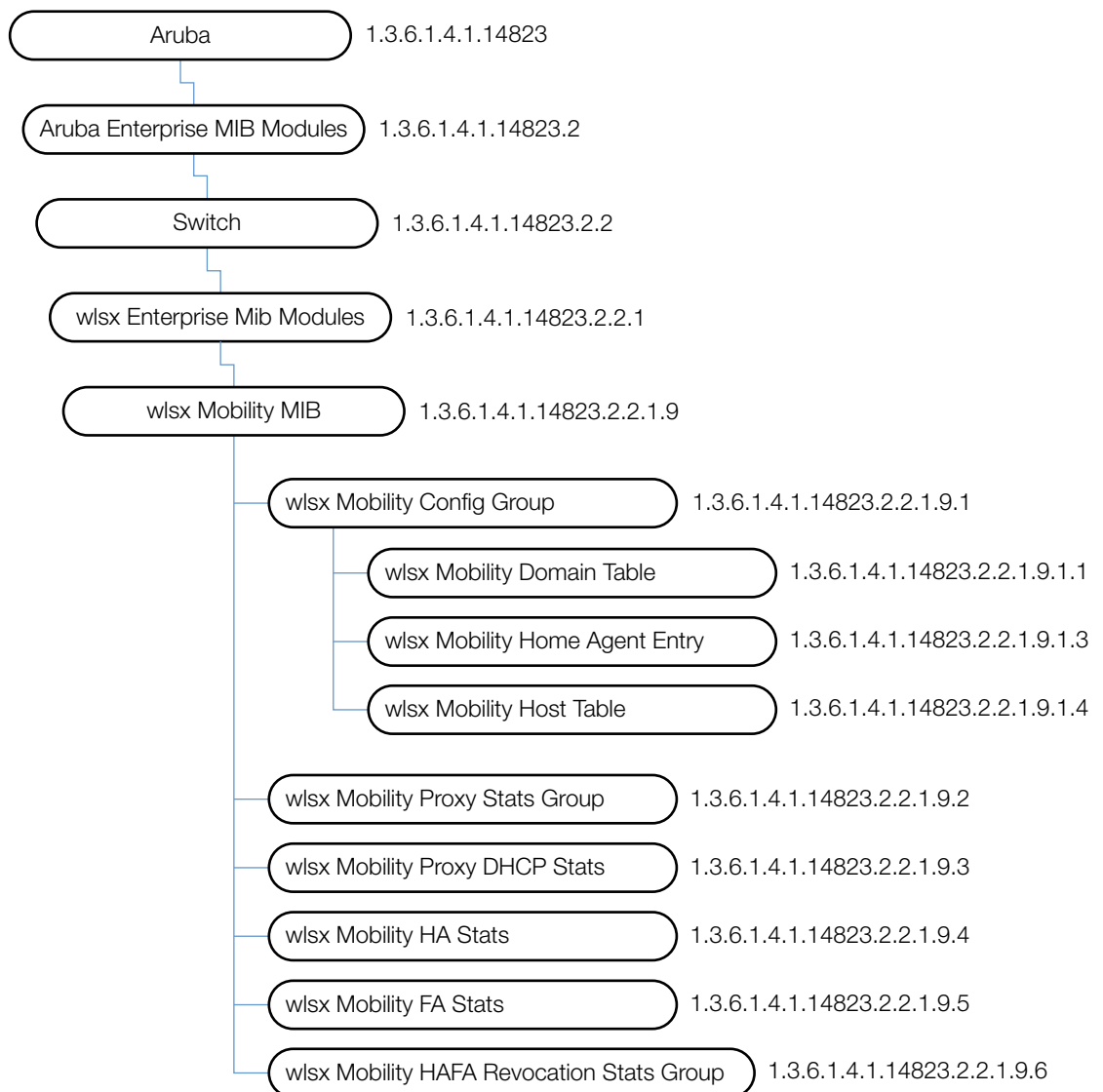
wlsxMeshNodeHopCount

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Mesh topology hop cost. |
| History | Added in AOS-W 3.2.0.0. |

The Mobility module provides information about the subsystem in the Alcatel-Lucent switch, such as the home agent (HA) or foreign agent (FA) of a roaming agent.

Figure 11 shows the architecture of the Mobility MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Mobility MIBs are listed in the file *aruba-mobility.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files](#) on page 23.

Figure 11 *Mobility Hierarchy*



The Mobility MIB contains the following objects. The objects of each table are described in the following sections.

Table 36 *Mobility Objects*

| Table | Description |
|---------------------------------------|--|
| wlsxMobilityDomainTable | This table lists all mobility domains configured on the switch. |
| wlsxMobilityHostTable | This table lists all mobile hosts on the switch. |
| wlsxMobilityProxyStatsGroup | This group contains proxy state machine statistics—the number of packets handled by the MobileIP Proxy state machine. |
| wlsxMobilityProxyDHCPStats Group | This group contains proxy DHCP state machine statistics—the number of DHCP packets handled by the MobileIP DHCP state machine. |
| wlsxMobilityHAStats Group | This group contains MobileIP Home Agent statistics—the number of MobileIP registration, revocation-related messages the HA state machine handled. |
| wlsxMobilityFAStats Group | This group contains MobileIP Foreign Agent statistics—the number of MobileIP registration, revocation-related messages the FA state machine handled. |
| wlsxMobilityHAFARevocationStats Group | This group contains MobileIP HA-FA revocation messages exchange statistics—the number of MobileIP revocation-related messages the HA/FA state machine handled. |

wlsxMobilityDomainTable

The objects of the wlsx Mobility Domain table provide information about the mobility domains configured on the switch.

Table 37 *wlsxMobilityDomainTable OIDs*

| Object | Object ID | |
|----------------------------|-----------------------------------|---------------------------|
| wlsxMobilityDomainEntry | 1.3.6.1.4.1.14823.2.2.1.9.1.1.1 | wlsxMobilityDomainTable 1 |
| mobilityDomainName | 1.3.6.1.4.1.14823.2.2.1.9.1.1.1.1 | wlsxMobilityDomainEntry 1 |
| mobilityDomainsIsExclusive | 1.3.6.1.4.1.14823.2.2.1.9.1.1.1.2 | wlsxMobilityDomainEntry 2 |
| mobilityDomainStatus | 1.3.6.1.4.1.14823.2.2.1.9.1.1.1.3 | wlsxMobilityDomainEntry 3 |

wlsxMobilityDomainEntry

| | |
|--------------------|-------------------------|
| Syntax | wlsxMobilityDomainEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Mobility Domain Entry |
| Index | { mobilityDomainName } |

mobilityDomainName

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | not-accessible |
| Status | current |
| Description | The name of the active mobility domain(s) this switch belongs to. |
| History | Update in AOS-W 3.1—description. |

mobilityDomainIsExclusive

| | |
|--------------------|---|
| Syntax | ArubaEnableValue |
| Max-Access | read-only |
| Status | deprecated |
| Description | Indicates whether this mobility domain is exclusive or not. |
| History | Deprecated in AOS-W 3.1.0.0. |

mobilityDomainStatus

| | |
|--------------------|---|
| Syntax | Row Status |
| Max-Access | read-create |
| Status | current |
| Description | Row status object used to indicate the status of the row. |

wlsxMobilityHomeAgentTable

The objects of the wlsx Mobility Home Agent table list all home agents that are visible to the switch.

Table 38 *wlsxMobilityHomeAgentTable OIDs*

| Object | Object ID | |
|----------------------------|-----------------------------------|------------------------------|
| wlsxMobilityHomeAgentEntry | 1.3.6.1.4.1.14823.2.2.1.9.1.3.1 | wlsxMobilityHomeAgentTable 1 |
| mobilityHomeAgentSubnet | 1.3.6.1.4.1.14823.2.2.1.9.1.3.1.1 | wlsxMobilityHomeAgentEntry 1 |
| mobilityHomeAgentMask | 1.3.6.1.4.1.14823.2.2.1.9.1.3.1.2 | wlsxMobilityHomeAgentEntry 2 |
| mobilityHomeAgentIp | 1.3.6.1.4.1.14823.2.2.1.9.1.3.1.3 | wlsxMobilityHomeAgentEntry 3 |
| mobilityHomeAgentVLAN | 1.3.6.1.4.1.14823.2.2.1.9.1.3.1.4 | wlsxMobilityHomeAgentEntry 4 |

wlsxMobilityHomeAgentEntry

| | |
|--------------------|---|
| Syntax | wlsxMobilityHomeAgentEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Mobility home agent entry. |
| Index | { mobilityHomeAgentSubnet, mobilityHomeAgentMask, mobilityHomeAgentIp } |

mobilityHomeAgentSubnet

| | |
|--------------------|---------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Subnet of the home agent. |

mobilityHomeAgentMask

| | |
|--------------------|--------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Subnet mask of the home agent. |

mobilityHomeAgentIp

| | |
|--------------------|-------------------------------|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | IP address of the home agent. |

mobilityHomeAgentVLAN

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | VLAN of the home agent. |

wlsxMobilityHostTable

The objects of the wlsx Mobility Host table provide information about the mobile hosts on the switch.

Table 39 wlsxMobilityHostTable OIDs

| Object | Object ID | |
|-------------------------|-----------------------------------|-------------------------|
| wlsxMobilityHostEntry | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1 | wlsxMobilityHostTable 1 |
| mobilityHostMac | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.1 | wlsxMobilityHostEntry 1 |
| mobilityHostIp | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.2 | wlsxMobilityHostEntry 2 |
| mobilityHostStatus | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.3 | wlsxMobilityHostEntry 3 |
| mobilityHostServiceTime | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.4 | wlsxMobilityHostEntry 4 |
| mobilityHostHomeVLAN | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.5 | wlsxMobilityHostEntry 5 |
| mobilityHostHomeNetwork | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.6 | wlsxMobilityHostEntry 6 |
| mobilityHostHomeMask | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.7 | wlsxMobilityHostEntry 7 |
| mobilityHostDhcpInfo | 1.3.6.1.4.1.14823.2.2.1.9.1.4.1.8 | wlsxMobilityHostEntry 8 |

wlsxMobilityHostEntry

| | |
|--------------------|---------------------------------|
| Syntax | wlsxMobilityHostEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Mobility Host Home Agent Entry. |
| Index | { mobilityHostMac } |

mobilityHostMac

| | |
|--------------------|---------------------------------|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | MAC address of the mobile host. |

mobilityHostIp

| | |
|--------------------|--------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | IP address of the mobile host. |

mobilityHostStatus

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Roaming status of the mobile host. |

mobilityHostServiceTime

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The time (seconds) mobility service is provided to the mobile host. |

mobilityHostHomeVLAN

| | |
|--------------------|-------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Home VLAN of the mobile host. |

mobilityHostHomeNetwork

| | |
|--------------------|----------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Home network of the mobile host. |

mobilityHostHomeMask

| | |
|--------------------|---------------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Home network mask of the mobile host. |

mobilityHostDhcpInfo

| | |
|--------------------|----------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | DHCP details of the mobile host. |

wlsxMobilityProxyStatsGroup

The objects of this group provide information of the number of packets MobileIP Proxy state machine handled.

Table 40 *wlsxMobilityProxyStats OIDs*

| Object | Object ID | |
|-----------------------------|-------------------------------|-------------------------------|
| mobilityProxyPktRx | 1.3.6.1.4.1.14823.2.2.1.9.2.1 | wlsxMobilityProxyStatsGroup 1 |
| mobilityProxyPktHandled | 1.3.6.1.4.1.14823.2.2.1.9.2.2 | wlsxMobilityProxyStatsGroup 2 |
| mobilityProxyPktFwd | 1.3.6.1.4.1.14823.2.2.1.9.2.3 | wlsxMobilityProxyStatsGroup 3 |
| mobilityProxyPktDrop | 1.3.6.1.4.1.14823.2.2.1.9.2.4 | wlsxMobilityProxyStatsGroup 4 |
| mobilityProxyBusy | 1.3.6.1.4.1.14823.2.2.1.9.2.5 | wlsxMobilityProxyStatsGroup 5 |
| mobilityProxyNoMobility | 1.3.6.1.4.1.14823.2.2.1.9.2.6 | wlsxMobilityProxyStatsGroup 6 |
| mobilityProxyClientIPChg | 1.3.6.1.4.1.14823.2.2.1.9.2.7 | wlsxMobilityProxyStatsGroup 7 |
| mobilityProxyClientEssidChg | 1.3.6.1.4.1.14823.2.2.1.9.2.8 | wlsxMobilityProxyStatsGroup 8 |

mobilityProxyPktRx

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets the proxy state machine received. |

mobilityProxyPktHandled

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets the proxy state machine processed. |

mobilityProxyPktFwd

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets the proxy state machine forwarded back to data path. |

mobilityProxyPktDrop

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets the proxy state machine dropped. |

mobilityProxyBusy

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobility events the proxy state machine ignored because it was busy. |

mobilityProxyNoMobility

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobility clients with No Mobility Service. |

mobilityProxyClientIPChg

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times mobility detected client IP change. |

mobilityProxyClientEssidChg

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times mobility detected client ESSID change. |

wlsxMobilityProxyDHCPStats Group

The objects of this group provide information of the number of DHCP packages the Mobile IP state machine handles.

Table 41 *wlsxMobilityProxyDHCPStats*

| Object | Object ID | |
|--|--------------------------------|------------------------------------|
| mobilityProxyDhcpBootpRx | 1.3.6.1.4.1.14823.2.2.1.9.3.1 | wlsxMobilityProxyDHCPStatsGroup 1 |
| mobilityProxyDhcpPktProc | 1.3.6.1.4.1.14823.2.2.1.9.3.2 | wlsxMobilityProxyDHCPStatsGroup 2 |
| mobilityProxyDhcpPktFwd | 1.3.6.1.4.1.14823.2.2.1.9.3.3 | wlsxMobilityProxyDHCPStatsGroup 3 |
| mobilityProxyDhcpPktDrop | 1.3.6.1.4.1.14823.2.2.1.9.3.4 | wlsxMobilityProxyDHCPStatsGroup 4 |
| mobilityProxyDHCPNak | 1.3.6.1.4.1.14823.2.2.1.9.3.5 | wlsxMobilityProxyDHCPStatsGroup 5 |
| mobilityProxyBadDHCPPkt | 1.3.6.1.4.1.14823.2.2.1.9.3.6 | wlsxMobilityProxyDHCPStatsGroup 6 |
| mobilityProxyNotDHCP | 1.3.6.1.4.1.14823.2.2.1.9.3.7 | wlsxMobilityProxyDHCPStatsGroup 7 |
| mobilityProxyDHCPNoHomeVLAN | 1.3.6.1.4.1.14823.2.2.1.9.3.8 | wlsxMobilityProxyDHCPStatsGroup 8 |
| mobilityProxyDHCPUnexpFrame | 1.3.6.1.4.1.14823.2.2.1.9.3.9 | wlsxMobilityProxyDHCPStatsGroup 9 |
| mobilityProxyDHCPUnexpRemote | 1.3.6.1.4.1.14823.2.2.1.9.3.10 | wlsxMobilityProxyDHCPStatsGroup 10 |

mobilityProxyDhcpBootpRx

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP Bootp messages received. |

mobilityProxyDhcpPktProc

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP messages processed. |

mobilityProxyDhcpPktFwd

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP messages forwarded. |

mobilityProxyDhcpPktDrop

| | |
|--------------------|--------------------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP messages dropped. |

mobilityProxyDHCPNak

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP NAK received from the server. |

mobilityProxyBadDHCPPkt

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP packets marked invalid by mobility. |

mobilityProxyNotDHCP

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of non-DHCP frames received by DHCP state machine. |

mobilityProxyDHCPNoHomeVLAN

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of DHCP-requested IP for which home VLAN does not exist. |

mobilityProxyDHCPUnexpFrame

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of unexpected DHCP frames received from client. |

mobilityProxyDHCPUnexpRemote

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of unexpected DHCP frames received from remote HA/FA. |

wlsxMobilityHAStats Group

The objects of this group provide information of the number of registration and revocation messages the HA state machine handles.

Table 42 *wlsxMobilityHAStats OIDs*

| Object | Object ID | |
|-------------------------|--------------------------------|-----------------------------|
| mobilityHARxRRQ | 1.3.6.1.4.1.14823.2.2.1.9.4.1 | wlsxMobilityHAStatsGroup 1 |
| mobilityHASentRRP | 1.3.6.1.4.1.14823.2.2.1.9.4.2 | wlsxMobilityHAStatsGroup 2 |
| mobilityHARRQAccept | 1.3.6.1.4.1.14823.2.2.1.9.4.3 | wlsxMobilityHAStatsGroup 3 |
| mobilityHARRQDenied | 1.3.6.1.4.1.14823.2.2.1.9.4.4 | wlsxMobilityHAStatsGroup 4 |
| mobilityHARRQIgnore | 1.3.6.1.4.1.14823.2.2.1.9.4.5 | wlsxMobilityHAStatsGroup 5 |
| mobilityHARRQAdminDeny | 1.3.6.1.4.1.14823.2.2.1.9.4.6 | wlsxMobilityHAStatsGroup 6 |
| mobilityHARRQNoResource | 1.3.6.1.4.1.14823.2.2.1.9.4.7 | wlsxMobilityHAStatsGroup 7 |
| mobilityHAMNauthFail | 1.3.6.1.4.1.14823.2.2.1.9.4.8 | wlsxMobilityHAStatsGroup 8 |
| mobilityHAFAauthFail | 1.3.6.1.4.1.14823.2.2.1.9.4.9 | wlsxMobilityHAStatsGroup 9 |
| mobilityHABadID | 1.3.6.1.4.1.14823.2.2.1.9.4.10 | wlsxMobilityHAStatsGroup 10 |
| mobilityHAMalform | 1.3.6.1.4.1.14823.2.2.1.9.4.11 | wlsxMobilityHAStatsGroup 11 |
| mobilityHATooManyBnd | 1.3.6.1.4.1.14823.2.2.1.9.4.12 | wlsxMobilityHAStatsGroup 12 |
| mobilityHABndExpire | 1.3.6.1.4.1.14823.2.2.1.9.4.13 | wlsxMobilityHAStatsGroup 13 |

mobilityHARxRRQ

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests received by HA. |

mobilityHASentRRP

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests reply sent by HA. |

mobilityHARRQAccept

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests accepted by HA. |

mobilityHARRQDenied

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests denied. |

mobilityHARRQIgnore

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests ignored by HA. |

mobilityHARRQAdminDeny

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests denied for administrative reasons by HA. |

mobilityHARRQNoResource

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests denied due to lack of resources by HA. |

mobilityHAMNauthFail

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times MN-HA authentication failed. |

mobilityHAFAuthFail

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of HA-FA authentications failed. |

mobilityHABadID

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobile IP messages rejected by HA due to bad identification. |

mobilityHAMalform

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobile IP messages rejected by HA due to being poorly formed. |

mobilityHATooManyBnd

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests rejected due to too many bindings at HA. |

mobilityHABndExpire

| | |
|--------------------|--------------------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times binding expired. |

wlsxMobilityFAStats Group

This describes the number of Registration request sent by FA

The objects of this group provide information of the number of registration requests sent by FA.

Table 43 *wlsxMobilityFAStats OIDs*

| Object | Object ID | Object ID |
|--------------------------------------|-------------------------------|----------------------------|
| mobilityFASentRRQ | 1.3.6.1.4.1.14823.2.2.1.9.5.1 | wlsxMobilityFAStatsGroup 1 |
| mobilityFARcvRRP | 1.3.6.1.4.1.14823.2.2.1.9.5.2 | wlsxMobilityFAStatsGroup 2 |
| mobilityFARRQAccept | 1.3.6.1.4.1.14823.2.2.1.9.5.3 | wlsxMobilityFAStatsGroup 3 |
| mobilityFARRQReject | 1.3.6.1.4.1.14823.2.2.1.9.5.4 | wlsxMobilityFAStatsGroup 4 |
| mobilityMNHAauthFAIL | 1.3.6.1.4.1.14823.2.2.1.9.5.5 | wlsxMobilityFAStatsGroup 5 |
| mobilityFAHAauthFAIL | 1.3.6.1.4.1.14823.2.2.1.9.5.6 | wlsxMobilityFAStatsGroup 6 |
| mobilityFABadID | 1.3.6.1.4.1.14823.2.2.1.9.5.7 | wlsxMobilityFAStatsGroup 7 |
| mobilityFAMalfor | 1.3.6.1.4.1.14823.2.2.1.9.5.8 | wlsxMobilityFAStatsGroup 8 |

mobilityFASentRRQ

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests sent by FA. |

mobilityFARcvRRP

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration request replies received by FA. |

mobilityFARRQAccept

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests accepted by HA. |

mobilityFARRQReject

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration requests rejected by HA. |

mobilityMNHAauthFAIL

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of times MN-HA authentication failed. |

mobilityFAHAauthFAIL

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of FA-HA authentications that failed. |

mobilityFABadID

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobile IP messages rejected by FA due to bad identification. |

mobilityFAMalfor

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of mobile IP messages rejected by FA because they are poorly formed. |

wlsxMobilityHAFARevocationStats Group

The objects of this group provide information about the revocation of messages handled by the HAFAs (home agent, foreign agent) state machines.

Table 44 *wlsxMobilityHAFARevocationStats*

| Object | Object ID | |
|----------------------|-------------------------------|--|
| mobilitySentRRVRQ | 1.3.6.1.4.1.14823.2.2.1.9.6.1 | wlsxMobilityHAFARevocationStatsGroup 1 |
| mobilityRcvRRVack | 1.3.6.1.4.1.14823.2.2.1.9.6.2 | wlsxMobilityHAFARevocationStatsGroup 2 |
| mobilityRcvRRV | 1.3.6.1.4.1.14823.2.2.1.9.6.3 | wlsxMobilityHAFARevocationStatsGroup 3 |
| mobilitySentRRVack | 1.3.6.1.4.1.14823.2.2.1.9.6.4 | wlsxMobilityHAFARevocationStatsGroup 4 |
| mobilityRRVRQIgnore | 1.3.6.1.4.1.14823.2.2.1.9.6.5 | wlsxMobilityHAFARevocationStatsGroup 5 |
| mobilityRRVackIgnore | 1.3.6.1.4.1.14823.2.2.1.9.6.6 | wlsxMobilityHAFARevocationStatsGroup 6 |

mobilitySentRRVRQ

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration revocation requests sent. |

mobilityRcvRRVack

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration revocation ACKs received. |

mobilityRcvRRV

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration revocation requests received. |

mobilitySentRRVack

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received registration revocation request ACKs sent. |

mobilityRRVRQIgnore

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registration revocation requests ignored. |

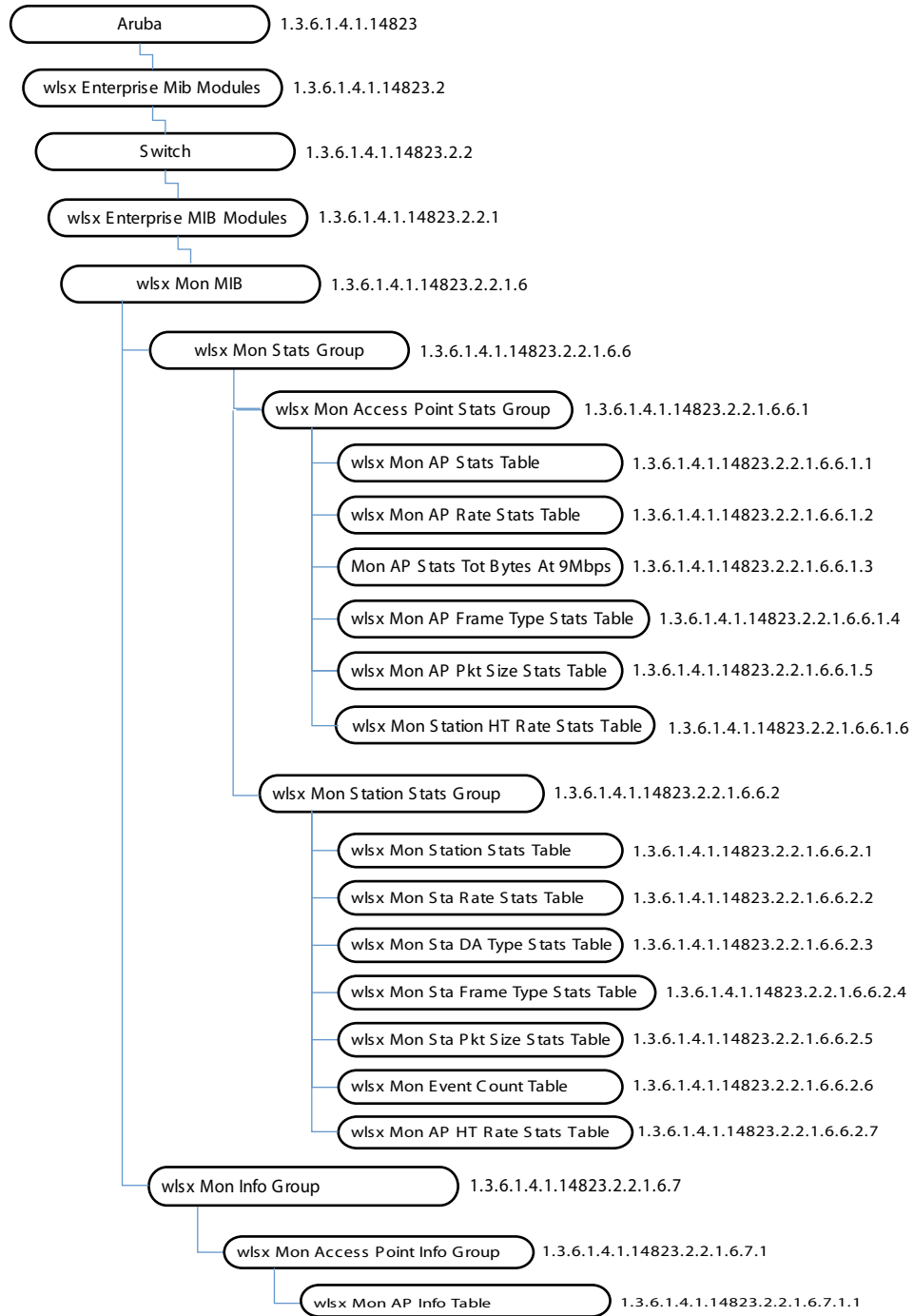
mobilityRRVAckIgnore

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of registrations that revocation ACK ignored. |

The Monitor module provides information about network traffic. Monitoring access points can be used to observe network traffic, such as the number of packets transferred at a specific rate, the number of errors per access point, and so on.

[Figure 12](#) shows the architecture of the Monitor MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Monitor MIBs are listed in the file `aruba-mon.my`. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 12 Monitor Hierarchy



The Monitor MIB contains the following tables. The objects of each table are described in the following sections.

Table 45 *Monitor MIB Tables*

| Table | Description |
|--------------------------------|---|
| wlsxMonAPStatsTable | This table lists the statistics of all the access points being monitored by the switch. |
| wlsxMonAPRateStatsTable | This tables lists the statistics of access points that are sorted by rate transfer rate. |
| wlsxMonAPDATypeStatsTable | This table lists the per BSSID packet and byte counts that are sorted by the destination address. |
| wlsxMonAPFrameTypeStatsTable | This table lists the per BSSID packet and byte counts that are sorted by frame type. |
| wlsxMonAPPktSizeStatsTable | This table lists the per BSSID packet and byte counts that are sorted by packet size. |
| wlsxMonAPHTRateStatsTable | This table lists lthe access point packet and byte counts that are sorted by HT rate. |
| wlsxMonStationStatsTable | This table lists the statistics of the wireless stations being monitored by an AP connected to this switch. |
| wlsxMonStaRateStatsTable | This table lists the packet and byte counts for a monitored station that are sorted by transfer rate. |
| wlsxMonStaDATypeStatsTable | This table lists the packet and byte counts for a monitored station that are sorted by destination address. |
| wlsxMonStaFrameTypeStatsTable | This table lists the packet and byte counts of monitored stations that are sorted by frame type. |
| wlsxMonStaPktSizeStatsTable | This table lists the packet and byte counts for monitored stations that are sorted by packet size. |
| wlsxMonAPInfoTable | This table lists all of the access points being monitored by the switch. |
| wlsxMonStationInfoTable | This table lists the statistics of all the wireless stations being monitored. |
| wlsxMonEventCountTable | This table lists the counts of events generated by the access points. |
| wlsxMonStationHTRateStatsTable | This table lists the monitored access point packet and byte counts that are sorted by high throughput. |

wlsxMonAPStatsTable

The objects of the wlsx Mon AP Statistics table provide the statistics of all the APs that are monitored by the switch.

Table 46 *wlsxMonApStatsTable OIDs*

| Object | Object ID | |
|---------------------|-------------------------------------|-----------------------|
| wlsxMonAPStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1 | wlsxMonAPStatsTable 1 |
| monPhyAddress | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.1 | wlsxMonAPStatsEntry 1 |
| monRadioNumber | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.2 | wlsxMonAPStatsEntry 2 |
| monitoredApBSSID | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.3 | wlsxMonAPStatsEntry 3 |
| monPhyType | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.4 | wlsxMonAPStatsEntry 4 |

Table 46 *wlsxMonApStatsTable OIDs (Continued)*

| Object | Object ID | |
|-----------------------------|--------------------------------------|------------------------|
| monAPCurrentChannel | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.5 | wlsxMonAPStatsEntry 5 |
| monAPNumClients | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.6 | wlsxMonAPStatsEntry 6 |
| monAPTxBkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.7 | wlsxMonAPStatsEntry 7 |
| monAPTxBkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.8 | wlsxMonAPStatsEntry 8 |
| monAPRxBkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.9 | wlsxMonAPStatsEntry 9 |
| monAPRxBkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.10 | wlsxMonAPStatsEntry 10 |
| monAPRxBkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.11 | wlsxMonAPStatsEntry 11 |
| monAPTxDaauthentications | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.12 | wlsxMonAPStatsEntry 12 |
| monAPRxDaauthentications | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.13 | wlsxMonAPStatsEntry 13 |
| monAPChannelThroughput | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.14 | wlsxMonAPStatsEntry 14 |
| monAPFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.15 | wlsxMonAPStatsEntry 15 |
| monAPFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.16 | wlsxMonAPStatsEntry 16 |
| monAPFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.17 | wlsxMonAPStatsEntry 17 |
| monAPFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.18 | wlsxMonAPStatsEntry 18 |
| monAPFrameBandwidthRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.19 | wlsxMonAPStatsEntry 19 |
| monAPFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.20 | wlsxMonAPStatsEntry 20 |
| monAPChannelErrorRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.21 | wlsxMonAPStatsEntry 21 |
| monAPESSID | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.22 | wlsxMonAPStatsEntry 22 |
| monAPRSSI | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.23 | wlsxMonAPStatsEntry 23 |
| monAPFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.24 | wlsxMonAPStatsEntry 24 |

wlsxMonAPStatsEntry

| | |
|--------------------|---|
| Syntax | wlsxMonAPStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Monitored Access Point Stats entry. |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID } |
| History | Update in AOS-W 3.1—description. |

monPhyAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | MAC address of the air monitor that is monitoring the AP. |

monRadioNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | The radio number of the air monitor that is monitoring the access point. |

monitoredApBSSID

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The BSSID of the monitored access point. |

monPhyType

| | |
|--------------------|---|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | The PHY type of the monitored access point. |

monAPCurrentChannel

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the monitored access point is using. |

monAPNumClients

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of clients associated to this monitored access point. |

monAPTxBkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPTxBYtes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes transmitted by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPRXPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPRxBYtes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes received by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPTxDauthenticationS

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentications transmitted by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPRxDauthenticationS

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentications received by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPChannelThroughput

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The throughput achieved on this channel by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameRetryRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of retry packets as a percentage of the total packets transmitted and received by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameLowSpeedRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameNonUnicastRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The multicast rate on this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameFragmentationRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of fragments as a percentage of the total packets transmitted by this monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameBandwidthRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The bandwidth of this monitored access point in Kbps. |
| History | Update in AOS-W 3.1—description. |

monAPFrameRetryErrorRate

| | |
|--------------------|---|
| Syntax | Integer32Status |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of error packets as a percentage of the total packets received on this monitored access point. |
| History | Deprecated in AOS-W 3.1.0.0. |

monAPChannelErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on the current channel. |
| History | Update in AOS-W 3.1—description. |

monAPESSID

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPRSSI

| | |
|--------------------|------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR of the monitored access point. |
| History | Update in AOS-W 3.1—description. |

monAPFrameReceiveErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on this monitored access point. |
| History | Added in AOS-W 3.1 |

wlsxMonAPRateStatsTable

The objects of the wlsx Monitor AP Rate Statistics table provide AP statistics that are sorted by rate categories.

Table 47 *wlsxMonAPRateStatsTable OIDs*

| Object | OID | |
|----------------------------|--------------------------------------|----------------------------|
| wlsxMonAPRateStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1 | wlsxMonAPRateStatsTable 1 |
| monAPStatsTotPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1. | wlsxMonAPRateStatsEntry 1 |
| monAPStatsTotBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.2 | wlsxMonAPRateStatsEntry 2 |
| monAPStatsTotPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.3 | wlsxMonAPRateStatsEntry 3 |
| monAPStatsTotBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5 | wlsxMonAPRateStatsEntry 4 |
| monAPStatsTotPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5 | wlsxMonAPRateStatsEntry 5 |
| monAPStatsTotBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.6 | wlsxMonAPRateStatsEntry 6 |
| monAPStatsTotPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.7 | wlsxMonAPRateStatsEntry 7 |
| monAPStatsTotBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.8 | wlsxMonAPRateStatsEntry 8 |
| monAPStatsTotPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.9 | wlsxMonAPRateStatsEntry 9 |
| monAPStatsTotBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.10 | wlsxMonAPRateStatsEntry 10 |
| monAPStatsTotPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.11 | wlsxMonAPRateStatsEntry 11 |
| monAPStatsTotBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.12 | wlsxMonAPRateStatsEntry 12 |
| monAPStatsTotPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.13 | wlsxMonAPRateStatsEntry 13 |
| monAPStatsTotBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.14 | wlsxMonAPRateStatsEntry 14 |
| monAPStatsTotPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.15 | wlsxMonAPRateStatsEntry 15 |
| monAPStatsTotBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.16 | wlsxMonAPRateStatsEntry 16 |
| monAPStatsTotPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.17 | wlsxMonAPRateStatsEntry 17 |
| monAPStatsTotBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.18 | wlsxMonAPRateStatsEntry 18 |
| monAPStatsTotPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.19 | wlsxMonAPRateStatsEntry 19 |
| monAPStatsTotBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.20 | wlsxMonAPRateStatsEntry 20 |
| monAPStatsTotPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.21 | wlsxMonAPRateStatsEntry 21 |
| monAPStatsTotBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.22 | wlsxMonAPRateStatsEntry 22 |

Table 47 *wlsxMonAPRateStatsTable OIDs*

| Object | OID | |
|---------------------------|--------------------------------------|----------------------------|
| monAPStatsTotPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.23 | wlsxMonAPRateStatsEntry 23 |
| monAPStatsTotBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.24 | wlsxMonAPRateStatsEntry 24 |

wlsxMonAPRateStatsEntry

| | |
|--------------------|---|
| Syntax | Sequence of wlsxMonAPRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Data rate-based packet and byte count entry for a monitored access point. |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID } |

monAPStatsTotPktsAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 1 Mbps rate. |

monAPStatsTotBytesAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 1 Mbps rate. |

monAPStatsTotPktsAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 2 Mbps rate. |

monAPStatsTotBytesAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 2 Mbps rate. |

monAPStatsTotPktsAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 5 Mbps rate. |

monAPStatsTotBytesAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 5 Mbps rate. |

monAPStatsTotPktsAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 11 Mbps rate. |

monAPStatsTotBytesAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 11 Mbps rate. |

monAPStatsTotPktsAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 6 Mbps rate. |

monAPStatsTotBytesAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 6 Mbps rate. |

monAPStatsTotPktsAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 12 Mbps rate. |

monAPStatsTotBytesAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 12 Mbps rate. |

monAPStatsTotPktsAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 18 Mbps rate. |

monAPStatsTotBytesAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 18 Mbps rate. |

monAPStatsTotPktsAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 24 Mbps rate. |

monAPStatsTotBytesAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 24 Mbps rate. |

monAPStatsTotPktsAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 36 Mbps rate. |

monAPStatsTotBytesAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 36 Mbps rate. |

monAPStatsTotPktsAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 48 Mbps rate. |

monAPStatsTotBytesAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 48 Mbps rate. |

monAPStatsTotPktsAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 54 Mbps rate. |

monAPStatsTotBytesAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 54 Mbps rate. |

monAPStatsTotPktsAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed from this BSSID at 9 Mbps rate. |

monAPStatsTotBytesAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed from this BSSID at 9 Mbps rate. |

wlsxMonAPDATypeStatsTable

The objects of the wlsx Mon Access Point DA Type Statistics table provide information about all the BSSID packet and byte counts, which are sorted by the Destination Address (DA) Type.

Table 48 *wlsxMonAPDATypeStatsTable OIDs*

| Object | Object ID | |
|---|--------------------------------------|------------------------------|
| wlsxMonAPDATypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1 | wlsxMonAPDATypeStatsTable 1 |
| monAPStatsTotDABroadcastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.1 | wlsxMonAPDATypeStatsEntry 1 |
| monAPStatsTotDABroadcastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.2 | wlsxMonAPDATypeStatsEntry 2 |
| monAPStatsTotDAMulticastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.3 | wlsxMonAPDATypeStatsEntry 3 |
| monAPStatsTotDAMulticastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.4 | wlsxMonAPDATypeStatsEntry 4 |
| monAPStatsTotDAUnicastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.5 | wlsxMonAPDATypeStatsEntry 5 |
| monAPStatsTotDAUnicastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.6 | wlsxMonAPDATypeStatsEntry 6 |
| wlsxMonAPFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.7 | wlsxMonAPDATypeStatsEntry 7 |
| monAPStatsTotMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.8 | wlsxMonAPDATypeStatsEntry 8 |
| monAPStatsTotMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.9 | wlsxMonAPDATypeStatsEntry 9 |
| monAPStatsTotCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.10 | wlsxMonAPDATypeStatsEntry 10 |
| monAPStatsTotCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.11 | wlsxMonAPDATypeStatsEntry 11 |
| monAPStatsTotDataPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.12 | wlsxMonAPDATypeStatsEntry 12 |
| monAPStatsTotDataBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.13 | wlsxMonAPDATypeStatsEntry 13 |

wlsxMonAPDATypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxMonAPDATypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Destination address-based packet and byte count entry for a monitored access point |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID, monAPStatsTotDAUnicastPktsCounter32, monAPStatsTotDAUnicastBytesCounter32 } |

monAPStatsTotDABroadcastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of broadcast packets observed from this BSSID. |

monAPStatsTotDABroadcastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of broadcast bytes observed from this BSSID. |

monAPStatsTotDAMulticastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of multicast packets observed from this BSSID. |

monAPStatsTotDAMulticastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of multicast bytes observed from this BSSID. |

monAPStatsTotDAUnicastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of unicast packets observed from this BSSID. |

monAPStatsTotDAUnicastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of unicast bytes observed from this BSSID. |

wlsxMonAPFrameTypeStatsTable

The objects of the wlsx Mon Access Point Frame Type Stats table provide statistics of the BSSID packet and byte counts, which are sorted by Destination Address (DA) Type.

wlsxMonAPFrameTypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxMonAPFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Frame Type-based packet and byte count entry for a monitored access point. |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID } |

monAPStatsTotMgmtPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of management packets observed from this BSSID. |

monAPStatsTotMgmtBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of management bytes observed from this BSSID. |

monAPStatsTotCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of control packets observed from this BSSID. |

monAPStatsTotCtrlBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of control bytes observed from this BSSID. |

monAPStatsTotDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of data packets observed from this BSSID. |

monAPStatsTotDataBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of data bytes observed from this BSSID. |

wlsxMonAPPktSizeStatsTable

The objects of the wlsx Mon AP Packet Size Statistics table provide channel statistics that are sorted by packet size.

wlsxMonAPPktSizeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsxMonAPPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Packet size-based packet count entry for a BSSID. |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID } |

monAPStatsPkts63Bytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were less than 64 bytes long. |
| History | Updated in AOS-W 3.1—description. |

monAPStatsPkts64To127

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were between 64 and 127 bytes long. |
| History | Updated in AOS-W 3.1—description. |

monAPStatsPkts128To255

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were between 128 and 255 bytes long. |

monAPStatsPkts256To511

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were between 256 and 511 bytes long. |

monAPStatsPkts512To1023

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were between 512 and 1023 bytes long. |

monAPStatsPkts1024To1518

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets transmitted by the access point that were between 1024 and 1518 bytes long. |

wlsxMonAPHTRateStatsTable

The objects of the wlsx Mon AP HPT Rate Stats table provide the monitored counts of access point packet and byte counts that are sorted by high throughput (HT) rates.

wlsxMonAPHTRateStatsEntry OBJECT-TYPE

SyntaxWlsxMonAPHTRateStatsEntry

Max-Accessnot-accessible

Statuscurrent

DescriptionData rate based packet and byte count entry for a monitored AP"

INDEX { monPhyAddress, monRadioNumber, monitoredApBSSID, monHTRate }

::= { wlsxMonAPHTRateStatsTable 1 }

WlsxMonAPHTRateStatsEntry ::=

SEQUENCE {

monHTRate ArubaHTRate,

monAPStatsTotHTPktsCounter32,

monAPStatsTotHTBytesCounter32

}

monHTRate OBJECT-TYPE

SyntaxArubaHTRate

Max-Accessread-only

Statuscurrent

DESCRIPTION

"

The rate at which the counters apply

"

::= { wlsxMonAPHTRateStatsEntry 1 }

monAPStatsTotHTPkts OBJECT-TYPE

SyntaxCounter32

Max-Accessread-only

Statuscurrent

DESCRIPTION

"

The total number of packets processed at the indicated rate

"

::= { wlsxMonAPHTRateStatsEntry 2 }

monAPStatsTotHTBytes OBJECT-TYPE

SyntaxCounter32

Max-Accessread-only

Statuscurrent

DESCRIPTION

"

The total number of bytes processed at the indicated rate

"

::= { wlsxMonAPHTRateStatsEntry 3 }

wlsxMonStationStatsTable

The objects of the wlsx Monitor Station Statistics table provide aggregate statistics collected for a station.

Table 49 *MonStationStats Table*

| Object | Object ID | |
|------------------------------|--------------------------------------|-----------------------------|
| wlsxMonStationStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1 | wlsxMonStationStatsTable 1 |
| monitoredStaPhyAddress | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.1 | wlsxMonStationStatsEntry 1 |
| monStaChannelNum | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.2 | wlsxMonStationStatsEntry 2 |
| monStaTxPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.3 | wlsxMonStationStatsEntry 3 |
| monStaTxBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.4 | wlsxMonStationStatsEntry 4 |
| monStaRxPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.5 | wlsxMonStationStatsEntry 5 |
| monStaRxBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.6 | wlsxMonStationStatsEntry 6 |
| monStaTxBCastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.7 | wlsxMonStationStatsEntry 7 |
| monStaTxBCastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.8 | wlsxMonStationStatsEntry 8 |
| monStaTxMCastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.9 | wlsxMonStationStatsEntry 9 |
| monStaTxMCastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.10 | wlsxMonStationStatsEntry 10 |
| monStaDataPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.11 | wlsxMonStationStatsEntry 11 |
| monStaCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.12 | wlsxMonStationStatsEntry 12 |
| monStaNumAssocRequests | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.13 | wlsxMonStationStatsEntry 13 |
| monStaNumAuthRequests | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.14 | wlsxMonStationStatsEntry 14 |
| monStaTxDeauthentications | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.15 | wlsxMonStationStatsEntry 15 |
| monStaRxDeauthentications | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.16 | wlsxMonStationStatsEntry 16 |
| monStaFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.17 | wlsxMonStationStatsEntry 17 |
| monStaFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.18 | wlsxMonStationStatsEntry 18 |
| monStaFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.19 | wlsxMonStationStatsEntry 19 |
| monStaFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.20 | wlsxMonStationStatsEntry 20 |
| monStaFrameBandwidthRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.21 | wlsxMonStationStatsEntry 21 |
| monStaFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.22 | wlsxMonStationStatsEntry 22 |

Table 49 *MonStationStats Table (Continued)*

| Object | Object ID | |
|-----------------------------|--------------------------------------|-----------------------------|
| monStaBSSID | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.23 | wlsxMonStationStatsEntry 23 |
| monStaESSID | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.24 | wlsxMonStationStatsEntry 24 |
| monStaPhyType | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.25 | wlsxMonStationStatsEntry 25 |
| monStaRSSI | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.26 | wlsxMonStationStatsEntry 26 |
| monStaFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.27 | wlsxMonStationStatsEntry 27 |

wlsxMonStationStatsEntry

| | |
|--------------------|---|
| Syntax | MonStationStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Monitored Station Stats Entry. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monitoredStaPhyAddress

| | |
|--------------------|---------------------------------------|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | MAC address of the monitored station. |

monStaChannelNum

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the station is currently using. |

monStaTxPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by this station. |

monStaTxBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes transmitted by this station. |

monStaRxPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by this station. |

monStaRxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes received by this station. |

monStaTxBCastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast packets transmitted by this station. |

monStaTxBCastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast bytes transmitted by this station. |

monStaTxMCastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast packets transmitted by this station. |

monStaTxMCastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast bytes transmitted by this station. |

monStaDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data packets transmitted by this station. |

monStaCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control packets transmitted by this station. |

monStaNumAssocRequests

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of association requests transmitted by this station. |

monStaNumAuthRequests

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of authentication requests transmitted by this station |

monStaTxDeauthentications

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentication frames transmitted by this station. |

monStaRxDeauthentications

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentication frames received by this station. |

monStaFrameRetryRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of retry packets as a percentage of the total packets transmitted and received by this station. |

monStaFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of low data rate (≤ 18 Mbps for A/G bands and ≤ 2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this station. |

monStaFrameNonUnicastRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast and multicast packets as a percentage of the total packets transmitted by this station. |

monStaFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of fragments as a percentage of the total packets transmitted by this station. |

monStaFrameBandwidthRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The bandwidth of this station in Kbps. |

monStaFrameRetryErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of error packets as a percentage of the total packets received by this station. |

monStaBSSID

| | |
|--------------------|---------------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | BSSID of the monitored station. |

monStaESSID

| | |
|--------------------|---------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the monitored station. |

monStaPhyType

| | |
|--------------------|------------------------------------|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | PHY type of the monitored station. |

monStaRSSI

| | |
|--------------------|-------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR of the monitored station. |

monStaFrameReceiveErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received by this station. |
| History | Added in AOS-W 3.1.0.0. |

wlsxMonStaRateStatsTable

The objects of the wlsx Monitor Station Statistics table provide station statistics sorted by data rates.

Table 50 *wlsxMonStaRateStatsTable OIDs*

| Object | Object ID | |
|--------------------------|--------------------------------------|-----------------------------|
| wlsxMonStaRateStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1 | wlsxMonStaRateStatsTable 1 |
| monStaTxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.1 | wlsxMonStaRateStatsEntry 1 |
| monStaTxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.2 | wlsxMonStaRateStatsEntry 2 |
| monStaTxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.3 | wlsxMonStaRateStatsEntry 3 |
| monStaTxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.4 | wlsxMonStaRateStatsEntry 4 |
| monStaTxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.5 | wlsxMonStaRateStatsEntry 5 |
| monStaTxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.6 | wlsxMonStaRateStatsEntry 6 |
| monStaTxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.7 | wlsxMonStaRateStatsEntry 7 |
| monStaTxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.8 | wlsxMonStaRateStatsEntry 8 |
| monStaTxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.9 | wlsxMonStaRateStatsEntry 9 |
| monStaTxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.10 | wlsxMonStaRateStatsEntry 10 |
| monStaTxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.11 | wlsxMonStaRateStatsEntry 11 |
| monStaTxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.12 | wlsxMonStaRateStatsEntry 12 |
| monStaTxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.13 | wlsxMonStaRateStatsEntry 13 |
| monStaTxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.14 | wlsxMonStaRateStatsEntry 14 |
| monStaTxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.15 | wlsxMonStaRateStatsEntry 15 |
| monStaTxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.16 | wlsxMonStaRateStatsEntry 16 |
| monStaTxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.17 | wlsxMonStaRateStatsEntry 17 |
| monStaTxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.18 | wlsxMonStaRateStatsEntry 18 |
| monStaTxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.19 | wlsxMonStaRateStatsEntry 19 |
| monStaTxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.20 | wlsxMonStaRateStatsEntry 20 |
| monStaTxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.21 | wlsxMonStaRateStatsEntry 21 |
| monStaTxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.22 | wlsxMonStaRateStatsEntry 22 |
| monStaRxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.23 | wlsxMonStaRateStatsEntry 23 |

Table 50 *wlsxMonStaRateStatsTable* OIDs (Continued)

| Object | Object ID | |
|-----------------------|--------------------------------------|-----------------------------|
| monStaRxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.24 | wlsxMonStaRateStatsEntry 24 |
| monStaRxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.25 | wlsxMonStaRateStatsEntry 25 |
| monStaRxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.26 | wlsxMonStaRateStatsEntry 26 |
| monStaRxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.27 | wlsxMonStaRateStatsEntry 27 |
| monStaRxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.28 | wlsxMonStaRateStatsEntry 28 |
| monStaRxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.29 | wlsxMonStaRateStatsEntry 29 |
| monStaRxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.30 | wlsxMonStaRateStatsEntry 30 |
| monStaRxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.31 | wlsxMonStaRateStatsEntry 31 |
| monStaRxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.32 | wlsxMonStaRateStatsEntry 32 |
| monStaRxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.33 | wlsxMonStaRateStatsEntry 33 |
| monStaRxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.34 | wlsxMonStaRateStatsEntry 34 |
| monStaRxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.35 | wlsxMonStaRateStatsEntry 35 |
| monStaRxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.36 | wlsxMonStaRateStatsEntry 36 |
| monStaRxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.37 | wlsxMonStaRateStatsEntry 37 |
| monStaRxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.38 | wlsxMonStaRateStatsEntry 38 |
| monStaRxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.39 | wlsxMonStaRateStatsEntry 39 |
| monStaRxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.40 | wlsxMonStaRateStatsEntry 40 |
| monStaRxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.41 | wlsxMonStaRateStatsEntry 41 |
| monStaRxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.42 | wlsxMonStaRateStatsEntry 42 |
| monStaRxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.43 | wlsxMonStaRateStatsEntry 43 |
| monStaRxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.44 | wlsxMonStaRateStatsEntry 44 |
| monStaTxPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.45 | wlsxMonStaRateStatsEntry 45 |
| monStaTxBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.46 | wlsxMonStaRateStatsEntry 46 |
| monStaRxPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.47 | wlsxMonStaRateStatsEntry 47 |
| monStaRxBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.48 | wlsxMonStaRateStatsEntry 48 |

wlsxMonStaRateStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxMonStaRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Data rate-based packet and byte count entry for a monitored station. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monStaTxPktsAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 1 Mbps rate. |

monStaTxBytesAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 1 Mbps rate. |

monStaTxPktsAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 2 Mbps rate. |

monStaTxBytesAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 2 Mbps rate. |

monStaTxPktsAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 5 Mbps rate. |

monStaTxBytesAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 5 Mbps rate. |

monStaTxPktsAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 11 Mbps rate. |

monStaTxBytesAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 11 Mbps rate. |

monStaTxPktsAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 6 Mbps rate. |

monStaTxBytesAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 6 Mbps rate. |

monStaTxPktsAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 12 Mbps rate. |

monStaTxBytesAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 12 Mbps rate. |

monStaTxPktsAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 18 Mbps rate. |

monStaTxBytesAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 18 Mbps rate. |

monStaTxPktsAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 24 Mbps rate. |

monStaTxBytesAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 24 Mbps rate. |

monStaTxPktsAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 36 Mbps rate. |

monStaTxBytesAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 36 Mbps rate. |

monStaTxPktsAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 48 Mbps rate. |

monStaTxBytesAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 48 Mbps rate. |

monStaTxPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 54Mbps rate. |

monStaTxBytesAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 54 Mbps rate. |

monStaRxPktsAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 1 Mbps rate. |

monStaRxBytesAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 1 Mbps rate. |

monStaRxPktsAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 2 Mbps rate. |

monStaRxBytesAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 2 Mbps rate. |

monStaRxPktsAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 5 Mbps rate. |

monStaRxBytesAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 5 Mbps rate. |

monStaRxPktsAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 11 Mbps rate. |

monStaRxBytesAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 11 Mbps rate. |

monStaRxPktsAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 6 Mbps rate. |

monStaRxBytesAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 6 Mbps rate. |

monStaRxPktsAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 12 Mbps rate. |

monStaRxBytesAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 12 Mbps rate. |

monStaRxPktsAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 18 Mbps rate. |

monStaRxBytesAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 18 Mbps rate. |

monStaRxPktsAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 24 Mbps rate. |

monStaRxBytesAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 24 Mbps rate. |

monStaRxPktsAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 36 Mbps rate. |

monStaRxBytesAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 36 Mbps rate. |

monStaRxPktsAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 48 Mbps rate. |

monStaRxBytesAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 48 Mbps rate. |

monStaRxPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 54 Mbps rate. |

monStaRxBytesAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 54 Mbps rate. |

monStaTxPktsAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station at 9 Mbps rate. |

monStaTxBytesAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets transmitted by the station at 9 Mbps rate. |

monStaRxPktsAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station at 9 Mbps rate. |

monStaRxBytesAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of octets received by the station at 9 Mbps rate. |

wlsxMonStaDATypeStatsTable

The objects of the wlsx Monitor Station DA Type Statistics table provide station statistics sorted by Destination Address (DA) types.

Table 51 *MonStaDATypeStatsTable OIDs*

| Object | Object ID | |
|----------------------------|-------------------------------------|------------------------------|
| wlsxMonStaDATypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1 | wlsxMonStaDATypeStatsTable 1 |
| monStaTxDABroadcastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.1 | wlsxMonStaDATypeStatsEntry 1 |
| monStaTxDABroadcastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.2 | wlsxMonStaDATypeStatsEntry 2 |
| monStaTxDAMulticastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.3 | wlsxMonStaDATypeStatsEntry 3 |
| monStaTxDAMulticastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.4 | wlsxMonStaDATypeStatsEntry 4 |
| monStaTxDAUnicastPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.5 | wlsxMonStaDATypeStatsEntry 5 |
| monStaTxDAUnicastBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.6 | wlsxMonStaDATypeStatsEntry 6 |

wlsxMonStaDATypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxMonStaDATypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Data rate-based packet and byte count entry for a monitored station. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monStaTxDABroadcastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of broadcast packets transmitted by this station. |

monStaTxDABroadcastBytes

| | |
|-------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of broadcast bytes transmitted by this station. |

monStaTxDAMulticastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of multicast packets transmitted by this station. |

monStaTxDAMulticastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of multicast bytes transmitted by this station. |

monStaTxDAUnicastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total of unicast packets transmitted by this station. |

monStaTxDAUnicastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total of unicast bytes transmitted by this station. |

wlsxMonStaFrameTypeStatsTable

The objects of the wlsx Monitor Station Frame Type Statistics table provide packet and byte counts for monitored stations. The information is sorted by frame type.

Table 52 *MonStaFrameTypeStatsTable OIDs*

| Object | Object ID | |
|-------------------------------|--------------------------------------|----------------------------------|
| wlsxMonStaFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1 | wlsxMonStaFrameTypeStatsTable 1 |
| monStaTxMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.1 | wlsxMonStaFrameTypeStatsTable 1 |
| monStaTxMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.2 | wlsxMonStaFrameTypeStatsTable 2 |
| monStaTxCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.3 | wlsxMonStaFrameTypeStatsTable 3 |
| monStaTxCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.4 | wlsxMonStaFrameTypeStatsTable 4 |
| monStaTxDataPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.5 | wlsxMonStaFrameTypeStatsTable 5 |
| monStaTxDataBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.6 | wlsxMonStaFrameTypeStatsTable 6 |
| monStaRxMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.7 | wlsxMonStaFrameTypeStatsTable 7 |
| monStaRxMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.8 | wlsxMonStaFrameTypeStatsTable 8 |
| monStaRxCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.9 | wlsxMonStaFrameTypeStatsTable 9 |
| monStaRxCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.10 | wlsxMonStaFrameTypeStatsTable 10 |
| monStaRxDataPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.11 | wlsxMonStaFrameTypeStatsTable 11 |
| monStaRxDataBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.12 | wlsxMonStaFrameTypeStatsTable 12 |

wlsxMonStaFrameTypeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsxMonStaFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Frame type-based packet and byte count entry for a monitored station. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monStaTxMgmtPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted management packets from a station. |

monStaTxMgmtBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted management bytes from a station. |

monStaTxCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted control packets from a station. |

monStaTxCtrlBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted control bytes from a station. |

monStaTxDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted data packets from a station. |

monStaTxDataBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the transmitted data bytes observed from this station. |

monStaRxMgmtPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received management packets at a station. |

monStaRxMgmtBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received management bytes at a station. |

monStaRxCtrlPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received control packets at a station. |

monStaRxCtrlBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received control bytes at a station. |

monStaRxDataPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received data packets at a station. |

monStaRxDataBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of received data bytes at a station. |

wlsxMonStaPktSizeStatsTable

The objects of the wlsx Monitor Station Packet Size Statistics table provide packet and byte counts for monitored stations. The information is sorted by packet sizes.

Table 53 *wlsxMonStaPktSizeStatsTable OIDs*

| Object | Object ID | |
|-----------------------------|--------------------------------------|-------------------------------|
| wlsxMonStaPktSizeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1 | wlsxMonStaPktSizeStatsTable 1 |
| monStaTxPkts63Bytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.1 | wlsxMonStaPktSizeStatsEntry1 |
| monStaTxPkts64To127 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.2 | wlsxMonStaPktSizeStatsEntry2 |
| monStaTxPkts128To255 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.3 | wlsxMonStaPktSizeStatsEntry3 |
| monStaTxPkts256To511 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.4 | wlsxMonStaPktSizeStatsEntry4 |
| monStaTxPkts512To1023 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.5 | wlsxMonStaPktSizeStatsEntry5 |
| monStaTxPkts1024To1518 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.6 | wlsxMonStaPktSizeStatsEntry6 |
| monStaRxPkts63Bytes | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.7 | wlsxMonStaPktSizeStatsEntry7 |
| monStaRxPkts64To127 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.8 | wlsxMonStaPktSizeStatsEntry8 |
| monStaRxPkts128To255 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.9 | wlsxMonStaPktSizeStatsEntry9 |
| monStaRxPkts256To511 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.10 | wlsxMonStaPktSizeStatsEntry10 |
| monStaRxPkts512To1023 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.11 | wlsxMonStaPktSizeStatsEntry11 |
| monStaRxPkts1024To1518 | 1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.12 | wlsxMonStaPktSizeStatsEntry12 |

wlsxMonStaPktSizeStatsEntry

| | |
|--------------------|---|
| Syntax | wlsxMonStaPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Packet size-based packet count entry for a monitored station. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monStaTxPkts63Bytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were less than 64 bytes long. |

monStaTxPkts64To127

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were between 64 and 127 bytes long. |

monStaTxPkts128To255

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were between 128 and 255 bytes long. |

monStaTxPkts256To511

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were between 256 and 511 bytes long. |

monStaTxPkts512To1023

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were between 512 and 1023 bytes long. |

monStaTxPkts1024To1518

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets transmitted by the station that were between 1024 and 1518 bytes long. |

monStaRxPkts63Bytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were less than 64 bytes long. |

monStaRxPkts64To127

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were between 64 and 127 bytes long. |

monStaRxPkts128To255

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were between 128 and 255 bytes long. |

monStaRxPkts256To511

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were between 256 and 511 bytes long. |

monStaRxPkts512To1023

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were between 512 and 1023 bytes long. |

monStaRxPkts1024To1518

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the number of packets received by the station that were between 1024 and 1518 bytes long. |

wlsxMonAPInfoTable

The objects of the wlsx Monitor AP Information table list the Access Points being monitored by the switch.

Table 54 *wlsxMonAPInfoTable OIDs*

| Object | Object ID | |
|-------------------------|--------------------------------------|-----------------------|
| wlsxMonAPInfoEntry | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1 | wlsxMonAPInfoTable 1 |
| monAPInfoPhyType | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.1 | wlsxMonAPInfoEntry 1 |
| monAPInfoCurrentChannel | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.2 | wlsxMonAPInfoEntry 2 |
| monAPInfoClassification | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.3 | wlsxMonAPInfoEntry 3 |
| monAPInfoESSID | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.4 | wlsxMonAPInfoEntry 4 |
| monAPInfoRSSI | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.5 | wlsxMonAPInfoEntry 5 |
| monAPInfoMonitorTime | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.6 | wlsxMonAPInfoEntry 6 |
| monAPInfoInactivityTime | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.7 | wlsxMonAPInfoEntry 7 |
| monAPInfoSnrSignalPkts | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.8 | wlsxMonAPInfoEntry 8 |
| monAPInfoSnrSampleTime | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.9 | wlsxMonAPInfoEntry 9 |
| monAPInfoStatus | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.10 | wlsxMonAPInfoEntry 10 |
| monAPInfoConfidence | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.11 | wlsxMonAPInfoEntry 11 |
| monAPInfoMatchType | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.12 | wlsxMonAPInfoEntry 12 |
| monAPInfoMatchMethod | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.13 | wlsxMonAPInfoEntry 13 |
| monAPInfoHTMode | 1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.14 | wlsxMonAPInfoEntry 14 |

wlsxMonAPInfoEntry

| | |
|--------------------|---|
| Syntax | wlsxMonAPInfoEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Access Point Info entry |
| Index | { monPhyAddress, monRadioNumber, monitoredApBSSID } |

monAPInfoPhyType

| | |
|--------------------|---|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | PHY type of the monitored access point. |

monAPInfoCurrentChannel

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Channel the monitored access point is using. |

monAPInfoClassification

| | |
|--------------------|--|
| Syntax | ArubaRogueApType |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the type of the access point. |

monAPInfoESSID

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the monitored access point. |

monAPIInfoRSSI

| | |
|--------------------|------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR of the monitored access point. |

monAPIInfoMonitorTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates how long the access point has been monitored. |

monAPIInfoInactivityTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates how long the access point has been inactive. |

monAPIInfoSnrSignalPkts

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring access point during this sample time. |

monAPIInfoSnrSampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which SNR data was collected. |

monAPIInfoStatus

| | |
|--------------------|---|
| Syntax | Integer up(1) down(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether this access point is considered to be up or down. |

monAPIInfoConfidence

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the confidence that a suspected rogue access point is in fact a rogue in terms of percentage. |
| History | Added in AOS-W 3.1.0.0. |

monAPIInfoMatchType

| | |
|--------------------|--|
| Syntax | ArubaAPMatchType |
| Max-Access | read-only |
| Status | current |
| Description | The method used to classify the access point as a rogue or suspected rogue AP. |
| History | Added in AOS-W 3.1.0.0. |

monAPIInfoMatchMethod

| | |
|--------------------|---|
| Syntax | ArubaAPMatchMethod |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the match occurred for rogue or suspect-rogue classification— an exact or +1 or -1 MAC match. |
| History | Added in AOS-W 3.1.0.0. |

monAPIInfoHTMode

| | |
|--------------------|--|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the HT mode of the monitored AP, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlsxMonStationInfoTable

The objects of the wlsx Monitor Station Information table provide statistics of all the wireless stations that are monitored.

Table 55 *wlsxMonStationInfoTable OIDs*

| Object | Object ID | |
|-------------------------------------|--------------------------------------|---------------------------|
| wlsxMonStationInfoEntry | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1 | wlsxMonStationInfoTable 1 |
| monStaInfoChannelNummonStaInfoBSSID | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.1 | MonStationInfoEntry 1 |
| monStaInfoChannelNummonStaInfoBSSID | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.2 | MonStationInfoEntry 2 |
| monStaInfoESSID | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.3 | MonStationInfoEntry 3 |
| monStaInfoPhyType | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.4 | MonStationInfoEntry 4 |
| monStaInfoRSSI | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.5 | MonStationInfoEntry 5 |
| monStaInfoClassification | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.6 | MonStationInfoEntry6 |
| monStaInfoMonitorTime | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.7 | MonStationInfoEntry 7 |
| monStaInfoInactivityTime | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.8 | MonStationInfoEntry 8 |
| monStaInfoSnrSignalPkts | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.9 | MonStationInfoEntry 9 |
| monStaInfoSnrSampleTime | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.10 | MonStationInfoEntry 10 |
| monStaInfoStatus | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.11 | MonStationInfoEntry 11 |
| monStaInfoHTMode | 1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.12 | MonStationInfoEntry 12 |

wlsxMonStationInfoEntry

| | |
|--------------------|---|
| Syntax | MonStationInfoEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station entry information. |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress } |

monStaInfoChannelNummonStaInfoBSSID

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the station is currently using. |
| History | Updated in AOS-W 3.1—description. |

| | |
|--------------------|-----------------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | BSSID of the monitored station. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoESSID

| | |
|--------------------|-----------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the monitored station. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoPhyType

| | |
|--------------------|------------------------------------|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | PHY type of the monitored station. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoRSSI

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR of the monitored station. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoClassification

| | |
|--------------------|--|
| Syntax | ArubaStationType |
| Max-Access | read-only |
| Status | current |
| Description | Classification of the monitored station. |

monStalInfoMonitorTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates how long the station has been monitored. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoInactivityTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates how long the station has been inactive. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoSnrSignalPkts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring station during this sample time. |
| History | Updated in AOS-W 3.1—description. |

monStalInfoSnrSampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which SNR data was collected. |

monStalInfoStatus

| | |
|--------------------|--|
| Syntax | Integer up(1) down(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether this station is considered up or down. |

monStaInfoHTMode

| | |
|--------------------|---|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the HT mode of the station, if any. |
| History | Added in ArubasOS 3.3.0.0. |

wlsxMonEventCountTable

The objects of the wlsx Monitor Event Count table provide the event ID and the number of events of the event type.

Table 56 *wlsxMonEventCountTable OIDs*

| Object | Object ID | |
|--|-------------------------------------|--------------------------|
| wlsxMonEventCountEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1 | wlsxMonEventCountTable 1 |
| monEventID | 1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.1 | wlsxMonEventCountEntry 1 |
| monEventCount | 1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.2 | wlsxMonEventCountEntry 2 |

wlsxMonEventCountEntry

| | |
|--------------------|-------------------------|
| Syntax | MonEventCountEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Event count entry. |
| Index | { monEventID } |
| History | Added in AOS-W 3.1.0.0. |

monEventID

| | |
|--------------------|-------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Event ID. |
| History | Added in AOS-W 3.1.0.0. |

monEventCount

| | |
|--------------------|-------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Event count. |
| History | Added in AOS-W 3.1.0.0. |

wlsxMonStationHTRateStatsTable

This table contains all the monitored AP Packet and Byte Counts but represented in terms of HT rate categories.

Table 57 *wlsxMonStationHTRateStatsTable OIDs*

| Object | Object ID | |
|--|---------------------------------------|----------------------------------|
| wlsxMonStationHTRateStatsEntry | 1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7 | wlsxMonStationHTRateStatsTable 1 |
| monStaTxHTPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.1 | wlsxMonStationHTRateStatsEntry 1 |
| monStaTxHTBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.2 | wlsxMonStationHTRateStatsEntry 2 |
| monStaRxHTPkts | 1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.3 | wlsxMonStationHTRateStatsEntry 3 |
| monStaRxHTBytes | 1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.3 | wlsxMonStationHTRateStatsEntry 4 |

wlsxMonStationHTRateStatsEntry

| | |
|--------------------|--|
| Syntax | WlsxMonStationHTRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | HT Data rate based packet and byte count entry for a monitored station |
| Index | { monPhyAddress, monRadioNumber, monitoredStaPhyAddress, monHTRate } |
| History | Added in AOS-W 3.3.0.0. |

monStaTxHTPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets transmitted at the indicated rate. |
| History | Added in AOS-W 3.3.0.0. |

monStaTxHTBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes transmitted at the indicated rate. |
| History | Added in AOS-W 3.3.0.0. |

monStaRxHTPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets received at the indicated rate. |
| History | Added in AOS-W 3.3.0.0. |

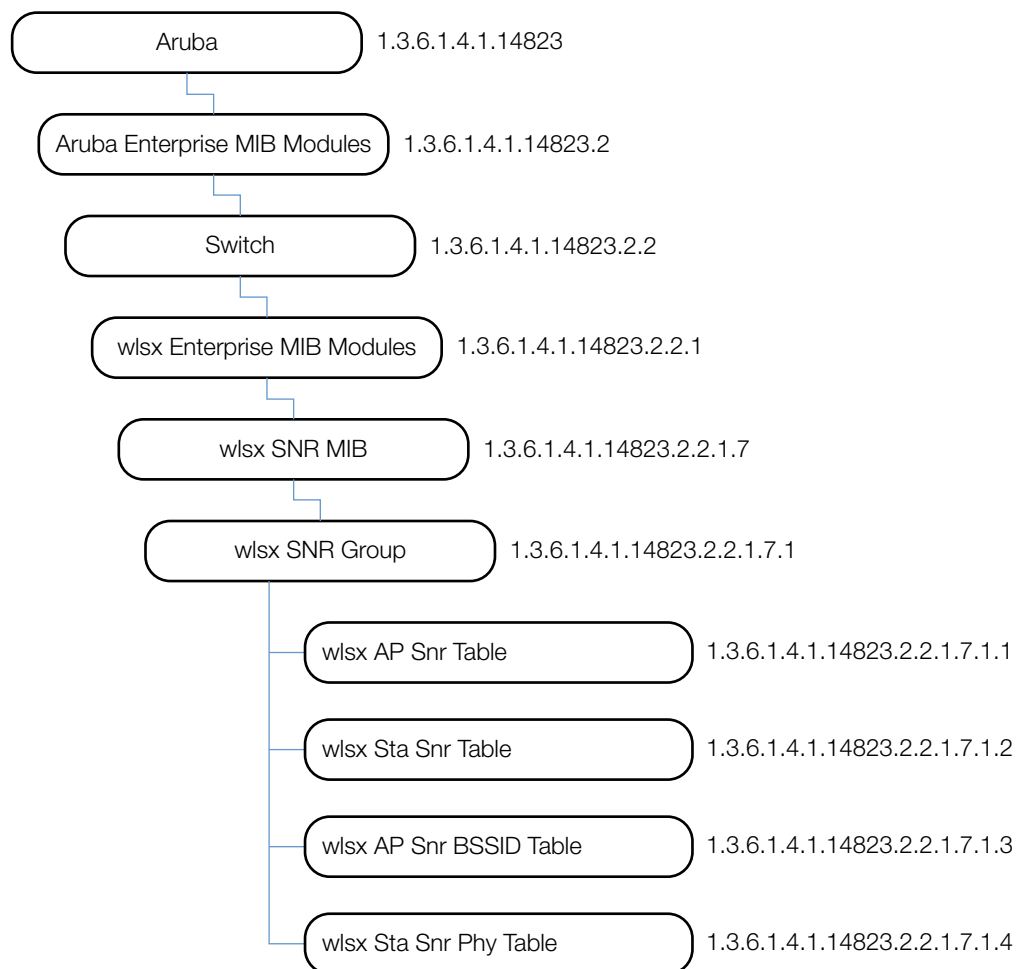
monStaRxHTBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes received at the indicated rate. |
| History | Added in AOS-W 3.3.0.0. |

The Signal Noise Ratio (SNR) module provides information about signal quality and packets. One value of SNR is the signal quality during a sample period. The signal quality affects the quality of the transmitted packets. The available SNR values include signal strength (total, maximum, minimum). Additional information is the number of packets that were transmitted during the sample time.

Figure 13 shows the architecture of the SNR MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The SNR MIBs are listed in the file *aruba-snr.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 13 SNR Hierarchy



The SNR MIB contains the following tables. The objects of each table are described in the following sections.

Table 58 *SNR Tables*

| Table | Description |
|---------------------|---|
| wlsxAPSnrTable | This table lists SNR information about monitored APs. |
| wlsxStaSnrTable | This table lists SNR information about monitored stations. |
| wlsxAPSnrBSSIDTable | This table lists SNR information about monitored access points. |
| wlsxStaSnrPhyTable | This table lists SNR information about monitored stations. |

wlsxAPSnrTable

The objects of the wlsx AP SNR table provide signal information about the access points connected to this switch.

Table 59 *wlsxAPSnrTable OIDs*

| Object | Object ID | |
|------------------------------|-----------------------------------|------------------|
| wlsxAPSnrEntry | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1 | wlsxAPSnrTable 1 |
| apSnrAverageSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1.1 | wlsxAPSnrEntry 1 |
| apSnrSignalPkts | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1.2 | wlsxAPSnrEntry 2 |
| apSnrHighestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1.3 | wlsxAPSnrEntry 3 |
| apSnrLowestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1.4 | wlsxAPSnrEntry 4 |
| apSnrSampleTime | 1.3.6.1.4.1.14823.2.2.1.7.1.1.1.5 | wlsxAPSnrEntry 5 |

wlsxAPSnrEntry

| | |
|--------------------|---|
| Syntax | wlsxAPSnrEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | {monPhyAddress, monRadioNumber, monitoredApBSSID} |

apSnrAverageSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The total signal strength observed by the monitoring station during this sample time. |

apSnrSignalPkts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring station during this sample time. |

apSnrHighestRxSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The highest signal strength observed by the monitoring station during this sample time. |

apSnrLowestRxSignalStrength

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The lowest signal strength observed by the monitoring station during this sample time. |

apSnrSampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which this data is collected. |

wlsxStaSnrTable

The objects of the station SNR table provide signal information about the access points connected to this switch.

Table 60 *wlsxStaSnrTable OIDs*

| Object | Object ID | |
|------------------------------|-----------------------------------|-------------------|
| wlsxAPSnrEntry | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1 | wlsxStaSnrTable 1 |
| apSnrAverageSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1.1 | wlsxStaSnrEntry 1 |
| apSnrSignalPkts | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1.2 | wlsxStaSnrEntry 2 |
| apSnrHighestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1.3 | wlsxStaSnrEntry 3 |
| apSnrLowestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1.4 | wlsxStaSnrEntry 4 |
| apSnrSampleTime | 1.3.6.1.4.1.14823.2.2.1.7.1.2.1.5 | wlsxStaSnrEntry 5 |

wlsxStaSnrEntry

| | |
|--------------------|---|
| Syntax | wlsxStaSnrEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | {monPhyAddress, monRadioNumber, monitoredStaPhyAddress} |

staSnrAverageSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The total signal strength observed by the monitoring station during this sample time. |

staSnrSignalPkts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring station during this sample time. |

staSnrHighestRxSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The highest signal strength observed by the monitoring station during this sample time. |

staSnrLowestRxSignalStrength

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The lowest signal strength observed by the monitoring station during this sample time. |

staSnrSampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which this data is collected. |

wlsxAPSnrBSSIDTable

The objects of the wlsx Access Point SNR BSSID table provide signal information about the monitored access points.

Table 61 *wlsxAPSnrBSSIDTable*

| Object | Object ID | |
|-----------------------------------|-----------------------------------|-----------------------|
| wlsxAPSnrBSSIDEntry | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1 | wlsxAPSnrBSSIDTable 1 |
| apSnrBSSIDAverageSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1.1 | wlsxAPSnrBSSIDEntry 1 |
| apSnrBSSIDSignalPkts | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1.2 | wlsxAPSnrBSSIDEntry 2 |
| apSnrBSSIDHighestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1.3 | wlsxAPSnrBSSIDEntry 3 |
| apSnrBSSIDLowestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1.4 | wlsxAPSnrBSSIDEntry 4 |
| apSnrBSSIDSampleTime | 1.3.6.1.4.1.14823.2.2.1.7.1.3.1.5 | wlsxAPSnrBSSIDEntry 5 |

wlsxAPSnrBSSIDEntry

| | |
|--------------------|---|
| Syntax | wlsxAPSnrBSSIDEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | {monitoredApBSSID, monPhyAddress, monRadioNumber} |

apSnrBSSIDAverageSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The total signal strength observed by the monitoring station during this sample time. |

apSnrBSSIDSignalPkts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring station during this sample time. |

apSnrBSSIDHighestRxSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The highest signal strength observed by the monitoring station during this sample time. |

apSnrBSSIDLowestRxSignalStrength

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The lowest signal strength observed by the monitoring station during this sample time. |

apSnrBSSIDSampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which this data is collected. |

wlsxStaSnrPhyTable

The objects of the wlsx Station SNR PHY table provide information of the monitored stations.

Table 62 *wlsxStaSnrPhyTable OIDs*

| Object | Object ID | |
|----------------------------------|-----------------------------------|----------------------|
| wlsxStaSnrPhyEntry | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1 | wlsxStaSnrPhyTable 1 |
| staSnrPhyAverageSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1.1 | wlsxStaSnrPhyEntry 1 |
| staSnrPhySignalPkts | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1.2 | wlsxStaSnrPhyEntry 2 |
| staSnrPhyHighestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1.3 | wlsxStaSnrPhyEntry 3 |
| staSnrPhyLowestRxSignalStrength | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1.4 | wlsxStaSnrPhyEntry 4 |
| staSnrPhySampleTime | 1.3.6.1.4.1.14823.2.2.1.7.1.4.1.5 | wlsxStaSnrPhyEntry 5 |

wlsxStaSnrPhyEntry

| | |
|--------------------|---|
| Syntax | wlsxStaSnrPhyEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | {monitoredStaPhyAddress, monPhyAddress, monRadioNumber} |

staSnrPhyAverageSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The total signal strength observed by the monitoring station during this sample time. |

staSnrPhySignalPkts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of signal packets observed by the monitoring station during this sample time. |

staSnrPhyHighestRxSignalStrength

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The highest signal strength observed by the monitoring station during this sample time. |

staSnrPhyLowestRxSignalStrength

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The lowest signal strength observed by the monitoring station during this sample time. |

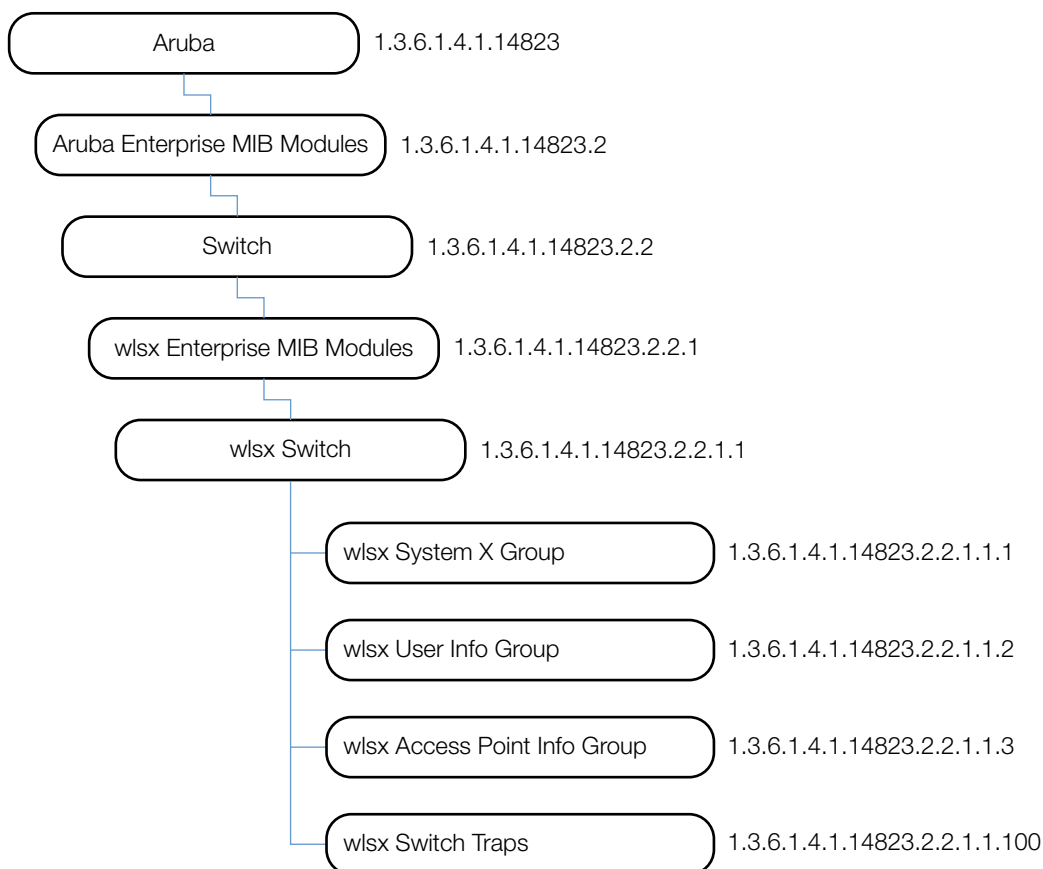
staSnrPhySampleTime

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The sample time in which this data is collected. |

The Switch module provides statistical information about Alcatel-Lucent switches, including storage and memory utilization, and the wireless stations associated with the access points.

Figure 14 shows the architecture of the Switch MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Switch MIBs are listed in the file `aruba-switch.my`. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 14 *Switch Hierarchy*



The Switch MIB contains the following groups and tables. The objects of each table are described in the following sections.

Table 63 *System X Group MIB Objects*

| Tables | |
|-------------------------------------|--|
| <code>wlsxSystemXGroup</code> | This group lists information that describes a switch, such as the IP of the switch, and the licenses that are applied to that switch |
| <code>wlsxSwitchListTable</code> | This table lists the switches in the domain. |
| <code>wlsxSwitchLicenseTable</code> | This table lists all valid licenses installed on the switch. |

Table 63 System X Group MIB Objects (Continued)

| Tables | |
|---------------------------------|---|
| wlsxSysXProcessorTable | This table lists all the processors and the corresponding load. |
| wlsxSysXStorageTable | This table lists the storage devices in the switch and their utilization numbers. |
| wlsxSysXMemoryTable | This table lists the memory utilization of the switch. |
| wlsxSwitchUserTable | This table lists all the users (both wired and wireless) connected to the switch. Users are identified by their IP address. |
| wlsxSwitchUser6Table | This table lists all the users (both wired and wireless) connected to the switch. Users are identified by their IP address. The objects support IPv6. |
| wlsxSwitchStationMgmtTable | This table lists the wireless stations associated with the access points connected to this switch. |
| wlsxSwitchStationStatsTable | This table lists the statistics of the wireless stations associated with the access points connected to this switch. The stats are indexed by the Station MAC and the AP BSSID. |
| wlsxAccessPointInfoGroup | This group lists all the access points and stations that are associated with a switch. |
| wlsxSwitchAccessPointTable | This table lists the access points connected to this switch. |
| wlsxSwitchGlobalAPTable | This table lists the access points connected in the switch domain. This table is only valid on a master switch. On a local switch, the table is empty. |
| wlsxSwitchAccessPointStatsTable | This table lists the statistics of all the access points connected to this switch. |
| wlsxSwitchTraps Group | This table lists the traps related to the switch platform. |
| Switch Traps–Notifications | This table lists the switch traps. |
| Platform Traps | This table lists the platform traps. |

wlsxSystemXGroup

The objects of the wlsx System X Group provided information that describes a switch, such as the IP of the switch, and the licenses that are applied to that switch.

Table 64 wlsxSystemXGroup OIDs

| Object | Object ID | |
|--------------------|-------------------------------|--------------------|
| wlsxHostname | 1.3.6.1.4.1.14823.2.2.1.1.1.1 | wlsxSystemXGroup 1 |
| wlsxModelName | 1.3.6.1.4.1.14823.2.2.1.1.1.2 | wlsxSystemXGroup 2 |
| wlsxSwitchIp | 1.3.6.1.4.1.14823.2.2.1.1.1.3 | wlsxSystemXGroup 3 |
| wlsxSwitchRole | 1.3.6.1.4.1.14823.2.2.1.1.1.4 | wlsxSystemXGroup 4 |
| wlsxSwitchMasterIp | 1.3.6.1.4.1.14823.2.2.1.1.1.5 | wlsxSystemXGroup 5 |

wlsxHostname

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString (Size(1..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the switch. |

wlsxModelName

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString (Size(1..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Model name of the switch. |

wlsxSwitchIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Switch IP as configured by the user. This IP address uniquely identifies the switch. |

wlsxSwitchRole

| | |
|--------------------|--|
| Syntax | Integer master(1) local(2) standbymaster(3) |
| Max-Access | read-only |
| Status | current |
| Description | Role of this switch in the switch domain. |

wlsxSwitchMasterIp

| | |
|--------------------|-------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Master IP of the switch |

wlsxSwitchListTable

The objects of the wlsx Switch List table list the switches in the domain.



This table is only populated on the master switch—information can only be queried from the master switch. If a local switch is queried, an empty table will be returned.

Table 65 *wlsxSwitchListTable* OIDs

| Object | Object ID | |
|---------------------------|-------------------------------------|-----------------------|
| wlsxSwitchListEntry | 1.3.6.1.4.1.14823.2.2.1.1.1.6.1 | wlsxSwitchListTable 1 |
| switchListSwitchIPAddress | 1.3.6.1.4.1.14823.2.2.1.1.1.6.1.1 | wlsxSwitchListEntry 1 |
| switchListSwitchRole | 1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2 | wlsxSwitchListEntry 2 |
| wlsxSwitchLicenseCount | 1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2.3 | wlsxSwitchListEntry 3 |

wlsxSwitchListEntry

| | |
|--------------------|-------------------------------|
| Syntax | MxSwitchListEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Switch List Entry. |
| Index | { switchListSwitchIPAddress } |

switchListSwitchIPAddress

| | |
|--------------------|--------------------------|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | P Address of the switch. |

switchListSwitchRole

| | |
|--------------------|--|
| Syntax | Integer master(1) local(2) standbymaster(3) |
| Max-Access | read-only |
| Status | current |
| Description | Role of the switch. |

wlsxSwitchLicenseCount

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of licenses installed on the switch. |

wlsxSwitchLicenseTable

The objects of the wlsx Switch License table list all valid licenses installed on the switch.

Table 66 *wlsxSwitchLicenseTable OIDs*

| Object | Object ID | |
|------------------|-----------------------------------|--------------------------|
| wlsxLicenseEntry | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1 | wlsxSwitchLicenseTable 1 |
| licenseIndex | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.1 | wlsxLicenseEntry 1 |
| licenseKey | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.2 | wlsxLicenseEntry 2 |
| licenseInstalled | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.3 | wlsxLicenseEntry 3 |
| licenseExpires | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.4 | wlsxLicenseEntry 4 |
| licenseFlags | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.5 | wlsxLicenseEntry 5 |
| licenseService | 1.3.6.1.4.1.14823.2.2.1.1.1.8.1.6 | wlsxLicenseEntry 6 |

wlsxLicenseEntry

| | |
|--------------------|------------------|
| Syntax | LicenseEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | License Entry. |
| Index | { licenseIndex } |

licenseIndex

| | |
|--------------------|--------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | License ID number. |

licenseKey

| | |
|--------------------|---------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License Key. |

licenseInstalled

| | |
|--------------------|----------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License installation time. |

licenseExpires

| | |
|--------------------|----------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License expiry time. |

licenseFlags

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License flags E – enabled A – auto-generated R – reboot required to activate |

licenseService

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The service enabled by this license. |

wlsxSysXProcessorTable

The objects of the wlsx Sys XProcessor table list all the processors and the corresponding load.

Table 67 wlsxSysXProcessorTable OIDs

| Object | Object ID | |
|------------------------|-----------------------------------|--------------------------|
| wlsxSysXProcessorEntry | 1.3.6.1.4.1.14823.2.2.1.1.1.9.1 | wlsxSysXProcessorTable 1 |
| sysXProcessorID | 1.3.6.1.4.1.14823.2.2.1.1.1.9.1.1 | wlsxSysXProcessorEntry 1 |
| sysXProcessorDescr | 1.3.6.1.4.1.14823.2.2.1.1.1.9.1.2 | wlsxSysXProcessorEntry 2 |
| sysXProcessorLoad | 1.3.6.1.4.1.14823.2.2.1.1.1.9.1.3 | wlsxSysXProcessorEntry 3 |

wlsxSysXProcessorEntry

| | |
|--------------------|---|
| Syntax | wlsxSysXProcessorEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| History | Added in AOS-W 2.3. |

sysXProcessorID

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Processor Index. |
| History | Added in AOS-W 2.3. |

sysXProcessorDescr

| | |
|--------------------|-------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Description of the processor. |
| History | Added in AOS-W 2.3. |

sysXProcessorLoad

| | |
|--------------------|--|
| Syntax | Integer32 (0..100) |
| Max-Access | read-only |
| Status | current |
| Description | The average, over the last minute, of the percentage of time that this processor was not idle. |
| History | Added in AOS-W 2.3. |

wlsxSysXStorageTable

The objects of the wlsx Sys XStorage table list the storage devices in the switch.

Table 68 *wlsxSysXStorageTable OIDs*

| Object | Object ID | |
|----------------------|------------------------------------|------------------------|
| wlsxSysXStorageEntry | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1 | wlsxSysXStorageTable 1 |
| sysXStorageIndex | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1.1 | wlsxSysXStorageEntry 1 |
| sysXStorageType | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1.2 | wlsxSysXStorageEntry 2 |
| sysXStorageSize | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1.3 | wlsxSysXStorageEntry 3 |
| sysXStorageUsed | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1.4 | wlsxSysXStorageEntry 4 |
| sysXStorageName | 1.3.6.1.4.1.14823.2.2.1.1.1.10.1.5 | wlsxSysXStorageEntry 5 |

wlsxSysXStorageEntry

| | |
|--------------------|--|
| Syntax | wlsxSysXStorageEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one long-term storage device contained by the switch. |
| History | Added in AOS-W 2.3. |

sysXStorageIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | The storage index. |
| History | Added in AOS-W 2.3. |

sysXStorageType

| | |
|--------------------|--|
| Syntax | Integer ram(1) flashMemory(2) |
| Max-Access | read-only |
| Status | current |
| Description | The storage type is indicated by <i>Syntax</i> . |
| History | Added in AOS-W 2.3. |

sysXStorageSize

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The size of the storage file system in MB. |
| History | Added in AOS-W 2.3. |

sysXStorageUsed

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The size of the storage file system in MB. |
| History | Added in AOS-W 2.3. |

sysXStorageName

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The name of the storage file system. |
| History | Added in AOS-W 2.3. |

wlsxSysXMemoryTable

The objects of the wlsx Sys XMemory table describes the memory utilization of the switch.

Table 69 *wlsxSysXMemoryTable* OIDs

| Object | Object ID | |
|-------------------------------------|------------------------------------|-----------------------|
| wlsxSysXMemoryEntry | 1.3.6.1.4.1.14823.2.2.1.1.1.11.1 | wlsxSysXMemoryTable 1 |
| ysysXMemoryIndex | 1.3.6.1.4.1.14823.2.2.1.1.1.11.1.1 | wlsxSysXMemoryEntry 1 |

Table 69 *wlsxSysXMemoryTable OIDs (Continued)*

| Object | Object ID | |
|-------------------------------|------------------------------------|-----------------------|
| sysXMemorySize | 1.3.6.1.4.1.14823.2.2.1.1.1.11.1.2 | wlsxSysXMemoryEntry 2 |
| sysXMemoryUsed | 1.3.6.1.4.1.14823.2.2.1.1.1.11.1.3 | wlsxSysXMemoryEntry 3 |
| sysXMemoryFree | 1.3.6.1.4.1.14823.2.2.1.1.1.11.1.4 | wlsxSysXMemoryEntry 4 |
| wlsxSwitchLicenseSerialNumber | 1.3.6.1.4.1.14823.2.2.1.1.1.12 | wlsxSystemXGroup 12 |

wlsxSysXMemoryEntry

| | |
|--------------------|---|
| Syntax | WlsxSysXMemoryEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one memory region on the switch. Currently, only the CP region is monitored. |
| History | Added in AOS-W 2.3. |

ysysXMemoryIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Memory index. |
| History | Added in AOS-W 2.3. |

sysXMemorySize

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total memory in KB. |
| History | Added in AOS-W 2.3. |

sysXMemoryUsed

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Used memory in KB. |
| History | Added in AOS-W 2.3. |

sysXMemoryFree

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Free memory in KB. |
| History | Added in AOS-W 2.3. |

wlsxSwitchLicenseSerialNumber

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The license serial number of the switch. |

wlsxSwitchUserTable

The objects of the wlsx Switch User table list all the users (wired and wireless) that are connected to the switch. Users are identified by their IP addresses.

Table 70 *wlsxSwitchUserTable* OIDs

| Object | Object ID | |
|--------------------------|------------------------------------|-----------------------------|
| wlsxSwitchUserEntry | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1 | MxSwitchMxSwitchUserTable 1 |
| userIpAddress | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.1 | MxSwitchUserEntry 1 |
| userPhyAddress | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.2 | MxSwitchUserEntry 2 |
| userName | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.3 | MxSwitchUserEntry 3 |
| userRole | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.4 | MxSwitchUserEntry 4 |
| userUpTime | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.5 | MxSwitchUserEntry 5 |
| userAuthenticationMethod | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.6 | MxSwitchUserEntry 6 |
| userLocation | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.7 | MxSwitchUserEntry 7 |
| userServerName | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.8 | MxSwitchUserEntry 8 |
| userConnectedVLAN | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.9 | MxSwitchUserEntry 9 |
| userConnectedSlot | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.10 | MxSwitchUserEntry 10 |
| userConnectedPort | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.11 | MxSwitchUserEntry 11 |
| userBWContractName | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.12 | MxSwitchUserEntry 12 |
| userBWContractUsage | 1.3.6.1.4.1.14823.2.2.1.1.2.1.1.13 | MxSwitchUserEntry 13 |

wlsxSwitchUserEntry

| | |
|--------------------|-------------------|
| Syntax | MxSwitchUserEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | { userIpAddress } |

userIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | IP address from which the user connected to the switch. |

userPhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Physical address of the station from which the user connected to the switch. |

userName

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the user. |

userRole

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The role configured for this user. |

userUpTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the user was connected to the switch. |

userAuthenticationMethod

| | |
|--------------------|--|
| Syntax | Integer none(1) other(2) web(3) dot1x(4) vpn(5) mac(6) |
| Max-Access | read-only |
| Status | current |
| Description | Authentication mechanism used by the user to connect to the switch. |

userLocation

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point (in Building.Floor.... format), which the user used to connect to the switch. |

userServerName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the back-end authentication server, used to authenticate the user. |

userConnectedVLAN

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | VLAN on which the user is connected to the switch. |

userConnectedSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Slot on switch where the user connection terminates. |

userConnectedPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Port on switch where the user connection terminates. |

userBWContractName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the bandwidth contract applied to this user. |

userBWContractUsage

| | |
|--------------------|---|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the bandwidth contract is used. |

wlsxSwitchUser6Table

This Table lists all the users (both wired and wireless) currently connected to the switch. Users are identified by their IP address.

Table 71 *wlsxSwitchUser6Table* OIDs

| Object | Object ID |
|---------------------------|-------------------------|
| wlsxSwitchUser6Entry | wlsxSwitchUser6Table 1 |
| user6IpAddress | wlsxSwitchUser6Entry 1 |
| user6PhyAddress | wlsxSwitchUser6Entry 2 |
| user6Name | wlsxSwitchUser6Entry 3 |
| user6Role | wlsxSwitchUser6Entry 4 |
| user6UpTime | wlsxSwitchUser6Entry 5 |
| user6AuthenticationMethod | wlsxSwitchUser6Entry 6 |
| user6Location | wlsxSwitchUser6Entry 7 |
| user6ServerName | wlsxSwitchUser6Entry 8 |
| user6ConnectedVlan | wlsxSwitchUser6Entry 9 |
| user6ConnectedSlot | wlsxSwitchUser6Entry 10 |

Table 71 *wlsxSwitchUser6Table OIDs (Continued)*

| Object | Object ID |
|----------------------|-------------------------|
| user6ConnectedPort | wlsxSwitchUser6Entry 11 |
| user6BWContractName | wlsxSwitchUser6Entry 12 |
| user6BWContractUsage | wlsxSwitchUser6Entry 13 |

wlsxSwitchUser6Entry

| | |
|--------------------|-------------------------|
| Syntax | wlsxSwitchUser6Entry |
| Max-Access | not-accessible |
| Status | current |
| Description | User Entr |
| Index | { user6IpAddress } |
| History | Added in AOS-W 3.3.0.0. |

user6IpAddress

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | not-accessible |
| Status | current |
| Description | IPv6 Address from which the user connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6PhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Physical Address of the station from which the user connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6Name

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the user. |
| History | Added in AOS-W 3.3.0.0. |

user6Role

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The Role configured for this user. |
| History | Added in AOS-W 3.3.0.0. |

user6UpTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the user is connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6AuthenticationMethod

| | |
|--------------------|--|
| Syntax | Integer none(1) other(2) web(3) dot1x(4) vpn(5) mac(6) |
| Max-Access | read-only |
| Status | current |
| Description | Authentication mechanism used by the user to connect to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6Location

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point (in Building.Floor.... format), which the user used to connect to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6ServerName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the Back-end authentication server, used to authenticate the user. |
| History | Added in AOS-W 3.3.0.0. |

user6ConnectedVlan

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Vlan on which the user is connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

user6ConnectedSlot

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Slot on switch, where the user connection terminates. |
| History | Added in AOS-W 3.3.0.0. |

user6ConnectedPort

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Port on switch, where the user connection terminates. |
| History | Added in AOS-W 3.3.0.0. |

user6BWContractName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the Bandwidth Contract applied to this user. |
| History | Added in AOS-W 3.3.0.0. |

user6BWContractUsage

| | |
|--------------------|---|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the Bandwidth Contract is used. |
| History | Added in AOS-W 3.3.0.0. |

wlsxSwitchStationMgmtTable

The objects of the wlsx Switch Station Management table provide information about the wireless stations associated with the access points connected to this switch.

Table 72 *wlsxSwitchStationMgmtTable* OIDs

| Object | Object ID | |
|----------------------------|-----------------------------------|------------------------------|
| wlsxSwitchStationMgmtEntry | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1 | wlsxSwitchStationMgmtTable 1 |
| staPhyAddress | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.1 | wlsxSwitchStationMgmtEntry 1 |
| staAccessPointBSSID | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.2 | wlsxSwitchStationMgmtEntry 2 |
| staUserName | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.3 | wlsxSwitchStationMgmtEntry 3 |
| staUserRole | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.4 | wlsxSwitchStationMgmtEntry 4 |
| staAssociationID | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.5 | wlsxSwitchStationMgmtEntry 5 |
| staAccessPointESSID | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.6 | wlsxSwitchStationMgmtEntry 6 |
| staSignalToNoiseRatio | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7 | wlsxSwitchStationMgmtEntry 7 |
| staTransmitRate | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.8 | wlsxSwitchStationMgmtEntry 8 |
| staReceiveRate | 1.3.6.1.4.1.14823.2.2.1.1.2.2.1.9 | wlsxSwitchStationMgmtEntry 9 |

wlsxSwitchStationMgmtEntry

| | |
|--------------------|--|
| Syntax | MxSwitchStationMgmtEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | { staPhyAddress, staAccessPointBSSID } |

staPhyAddress

| | |
|--------------------|--------------------------------------|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The physical address of the station. |

staAccessPointBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | BSSID of the access point through which the station is connected to the switch. |

staUserName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the user connecting from this station. |

staUserRole

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | User role. |

staAssociationID

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Association ID with which the station is associated with this system. |

staAccessPointESSID

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the access point. |

staSignalToNoiseRatio

| | |
|--------------------|--------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR for the BSSID. |

staTransmitRate

| | |
|--------------------|---|
| Syntax | Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12) |
| Max-Access | read-only |
| Status | current |
| Description | The transmit rate of the channel. |

staReceiveRate

| | |
|--------------------|---|
| Syntax | Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12) |
| Max-Access | read-only |
| Status | current |
| Description | The receive rate of the channel. |

wlsxSwitchStationStatsTable

The objects of the wlsx Switch Station Stats table provide information about the statistics of the wireless stations associated with the access points connected to this switch. The statistics are indexed by the Station MAC and the AP BSSID.

Table 73 wlsxSwitchStationStatsTable OIDs

| Object | Object ID | |
|-----------------------------|------------------------------------|--------------------------------|
| wlsxSwitchStationStatsEntry | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1 | wlsxSwitchStationStatsTable 1 |
| staTxPackets | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.1 | wlsxSwitchStationStatsEntry 1 |
| staTxBytes | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.2 | wlsxSwitchStationStatsEntry 2 |
| staRxPackets | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.3 | wlsxSwitchStationStatsEntry 3 |
| staRxBytes | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.4 | wlsxSwitchStationStatsEntry 4 |
| staBwRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.5 | wlsxSwitchStationStatsEntry 5 |
| staFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.6 | wlsxSwitchStationStatsEntry 6 |
| staFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.7 | wlsxSwitchStationStatsEntry 7 |
| staFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.8 | wlsxSwitchStationStatsEntry 8 |
| staFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.9 | wlsxSwitchStationStatsEntry 9 |
| staFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.1.2.3.1.10 | wlsxSwitchStationStatsEntry 10 |

wlsxSwitchStationStatsEntry

| | |
|--------------------|--|
| Syntax | MxSwitchStationStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station statistics entry. |
| Index | { staPhyAddress, staAccessPointBSSID } |

staTxPackets

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total packets transmitted by the station. |

staTxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total bytes transmitted by the station. |

staRxPackets

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total packets received by the station. |

staRxBytes

| | |
|--------------------|--------------------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total bytes received by the station. |

staBwRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Bandwidth rate in Kbps of the station. |

staFrameRetryRate

| | |
|--------------------|---------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame retry rate. |

staFrameLowSpeedRate

| | |
|--------------------|-------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame low speed rate. |

staFrameNonUnicastRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame non-unicast packet rate. |

staFrameFragmentationRate

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame fragmentation rate. |

staFrameReceiveErrorRate

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Station frame receive error rate. |

wlsxAccessPointInfoGroup

The wlsx Access Point Info group contains tables that provide access point information.

Table 74 *wlsxAccessPointInfoGroup* OIDs

| Object | Object ID | |
|--|--------------------------------|----------------------------|
| wlsxSwitchTotalNumAccessPoints | 1.3.6.1.4.1.14823.2.2.1.1.3.1. | wlsxAccessPointInfoGroup 2 |
| wlsxSwitchTotalNumStationsAssociated | 1.3.6.1.4.1.14823.2.2.1.1.3.2 | wlsxAccessPointInfoGroup 2 |

wlsxSwitchTotalNumAccessPoints

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of access points connected to this switch. |

wlsxSwitchTotalNumStationsAssociated

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of stations associated to this switch. |

wlsxSwitchAccessPointTable

The objects of the wlsx Switch Access Point table list the access points connected to this switch.

Table 75 wlsxSwitchAccessPointTable OIDs

| Object | Object ID | |
|----------------------------|------------------------------------|-------------------------------|
| wlsxSwitchAccessPointEntry | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1 | wlsxSwitchAccessPointTable 1 |
| apBSSID | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.1 | wlsxSwitchAccessPointEntry 1 |
| apESSID | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.2 | wlsxSwitchAccessPointEntry 2 |
| apSlot | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.3 | wlsxSwitchAccessPointEntry 3 |
| apPort | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.4 | wlsxSwitchAccessPointEntry 4 |
| apIpAddress | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.5 | wlsxSwitchAccessPointEntry 5 |
| apPhyType | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.6 | wlsxSwitchAccessPointEntry 6 |
| apType | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.7 | wlsxSwitchAccessPointEntry 7 |
| apCurrentChannel | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.8 | wlsxSwitchAccessPointEntry 8 |
| apLocation | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.9 | wlsxSwitchAccessPointEntry 9 |
| apTotalTime | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.10 | wlsxSwitchAccessPointEntry 10 |
| apInactiveTime | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.11 | wlsxSwitchAccessPointEntry 11 |
| apLoadBalancing | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.12 | wlsxSwitchAccessPointEntry 12 |
| apChannelNoise | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13 | wlsxSwitchAccessPointEntry 13 |
| apSignalToNoiseRatio | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14 | wlsxSwitchAccessPointEntry 14 |
| apTransmitRate | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.15 | wlsxSwitchAccessPointEntry 15 |
| apReceiveRate | 1.3.6.1.4.1.14823.2.2.1.1.3.3.1.16 | wlsxSwitchAccessPointEntry 16 |

wlsxSwitchAccessPointEntry

| | |
|--------------------|---------------------------|
| Syntax | MxSwitchAccessPointEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | { apBSSID } |

apBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The physical address of the access point. |

apESSID

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the access point. |

apSlot

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Slot to which the access point is connected. |

apPort

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Port to which the access point is connected. |

apIpAddress

| | |
|--------------------|------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Address of the access point. |

apPhyType

| | |
|--------------------|--|
| Syntax | Integer dot11a(1) dot11b(2) dot11g(3) |
| Max-Access | read-only |
| Status | current |
| Description | Physical layer protocol support of the access point. |

apType

| | |
|--------------------|--|
| Syntax | Integer ap(1) am(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the access point is an air monitor or an access point. |

apCurrentChannel

| | |
|--------------------|--|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | The current operating frequency channel. |

apLocation

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point defined in building floor mode. |

apTotalTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the access point was connected to the switch. |

apInactiveTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the access point has been inactive. |

apLoadBalancing

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether load balancing is enabled or not. |

apChannelNoise

| | |
|--------------------|-------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the noise on the channel. |

apSignalToNoiseRatio

| | |
|--------------------|--------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | SNR for the BSSID. |

apTransmitRate

| | |
|--------------------|---|
| Syntax | Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates transmit rate of the channel. |

apReceiveRate

| | |
|--------------------|---|
| Syntax | Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates receive rate of the channel. |

wlsxSwitchGlobalAPTable

The objects of the wlsx Switch Global APT table list the access points connected in the switch domain.



This table is only valid only on a master switch—only the tables of the master switch are populated. On a local switch, the table is empty.

Table 76 *wlsxSwitchGlobalAPTable* OIDs

| Object | Object ID | |
|-------------------------|-----------------------------------|---------------------------|
| wlsxSwitchGlobalAPEntry | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1 | wlsxSwitchGlobalAPTable 1 |
| globalAPLocation | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.1 | wlsxSwitchGlobalAPEntry 1 |
| globalAPAddress | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.2 | wlsxSwitchGlobalAPEntry 2 |
| globalAPLocalSwitch | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.3 | wlsxSwitchGlobalAPEntry 3 |
| globalAPdot11aPhyAddr | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.4 | wlsxSwitchGlobalAPEntry 4 |
| globalAPdot11bPhyAddr | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.5 | wlsxSwitchGlobalAPEntry 5 |
| tvglobalAPState | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6 | wlsxSwitchGlobalAPEntry 6 |
| globalAPdot11gPhyAddr | 1.3.6.1.4.1.14823.2.2.1.1.3.4.1.7 | wlsxSwitchGlobalAPEntry 7 |

wlsxSwitchGlobalAPEntry

| | |
|--------------------|---------------------------------------|
| Syntax | MxSwitchGlobalAPEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station Management Entry. |
| Index | { globalAPLocation, globalAPAddress } |

globalAPLocation

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | not-accessible |
| Status | current |
| Description | Physical location of the AP, defined in building.floor.location format. |

globalAPAddress

| | |
|--------------------|------------------------------|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | Address of the access point. |

globalAPLocalSwitch

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | IP address of the local switch this access point is connected to. |

globalAPdot11aPhyAddr

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Physical MAC address of the module supporting dot11a in the access point. AP can have support for both dot11a and dot11b physical layer. |

globalAPdot11bPhyAddr

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Physical MAC address of the module supporting dot11b in the access point. AP can have support for both dot11a and dot11b physical layer. |

tvglobalAPState

| | |
|--------------------|--|
| Syntax | Integer(1..7) |
| Max-Access | read-only |
| Status | current |
| Description | Values are deprecated. State of the AP – 1-AP is <i>UP</i> , 2 -AP is <i>DOWN</i> |

globalAPdot11gPhyAddr

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Physical MAC address of the module supporting dot11g in the access point. AP can have support for a,b,g physical layers. |

wlsxSwitchAccessPointStatsTable

The objects of the wlsx Switch Access Points table lists the statistics of all access points connected to this switch.

Table 77 wlsxSwitchAccessPointStatsTable OIDs

| Object | Object ID | |
|---------------------------------|------------------------------------|------------------------------------|
| wlsxSwitchAccessPointStatsEntry | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1 | wlsxSwitchAccessPointStatsTable 1 |
| apStatsChannel | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.1 | wlsxSwitchAccessPointStatsEntry 1 |
| apChannelBwRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2 | wlsxSwitchAccessPointStatsEntry 2 |
| apChannelFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3 | wlsxSwitchAccessPointStatsEntry 3 |
| apChannelFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4 | wlsxSwitchAccessPointStatsEntry 4 |
| apChannelFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.5 | wlsxSwitchAccessPointStatsEntry 5 |
| apChannelFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.6 | wlsxSwitchAccessPointStatsEntry 6 |
| apChannelFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7 | wlsxSwitchAccessPointStatsEntry 7 |
| apBSSTxPackets | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8 | wlsxSwitchAccessPointStatsEntry 8 |
| apBSSTxBytes | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9 | wlsxSwitchAccessPointStatsEntry 9 |
| apBSSRxPackets | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10 | wlsxSwitchAccessPointStatsEntry 10 |
| apBSSRxBytes | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11 | wlsxSwitchAccessPointStatsEntry 11 |
| apBSSBwRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12 | wlsxSwitchAccessPointStatsEntry 12 |
| apBSSFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13 | wlsxSwitchAccessPointStatsEntry 13 |
| apBSSFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14 | wlsxSwitchAccessPointStatsEntry 14 |
| apBSSFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.15 | wlsxSwitchAccessPointStatsEntry 15 |
| apBSSFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.16 | wlsxSwitchAccessPointStatsEntry 16 |
| apBSSFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17 | wlsxSwitchAccessPointStatsEntry 17 |

wlswSwitchAccessPointStatsEntry

| | |
|--------------------|-------------------------------|
| Syntax | MxSwitchAccessPointStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Access point stats entry. |
| Index | { apBSSID } |

apStatsChannel

| | |
|--------------------|---|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | Channel on which the access point is operating. |

apChannelBwRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Bandwidth rate in Kbps of the access point channel. |

apChannelFrameRetryRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Access point channel frame retry rate. |

apChannelFrameLowSpeedRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Access point channel frame low speed rate. |

apChannelFrameNonUnicastRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Access point channel frame non-unicast packet rate. |

apChannelFrameFragmentationRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Access point channel frame fragmentation rate. |

apChannelFrameReceiveErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Access point channel frame receive error rate. |

apBSSTxPackets

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total packets transmitted by the access point on this BSSID. |

apBSSTxBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total bytes transmitted by the access point on this BSSID. |

apBSSRxPackets

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total packets received by the access point on this BSSID. |

apBSSRxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total bytes received by the access point on this BSSID. |

apBSSBwRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Bandwidth rate in Kbps of the access point on this BSSID. |

apBSSFrameRetryRate

| | |
|--------------------|---------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame retry rate on this BSSID. |

apBSSFrameLowSpeedRate

| | |
|--------------------|-------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame low speed rate on this BSSID. |

apBSSFrameNonUnicastRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame non-unicast packet rate on this BSSID. |

apBSSFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame fragmentation rate on this BSSID. |

apBSSFrameReceiveErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Frame receive error rate on this BSSID. |

wlsxSwitchTraps Group

The objects of the wlsx Switch Traps group define the objects (variables) that may be returned with a trap listed in the swith traps (see [Table 79 on page 244](#)).

Table 78 *wlsxSwitchTraps OIDs*

| Object | Object ID | |
|----------------------------|--------------------------------------|-------------------------------|
| wlsxAuthServerName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.1 | wlsxSwitchTrapObjectsGroup 1 |
| wlsxAuthServerTimeout | 1.3.6.1.4.1.14823.2.2.1.1.100.100.2 | wlsxSwitchTrapObjectsGroup 2 |
| wlsxFanNumber | 1.3.6.1.4.1.14823.2.2.1.1.100.100.4 | wlsxSwitchTrapObjectsGroup 4 |
| wlsxLineCardNumber | 1.3.6.1.4.1.14823.2.2.1.1.100.100.5 | wlsxSwitchTrapObjectsGroup 5 |
| wlsxVoltageType | 1.3.6.1.4.1.14823.2.2.1.1.100.100.6 | wlsxSwitchTrapObjectsGroup 6 |
| wlsxVoltageValue | 1.3.6.1.4.1.14823.2.2.1.1.100.100.7 | wlsxSwitchTrapObjectsGroup 7 |
| wlsxTemperatureValue | 1.3.6.1.4.1.14823.2.2.1.1.100.100.8 | wlsxSwitchTrapObjectsGroup 8 |
| wlsxProcessName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.9 | wlsxSwitchTrapObjectsGroup 9 |
| wlsxStationMacAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.10 | wlsxSwitchTrapObjectsGroup 10 |
| wlsxStationBlackListReason | 1.3.6.1.4.1.14823.2.2.1.1.100.100.11 | wlsxSwitchTrapObjectsGroup 11 |
| wlsxSpoofedIpAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.12 | wlsxSwitchTrapObjectsGroup 12 |
| wlsxSpoofedOldPhyAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.13 | wlsxSwitchTrapObjectsGroup 13 |
| wlsxSpoofedNewPhyAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.14 | wlsxSwitchTrapObjectsGroup 14 |
| wlsxDBName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.15 | wlsxSwitchTrapObjectsGroup 15 |
| wlsxDBUserName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.16 | wlsxSwitchTrapObjectsGroup 16 |
| wlsxDBIpAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.17 | wlsxSwitchTrapObjectsGroup 17 |
| wlsxDBType | 1.3.6.1.4.1.14823.2.2.1.1.100.100.18 | wlsxSwitchTrapObjectsGroup 18 |
| wlsxVrID | 1.3.6.1.4.1.14823.2.2.1.1.100.100.19 | wlsxSwitchTrapObjectsGroup 19 |
| wlsxVrMasterIp | 1.3.6.1.4.1.14823.2.2.1.1.100.100.20 | wlsxSwitchTrapObjectsGroup 20 |
| wlsxVrrpOperState | 1.3.6.1.4.1.14823.2.2.1.1.100.100.21 | wlsxSwitchTrapObjectsGroup 21 |
| wlsxApTxPower | 1.3.6.1.4.1.14823.2.2.1.1.100.100.22 | wlsxSwitchTrapObjectsGroup 22 |
| wlsxESIServerGrpName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.23 | wlsxSwitchTrapObjectsGroup 23 |
| wlsxESIServerName | 1.3.6.1.4.1.14823.2.2.1.1.100.100.24 | wlsxSwitchTrapObjectsGroup 24 |
| wlsxESIServerIpAddress | 1.3.6.1.4.1.14823.2.2.1.1.100.100.25 | wlsxSwitchTrapObjectsGroup 25 |
| wlsxLicenseDaysRemaining | 1.3.6.1.4.1.14823.2.2.1.1.100.100.26 | wlsxSwitchTrapObjectsGroup 26 |
| wlsxSlotNumber | 1.3.6.1.4.1.14823.2.2.1.1.100.100.27 | wlsxSwitchTrapObjectsGroup 27 |

wlsxAuthServerName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the authentication server used for authentication. |

wlsxAuthServerTimeout

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the authentication server timeout. |

wlsxFanNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate a failing fan number. |

wlsxLineCardNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate a line card in the switch. |

wlsxVoltageType

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the type of the voltage. |

wlsxVoltageValue

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..10)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate the voltage value in float. |

wlsxTemperatureValue

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate temperature value. |

wlsxProcessName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate a process name. |

wlsxStationMacAddress

| | |
|--------------------|--------------------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The physical address of the station. |

wlsxStationBlackListReason

| | |
|--------------------|--|
| Syntax | Integer userDefined(1) mitmAttack(2) authFailure(3) pingFlood(4) sessionFlood(5) synFlood(6) sessionBlacklist(7) ipSpoofing(8) other(100) |
| Max-Access | read-only |
| Status | current |
| Description | The reason why a station is black listed. |

wlsxSpoofedIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify a spoofed IP address. |

wlsxSpoofedOldPhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify a old MAC address. |

wlsxSpoofedNewPhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify a new MAC address. |

wlsxDBName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify name of the database. |

wlsxDBUserName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify name of the database user. |

wlsxDBIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify the IP address of the DB. |

wlsxDBType

| | |
|--------------------|---|
| Syntax | Integer mssql(1) mysql(2) |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in a trap to identify the port of the user. |

wlsxVrID

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object contains the virtual router identifier. |

wlsxVrMasterIp

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object contains the master IP address. |

wlsxVrrpOperState

| | |
|--------------------|--|
| Syntax | Integer initialize(1) backup(2) master(3) |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the VRRP operational state. |

wlsxApTxPower

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object contains the value of the AP transmit power. |

wlsxESIServerGrpName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the External Services Interface (ESI) Server Group name. |

wlsxESIServerName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the External Services Interface (ESI) Server name. |

wlsxESIServerIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the External Services Interface (ESI) Server IP address. |

wlsxLicenseDaysRemaining

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object represents number of the days remaining prior to a license expiry. |
| History | Added in AOS-W 2.3. |

wlsxSlotNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object is used in the traps to indicate a line card in the switch. This value matches the value of sysExtCardSlot. |
| History | Added in AOS-W 2.3. |

Switch Traps–Notifications

Notification provides an acknowledge to the device that sent the trap message.

Table 79 Switch Trap Notification OIDs

| Object | Object OID | |
|--------------------------------|------------------------------------|----------------------|
| wlsxSwitchIPChanged | 1.3.6.1.4.1.14823.2.2.1.1.100.1001 | wlsxSwitchTraps 1001 |
| wlsxSwitchRoleChange | 1.3.6.1.4.1.14823.2.2.1.1.100.1002 | wlsxSwitchTraps 1002 |
| wlsxUserEntryCreated | 1.3.6.1.4.1.14823.2.2.1.1.100.1003 | wlsxSwitchTraps 1003 |
| wlsxUserEntryDeleted | 1.3.6.1.4.1.14823.2.2.1.1.100.1004 | wlsxSwitchTraps 1004 |
| wlsxUserEntryAuthenticated | 1.3.6.1.4.1.14823.2.2.1.1.100.1005 | wlsxSwitchTraps 1005 |
| wlsxUserEntryDeAuthenticated | 1.3.6.1.4.1.14823.2.2.1.1.100.1006 | wlsxSwitchTraps 1006 |
| wlsxUserAuthenticationFailed | 1.3.6.1.4.1.14823.2.2.1.1.100.1007 | wlsxSwitchTraps 1007 |
| wlsxAuthServerReqTimedOut | 1.3.6.1.4.1.14823.2.2.1.1.100.1008 | wlsxSwitchTraps 1008 |
| wlsxAuthServerTimedOut | 1.3.6.1.4.1.14823.2.2.1.1.100.1009 | wlsxSwitchTraps 1009 |
| wlsxAuthServerIsUp | 1.3.6.1.4.1.14823.2.2.1.1.100.1010 | wlsxSwitchTraps 1010 |
| wlsxAuthMaxUserEntries | 1.3.6.1.4.1.14823.2.2.1.1.100.1011 | wlsxSwitchTraps 1011 |
| wlsxAuthMaxAclEntries | 1.3.6.1.4.1.14823.2.2.1.1.100.1012 | wlsxSwitchTraps 1012 |
| wlsxAuthMaxBWContracts | 1.3.6.1.4.1.14823.2.2.1.1.100.1013 | wlsxSwitchTraps 1013 |
| wlsxPowerSupplyFailure | 1.3.6.1.4.1.14823.2.2.1.1.100.1014 | wlsxSwitchTraps 1014 |
| wlsxFanFailure | 1.3.6.1.4.1.14823.2.2.1.1.100.1015 | wlsxSwitchTraps 1015 |
| wlsxOutOfRangeVoltage | 1.3.6.1.4.1.14823.2.2.1.1.100.1016 | wlsxSwitchTraps 1016 |
| wlsxOutOfRangeTemperature | 1.3.6.1.4.1.14823.2.2.1.1.100.1017 | wlsxSwitchTraps 1017 |
| wlsxLCInserted | 1.3.6.1.4.1.14823.2.2.1.1.100.1018 | wlsxSwitchTraps 1018 |
| wlsxSCInserted | 1.3.6.1.4.1.14823.2.2.1.1.100.1019 | wlsxSwitchTraps 1019 |
| wlsxGBICInserted | 1.3.6.1.4.1.14823.2.2.1.1.100.1020 | wlsxSwitchTraps 1020 |
| wlsxProcessDied | 1.3.6.1.4.1.14823.2.2.1.1.100.1021 | wlsxSwitchTraps 1021 |
| wlsxProcessExceedsMemoryLimits | 1.3.6.1.4.1.14823.2.2.1.1.100.1022 | wlsxSwitchTraps 1022 |
| wlsxLowOnFlashSpace | 1.3.6.1.4.1.14823.2.2.1.1.100.1023 | wlsxSwitchTraps 1023 |
| wlsxLowMemory | 1.3.6.1.4.1.14823.2.2.1.1.100.1024 | wlsxSwitchTraps 1024 |
| wlsxFanTrayRemoved | 1.3.6.1.4.1.14823.2.2.1.1.100.1025 | wlsxSwitchTraps 1025 |
| wlsxLCRemoved | 1.3.6.1.4.1.14823.2.2.1.1.100.1026 | wlsxSwitchTraps 1026 |
| wlsxLCRemoved | 1.3.6.1.4.1.14823.2.2.1.1.100.1027 | wlsxSwitchTraps 1027 |
| wlsxSCRemoved | 1.3.6.1.4.1.14823.2.2.1.1.100.1028 | wlsxSwitchTraps 1028 |
| wlsxPowerSupplyMissing | 1.3.6.1.4.1.14823.2.2.1.1.100.1029 | wlsxSwitchTraps 1029 |
| wlsxAccessPointsUp | 1.3.6.1.4.1.14823.2.2.1.1.100.1030 | wlsxSwitchTraps 1030 |
| wlsxAccessPointsDown | 1.3.6.1.4.1.14823.2.2.1.1.100.1031 | wlsxSwitchTraps 1031 |
| wlsxCoverageHoleDetected | 1.3.6.1.4.1.14823.2.2.1.1.100.1032 | wlsxSwitchTraps 1032 |

Table 79 Switch Trap Notification OIDs (Continued)

| Object | Object OID | |
|---------------------------------|------------------------------------|----------------------|
| wlsxChannelChanged | 1.3.6.1.4.1.14823.2.2.1.1.100.1033 | wlsxSwitchTraps 1033 |
| wlsxStationAddedToBlackList | 1.3.6.1.4.1.14823.2.2.1.1.100.1034 | wlsxSwitchTraps 1034 |
| wlsxStationRemovedFromBlackList | 1.3.6.1.4.1.14823.2.2.1.1.100.1035 | wlsxSwitchTraps 1035 |
| wlsxIpspoofingDetected | 1.3.6.1.4.1.14823.2.2.1.1.100.1036 | wlsxSwitchTraps 1036 |
| wlsxDBCommunicationFailure | 1.3.6.1.4.1.14823.2.2.1.1.100.1037 | wlsxSwitchTraps 1037 |
| wlsxVrrpStateChange | 1.3.6.1.4.1.14823.2.2.1.1.100.1038 | wlsxSwitchTraps 1038 |
| wlsxAPRadioAttributesChanged | 1.3.6.1.4.1.14823.2.2.1.1.100.1039 | wlsxSwitchTraps 1039 |
| wlsxESIServerUp | 1.3.6.1.4.1.14823.2.2.1.1.100.1040 | wlsxSwitchTraps 1040 |
| wlsxESIServerDown | 1.3.6.1.4.1.14823.2.2.1.1.100.1041 | wlsxSwitchTraps 1041 |
| wlsxLicenseExpiry | 1.3.6.1.4.1.14823.2.2.1.1.100.1042 | wlsxSwitchTraps 1042 |

wlsxSwitchIPChanged

| | |
|--------------------|--|
| Objects | { wlsxSwitchIp } |
| Status | current |
| Description | A trap which indicates that the switch IP address has changed. |

wlsxSwitchRoleChange

| | |
|--------------------|---|
| Objects | { wlsxSwitchRole } |
| Status | current |
| Description | A trap which indicates that the role of the switch has changed in the domain— authentication traps. |

wlsxUserEntryCreated

| | |
|--------------------|--|
| Objects | { userPhyAddress } |
| Status | current |
| Description | A trap which indicates that a new user is created. |

wlsxUserEntryDeleted

| | |
|--------------------|--|
| Objects | { userPhyAddress } |
| Status | current |
| Description | A trap which indicates that a user is deleted. |

wlsxUserEntryAuthenticated

| | |
|--------------------|--|
| Objects | { userPhyAddress, userName, userAuthenticationMethod, userRole } |
| Status | current |
| Description | A trap which indicates that a user is authenticated. |

wlsxUserEntryDeAuthenticated

| | |
|--------------------|--|
| Objects | { userPhyAddress } |
| Status | current |
| Description | A trap which indicates that a user is deauthenticated. |

wlsxUserAuthenticationFailed

| | |
|--------------------|---|
| Objects | { userPhyAddress } |
| Status | current |
| Description | A trap which indicates that a user authentication has failed. |

wlsxAuthServerReqTimedOut

| | |
|--------------------|--|
| Objects | { wlsxAuthServerName } |
| Status | current |
| Description | A trap which indicates that the authentication server request timed out. |

wlsxAuthServerTimedOut

| | |
|--------------------|--|
| Objects | { wlsxAuthServerName, wlsxAuthServerTimeout } |
| Status | current |
| Description | A trap which indicates that the authentication server timed out. |

wlsxAuthServerIsUp

| | |
|--------------------|--|
| Objects | { wlsxAuthServerName } |
| Status | current |
| Description | A trap which indicates that the authentication server is up. |

wlsxAuthMaxUserEntries

| | |
|--------------------|---|
| Status | current |
| Description | A trap which indicates that the user entries table is full and cannot add any more entries. |

wlsxAuthMaxAclEntries

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the ACL entries table is full and cannot add any more entries. |

wlsxAuthMaxBWContracts

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the switch reached the maximum number of configurable bandwidth contracts. |

Platform Traps

wlsxPowerSupplyFailure

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the power supply has failed. |

wlsxFanFailure

| | |
|--------------------|---|
| Objects | { wlsxFanNumber } |
| Status | current |
| Description | A trap which indicates that the fan has failed. |

wlsxOutOfRangeVoltage

| | |
|--------------------|---|
| Objects | { wlsxVoltageType, wlsxVoltageValue } |
| Status | current |
| Description | A trap which indicates that the switch received out-of-range voltage. |

wlsxOutOfRangeTemperature

| | |
|--------------------|---|
| Objects | { wlsxTemperatureValue } |
| Status | current |
| Description | A trap which indicates that the temperature is out of bounds. |

wlsxLCInserted

| | |
|--------------------|--|
| Objects | { wlsxLineCardNumber, wlsxSlotNumber } |
| Status | current |
| Description | A trap which indicates that a line card is inserted. |

wlsxSCInserted

| | |
|--------------------|---|
| Status | current |
| Description | A trap which indicates that a supervisory card is inserted. |

wlsxGBICInserted

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that a GBIC is inserted in a line card. |

wlsxProcessDied

| | |
|--------------------|---|
| Objects | { wlsxProcessName } |
| Status | current |
| Description | A trap which indicates that a process has died. |

wlsxProcessExceedsMemoryLimits

| | |
|--------------------|---|
| Objects | { wlsxProcessName } |
| Status | current |
| Description | A trap which indicates that a process is consuming large amounts of memory. |

wlsxLowOnFlashSpace

| | |
|--------------------|---|
| Status | current |
| Description | A trap which indicates that the switch is running low on flash space. |

wlsxLowMemory

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the system free memory is low. |

wlsxFanTrayRemoved

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the fan tray is removed. |

wlsxLCRemoved

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the fan tray is removed. |

| | |
|--------------------|---|
| Objects | { wlsxLineCardNumber, wlsxSlotNumber } |
| Status | current |
| Description | A trap which indicates that a line card is removed. |

wlsxSCRemoved

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that a supervisory card is removed. |

wlsxPowerSupplyMissing

| | |
|--------------------|--|
| Status | current |
| Description | A trap which indicates that the power supply is missing. |

wlsxAccessPointsUp

| | |
|--------------------|--|
| Objects | { apLocation, apIpAddress } |
| Status | current |
| Description | Access point up trap—a trap which indicates that an access point at location apLocation and address apIpAddress is up. |

wlsxAccessPointsDown

| | |
|--------------------|--|
| Objects | { apLocation, apIpAddress } |
| Status | current |
| Description | Access point down trap—a trap which indicates that an access point at location apLocation and address apIpAddress is down. |

wlsxCoverageHoleDetected

| | |
|--------------------|--|
| Objects | { apLocation, apIpAddress, wlsxStationMacAddress } |
| Status | current |
| Description | A trap which indicates that an access point at location apLocation and address apIpAddress has detected a coverage hole. |

wlsxChannelChanged

| | |
|--------------------|---|
| Objects | { apLocation, apIpAddress, apCurrentChannel } |
| Status | deprecated |
| Description | A trap which indicates that an access point at location apLocation and address apIpAddress has changed the channel to apCurrentChannel. |

wlsxStationAddedToBlackList

| | |
|--------------------|---|
| Objects | { wlsxStationMacAddress, wlsxStationBlackListReason } |
| Status | current |
| Description | A trap which indicates that a station with address wlsxStationMacAddress is black listed for wlsxStationBlackListReason reason. |

wlsxStationRemovedFromBlackList

| | |
|--------------------|--|
| Objects | { wlsxStationMacAddress } |
| Status | current |
| Description | A trap which indicates that a station with address wlsxStationMacAddress is removed from black list. |

wlsxIpSpoofingDetected

| | |
|--------------------|--|
| Objects | { wlsxSpoofedIpAddress, wlsxSpoofedOldPhyAddress, wlsxSpoofedNewPhyAddress } |
| Status | current |
| Description | A trap indicating that the switch detected IP spoofing. |

wlsxDBCommunicationFailure

| | |
|--------------------|---|
| Objects | { wlsxDBName, wlsxDBUserName, wlsxDBIpAddress, wlsxDBType } |
| Status | current |
| Description | A trap to indicate that communication with database failed. |

wlsxVrrpStateChange

| | |
|--------------------|---|
| Objects | { wlsxVrID, wlsxVrMasterIp, wlsxVrrpOperState } |
| Status | current |
| Description | A trap which indicates that VRRP state has changed on the switch. |

wlsxAPRadioAttributesChanged

| | |
|--------------------|---|
| Objects | { apLocation, apIpAddress, apCurrentChannel, wlsxApTxPower } |
| Status | current |
| Description | A trap which indicates changes in the radio attributes of an access point at location apLocation and address ap IpAddress. <ul style="list-style-type: none">• Ap channel is apCurrentChannel• Transmit power is apTxPower |

wlsxESIServerUp

| | |
|--------------------|---|
| Objects | { wlsxESIServerGrpName, wlsxESIServerName, wlsxESIServerIpaddress } |
| Status | current |
| Description | A trap which indicates that a ESI server <wlsxESIServerName> in group <wlsxESIServerGrpName> with <wlsxESIServerIpaddress> is up. |

wlsxESIServerDown

| | |
|--------------------|---|
| Objects | { wlsxESIServerGrpName, wlsxESIServerName, wlsxESIServerIpaddress } |
| Status | current |
| Description | A trap which indicates that a ESI server <wlsxESIServerName> in group <wlsxESIServerGrpName> with <wlsxESIServerIpaddress> is down. |

wlsxLicenseExpiry

| | |
|--------------------|--|
| Objects | { wlsxLicenseDaysRemaining } |
| Status | current |
| Description | A trap which indicates that one or more licenses on the switch will expire in <wlsxLicenseDaysRemaining> days. |

IPv6 Authentication Traps

wlsxUser6EntryCreated

| | |
|--------------------|--|
| Objects | { user6PhyAddress } |
| Status | current |
| Description | A trap which indicates that a New user is created. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6EntryDeleted

| | |
|--------------------|--|
| Objects | { user6PhyAddress } |
| Status | current |
| Description | A trap which indicates that a user is deleted. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6EntryAuthenticated

| | |
|--------------------|--|
| Objects | { user6PhyAddress, user6Name, user6AuthenticationMethod, user6Role } |
| Status | current |
| Description | A trap which indicates that a user is Authenticated. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6EntryDeAuthenticated

| | |
|--------------------|--|
| Objects | { user6PhyAddress } |
| Status | current |
| Description | A trap which indicates that a user is Deauthenticated. |
| History | Added in AOS-W 3.3.0.0. |

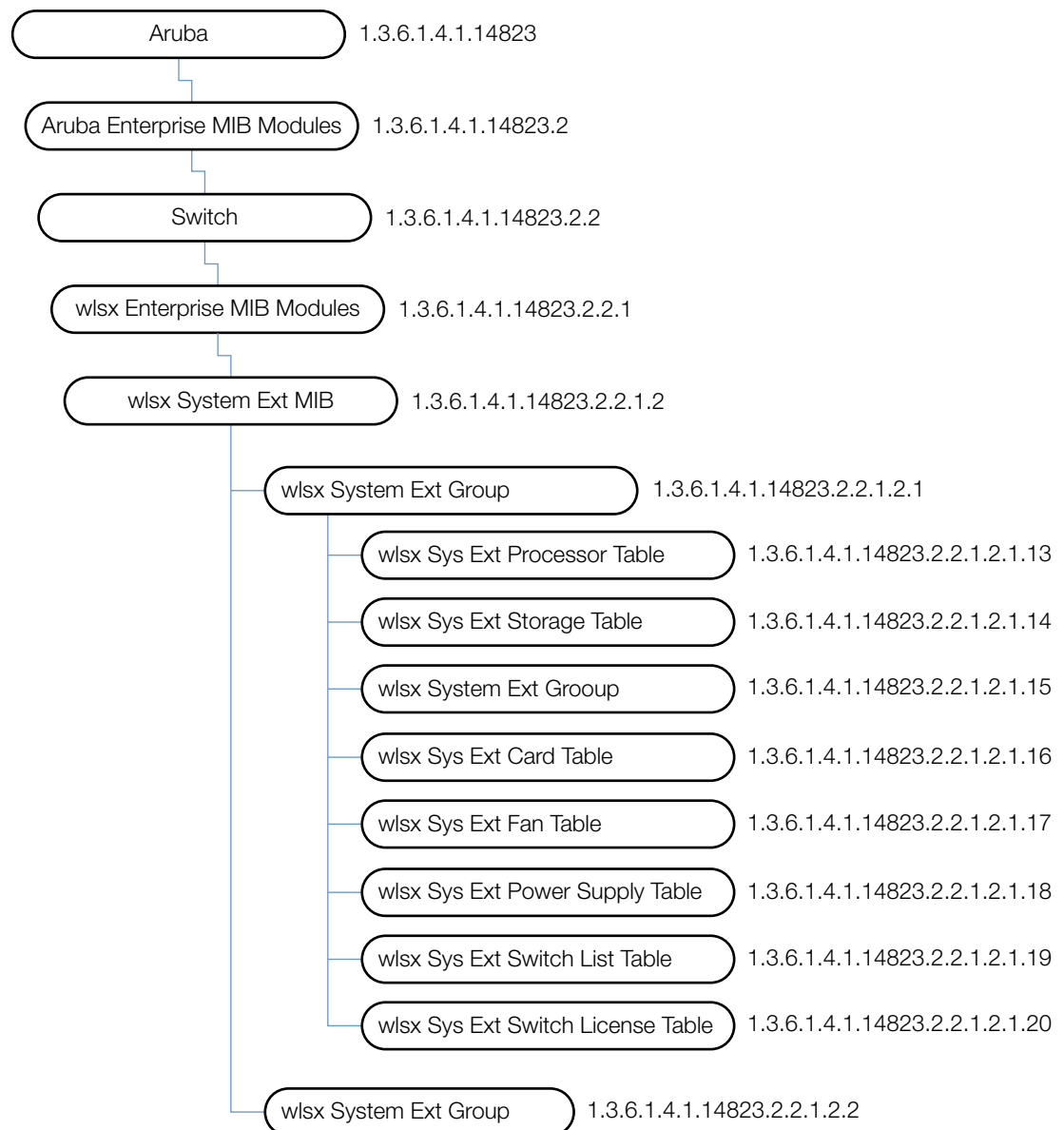
wlsxUser6AuthenticationFailed

| | |
|--------------------|---|
| Objects | { user6PhyAddress } |
| Status | current |
| Description | A trap which indicates that a user authentication has failed. |
| History | Added in AOS-W 3.3.0.0. |

The System External module provides information about resource usages such as memory and CPU.

Figure 15 shows the architecture of the System External MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The System External MIBs are listed in the file *aruba-systemext.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files](#) on page 23.

Figure 15 Stem Ext Hierarchy



The System EXT MIB contains the following tables. The objects of each table are described in the following sections.

Table 80 System External Group Tables

| Table | Description |
|----------------------------------|---|
| wlsxSysExtProcessorTable | The table of processors contained by the switch. |
| wlsxSysExtStorageTable | The table of storage devices contained by the switch. |
| wlsxSysExtMemoryTable | The memory status of the switch. |
| wlsxSysExtCardTable | The table of hardware modules in the switch. |
| wlsxSysExtFanTable | The table of all the fans in the switch. |
| wlsxSysExtPowerSupplyTable | The table of power supplies in the switch. |
| wlsxSysExtSwitchListTable | This table lists all the switches in the Alcatel-Lucent Domain. It is populated <i>only</i> on the master switch. Local switches return empty tables. |
| wlsxSysExtSwitchLicenseTable | This table lists all licenses installed on the switch. |
| wlsxSystemExtTableGenNumberGroup | This group lists the modifications that occurred since the last reboot. |

wlsxSystemExtMIB

This MIB module defines MIB objects which provide system-level information about switches.

wlsxSysExtSwitchIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Switch IP as configured by the user. This IP address uniquely identifies the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtHostname

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString (Size(1..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtModelName

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString (Size(1..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Model name of the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchRole

| | |
|--------------------|--|
| Syntax | ArubaSwitchRole |
| Max-Access | read-only |
| Status | current |
| Description | Role of this switch in the Alcatel-Lucent Switch Domain. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchMasterIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Switch IP of the master switch. |
| History | Added in AOS-W 2.3. Update in AOS-W 3.2.0.0.—description. |

wlsxSysExtSwitchDate

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-write |
| Status | current |
| Description | System notion of the local date and time of day. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchBaseMacaddress

| | |
|--------------------|-------------------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The base MAC address of the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtFanTrayAssemblyNumber

| | |
|--------------------|----------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Assembly number of the fan tray. |
| History | Added in AOS-W 2.3. |

wlsxSysExtFanTraySerialNumber

| | |
|--------------------|--------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Serial number of the fan tray. |
| History | Added in AOS-W 2.3. |

wlsxSysExtInternalTemperature

| | |
|--------------------|-------------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Internal temperature in the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtLicenseSerialNumber

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The license serial number of the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchLicenseCount

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of licenses installed on the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtMMSCompatLevel

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Lists the compatibility level of this switch with the MMS. |
| History | Added in version 3.1 |

wlsxSysExtMMSConfigID

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the value of the MMS Configuration ID in the switch. |
| History | Added in version 3.1 |

wlsxSysExtControllerConfigID

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object represents the value of the switch's Configuration ID. |
| History | Added in version 2.5 |

wlsxSysExtIsMMSConfigUpdateEnabled

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | This object indicates whether the switch is configured to accept configuration snapshots from MMS. |
| History | Added in version 2.5 |

wlsxSysExtSwitchLastReload

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..128)) |
| Max-Access | read-only |
| Status | current |
| Description | The reason for the last switch reload. |
| History | Added in version 2.5 |

wlsxSysExtLastStatsReset

| | |
|--------------------|-----------------------------------|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Last time switch stats was reset. |
| History | Added in version 3.2 |

wlsxSysExtProcessorTable

The objects of the wlsx System External Process table list all the processors and the corresponding loads.

Table 81 *wlsxSysExtProcessorTable OIDs*

| Object | Object ID | |
|--------------------------|------------------------------------|----------------------------|
| wlsxSysExtProcessorEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.13.1 | wlsxSysExtProcessorTable 1 |
| sysExtProcessorID | 1.3.6.1.4.1.14823.2.2.1.2.1.13.1.1 | wlsxSysExtProcessorEntry 1 |
| sysExtProcessorDescr | 1.3.6.1.4.1.14823.2.2.1.2.1.13.1.2 | wlsxSysExtProcessorEntry 2 |
| sysExtProcessorLoad | 1.3.6.1.4.1.14823.2.2.1.2.1.13.1.3 | wlsxSysExtProcessorEntry 3 |

wlsxSysExtProcessorEntry

| | |
|--------------------|---|
| Syntax | wlsxSysExtProcessorEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one processor contained by the switch. |
| History | Added in AOS-W 2.3. |

sysExtProcessorID

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Processor index. |
| History | Added in AOS-W 2.3. |

sysExtProcessorDescr

| | |
|--------------------|-------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Description of the processor. |
| History | Added in AOS-W 2.3. |

sysExtProcessorLoad

| | |
|--------------------|--|
| Syntax | Integer32 (0..100) |
| Max-Access | read-only |
| Status | current |
| Description | The average over the last minute of the percentage of time that this processor was not idle. |
| History | Added in AOS-W 2.3. |

wlsxSysExtStorageTable

The objects of the wlsx System External Storage table provide information of the storage devices in the switch.

Table 82 *wlsxSysExtStorageTable OIDs*

| Object | Object ID | |
|------------------------|------------------------------------|--------------------------|
| wlsxSysExtStorageEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1 | wlsxSysExtStorageTable 1 |
| sysExtStorageIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1 | wlsxSysExtStorageEntry 1 |
| sysExtStorageType | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2 | wlsxSysExtStorageEntry 2 |
| sysExtStorageSize | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3 | wlsxSysExtStorageEntry 3 |
| sysExtStorageUsed | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4 | wlsxSysExtStorageEntry 4 |
| sysExtStorageName | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5 | wlsxSysExtStorageEntry 5 |

wlsxSysExtStorageEntry

| | |
|--------------------|--|
| Syntax | wlsxSysExtStorageEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one long-term storage device contained by the switch. |
| History | Added in AOS-W 2.3. |

sysExtStorageIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |
| History | Added in AOS-W 2.3. |

sysExtStorageType

| | |
|--------------------|-------------------------------------|
| Syntax | Integer ram(1) flashMemory(2) |
| Max-Access | read-only |
| Status | current |
| Description | Type of the storage. |
| History | Added in AOS-W 2.3. |

sysExtStorageSize

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total size of the storage file system in MB. |
| History | Added in AOS-W 2.3. |

sysExtStorageUsed

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Used storage in MB. |
| History | Added in AOS-W 2.3. |

sysExtStorageName

| | |
|--------------------|----------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the storage file system. |
| History | Added in AOS-W 2.3. |

wlsxSysExtMemoryTable

The objects of the wlsx System External Memory table describe the memory utilization of the switch.

| Object | Object ID | |
|-----------------------|------------------------------------|-------------------------|
| wlsxSysExtMemoryEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1 | wlsxSysExtMemoryTable 1 |
| sysExtMemoryIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1 | wlsxSysExtMemoryEntry 1 |
| sysExtMemorySize | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2 | wlsxSysExtMemoryEntry 2 |
| sysExtMemoryUsed | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3 | wlsxSysExtMemoryEntry 3 |
| sysExtMemoryFree | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4 | wlsxSysExtMemoryEntry 4 |

wlsxSysExtMemoryEntry

| | |
|--------------------|--|
| Syntax | wlsxSysExtMemoryEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one memory region on the switch. Currently, only the control processor memory is monitored. |
| History | Added in AOS-W 2.3. Update in AOS-W 3.2.0.0.—description. |

sysExtMemoryIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |
| History | Added in AOS-W 2.3. |

sysExtMemorySize

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total memory in KB. |
| History | Added in AOS-W 2.3. |

sysExtMemoryUsed

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Used memory in KB. |
| History | Added in AOS-W 2.3. |

sysExtMemoryFree

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Free memory in KB. |
| History | Added in AOS-W 2.3. |

wlsxSysExtCardTable

The objects of the wlsx System External Card table list the different hardware modules in the switch.

Table 83 *wlsxSysExtCardTable*

| Objects | Object ID | |
|----------------------------------|-------------------------------------|------------------------|
| wlsxSysExtCardEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1 | wlsxSysExtCardTable 1 |
| sysExtCardSlot | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.1 | wlsxSysExtCardEntry 1 |
| sysExtCardNumOfPorts | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.2 | wlsxSysExtCardEntry 2 |
| sysExtCardNumOfPorts | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.3 | wlsxSysExtCardEntry 3 |
| sysExtCardNumOfFastethernetPorts | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.4 | wlsxSysExtCardEntry 4 |
| sysExtCardNumOfGigPorts | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.5 | wlsxSysExtCardEntry 5 |
| sysExtCardSerialNo | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.6 | wlsxSysExtCardEntry 6 |
| sysExtCardAssemblyNo | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.7 | wlsxSysExtCardEntry 7 |
| sysExtCardManufacturingDate | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.8 | wlsxSysExtCardEntry 8 |
| sysExtCardHwRevision | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.9 | wlsxSysExtCardEntry 9 |
| sysExtCardFpgaRevision | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.10 | wlsxSysExtCardEntry 10 |
| sysExtCardSwitchChip | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.11 | wlsxSysExtCardEntry 11 |
| sysExtCardStatus | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.12 | wlsxSysExtCardEntry 12 |
| sysExtCardUserSlot | 1.3.6.1.4.1.14823.2.2.1.2.1.16.1.13 | wlsxSysExtCardEntry 13 |

wlsxSysExtCardEntry

| | |
|--------------------|---|
| Syntax | wlsxSysExtCardEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one hardware module in the switch. |
| History | Added in AOS-W 2.3. |

sysExtCardSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Slot in which this card is located, offset by one. For the user-visible slot number, see sysExtCardUserSlot. |
| History | Added in AOS-W 2.3. |

sysExtCardType

| | |
|--------------------|---------------------|
| Syntax | ArubaCardType |
| Max-Access | read-only |
| Status | current |
| Description | Type of the card. |
| History | Added in AOS-W 2.3. |

sysExtCardNumOfPorts

| | |
|--------------------|-----------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of data ports on the card. |
| History | Added in AOS-W 2.3. |

sysExtCardNumOfFastethernetPorts

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of fast ethernet ports on the card. |
| History | Added in AOS-W 2.3. |

sysExtCardNumOfGigPorts

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of gigabit ethernet ports on the card. |
| History | Added in AOS-W 2.3. |

sysExtCardSerialNo

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Serial number of the card. |
| History | Added in AOS-W 2.3. |

sysExtCardAssemblyNo

| | |
|--------------------|------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Assembly number of the card. |
| History | Added in AOS-W 2.3. |

sysExtCardManufacturingDate

| | |
|--------------------|--------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Card manufacturing date. |
| History | Added in AOS-W 2.3. |

sysExtCardHwRevision

| | |
|--------------------|--------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Hardware revision of the card. |
| History | Added in AOS-W 2.3. |

sysExtCardFpgaRevision

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | FPGA revision number. |
| History | Added in AOS-W 2.3. |

sysExtCardSwitchChip

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Switching chip version. |
| History | Added in AOS-W 2.3. |

sysExtCardStatus

| | |
|--------------------|---------------------|
| Syntax | ArubaActiveState |
| Max-Access | read-only |
| Status | current |
| Description | Status of the card. |
| History | Added in AOS-W 2.3. |

sysExtCardUserSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | User-visible (zero-based) slot number. |
| History | Added in AOS-W 2.3. |

wlsxSysExtFanTable

The objects of the wlsx System External Fan table list the fans of the switch.

Table 84 *wlsxSysExtFanTable* OID

| Object | Object ID | |
|------------------------------------|----------------------------------|----------------------|
| wlsxSysExtFanEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.17.1 | wlsxSysExtFanTable 1 |
| sysExtFanIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.17.1 | wlsxSysExtFanEntry 1 |
| sysExtFanStatus | 1.3.6.1.4.1.14823.2.2.1.2.1.17.2 | wlsxSysExtFanEntry 2 |

wlsxSysExtFanEntry

| | |
|--------------------|-----------------------|
| Syntax | wlsxSysExtFanEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one fan. |
| History | Added in AOS-W 2.3. |

sysExtFanIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |
| History | Added in AOS-W 2.3. |

sysExtFanStatus

| | |
|--------------------|---------------------|
| Syntax | ArubaActiveState |
| Max-Access | read-only |
| Status | current |
| Description | Status of the fan. |
| History | Added in AOS-W 2.3. |

wlsxSysExtPowerSupplyTable

The objects of the wlsx Sys External Power Supply table list the power supplies in the switch.

| | |
|--------------------|--|
| Syntax | Sequence Of wlsxSysExtPowerSupplyEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | The table of power supplies in the switch. |
| History | Added in AOS-W 2.3. |

Table 85 *wlsxSysExtPowerSupplyTable*

| Object | Object ID | |
|--|------------------------------------|------------------------------|
| wlsxSysExtPowerSupplyEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.18.1 | wlsxSysExtPowerSupplyTable 1 |
| sysExtPowerSupplyIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.18.1.1 | wlsxSysExtPowerSupplyEntry 1 |
| sysExtPowerSupplyStatus | 1.3.6.1.4.1.14823.2.2.1.2.1.18.1.2 | wlsxSysExtPowerSupplyEntry 2 |

wlsxSysExtPowerSupplyEntry

| | |
|--------------------|--------------------------------|
| Syntax | wlsxSysExtPowerSupplyEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one power supply. |
| History | Added in AOS-W 2.3. |

sysExtPowerSupplyIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |
| History | Added in AOS-W 2.3. |

sysExtPowerSupplyStatus

| | |
|--------------------|-----------------------------|
| Syntax | ArubaActiveState |
| Max-Access | read-only |
| Status | current |
| Description | Status of the power supply. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchListTable

The objects of the wlsx System External Switch List table contain all the switches in the domain. This table is only valid when queried from the master switch.

| | |
|--------------------|---|
| Syntax | Sequence Of wlsxSysExtSwitchListEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | This table will list all the switches in the Alcatel-Lucent Switch Domain. It will be populated only on the master switch. Local switches return empty table. |

Table 86 *wlsxSysExtSwitchListTable* OIDs

| Object | Object ID | |
|---------------------------|------------------------------------|-----------------------------|
| wlsxSysExtSwitchListEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1 | wlsxSysExtSwitchListTable 1 |
| sysExtSwitchIPAddress | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.1 | wlsxSysExtSwitchListEntry 1 |
| sysExtSwitchRole | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.2 | wlsxSysExtSwitchListEntry 2 |
| sysExtSwitchLocation | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.3 | wlsxSysExtSwitchListEntry 3 |

Table 86 *wlsxSysExtSwitchListTable OIDs (Continued)*

| Object | Object ID | |
|-----------------------|------------------------------------|-----------------------------|
| sysExtSwitchSWVersion | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.4 | wlsxSysExtSwitchListEntry 4 |
| sysExtSwitchStatus | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.5 | wlsxSysExtSwitchListEntry 5 |
| sysExtSwitchName | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.6 | wlsxSysExtSwitchListEntry 6 |
| sysExtSwitchSerNo | 1.3.6.1.4.1.14823.2.2.1.2.1.19.1.7 | wlsxSysExtSwitchListEntry 7 |

wlsxSysExtSwitchListEntry

| | |
|--------------------|---------------------------|
| Syntax | wlsxSysExtSwitchListEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Switch list entry. |
| Index | { sysExtSwitchIPAddress} |
| History | Added in AOS-W 2.3. |

sysExtSwitchIPAddress

| | |
|--------------------|---------------------------|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | IP address of the switch. |
| History | Added in AOS-W 2.3. |

sysExtSwitchRole

| | |
|--------------------|---------------------|
| Syntax | ArubaSwitchRole |
| Max-Access | read-only |
| Status | current |
| Description | Role of the switch. |
| History | Added in AOS-W 2.3. |

sysExtSwitchLocation

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the switch. |
| History | Added in AOS-W 2.3. |

sysExtSwitchSWVersion

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Software version the switch is running. |
| History | Added in AOS-W 2.3. |

sysExtSwitchStatus

| | |
|--------------------|-----------------------|
| Syntax | ArubaActiveState |
| Max-Access | read-only |
| Status | current |
| Description | Status of the switch. |
| History | Added in AOS-W 2.3. |

sysExtSwitchName

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(Size(0..128)) |
| Max-Access | read-only |
| Status | current |
| Description | Host name of the switch. |
| History | Added in AOS-W 2.3. |

sysExtSwitchSerNo

| | |
|--------------------|------------------------------|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Serial number of the switch. |
| History | Added in AOS-W 2.3. |

wlsxSysExtSwitchLicenseTable

The objects of the wlsx External Switch License table list the valid licenses installed on the switch.

Table 87 *wlsxSysExtSwitchLicenseTable* OIDs

| Object | Object ID | |
|--|------------------------------------|--------------------------------|
| wlsxSysExtLicenseEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1 | wlsxSysExtSwitchLicenseTable 1 |
| sysExtLicenseIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.1 | wlsxSysExtLicenseEntry 1 |
| sysExtLicenseKey | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.2 | wlsxSysExtLicenseEntry 2 |

Table 87 *wlsxSysExtSwitchLicenseTable OIDs (Continued)*

| Object | Object ID | |
|------------------------|------------------------------------|--------------------------|
| sysExtLicenseInstalled | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.3 | wlsxSysExtLicenseEntry 3 |
| sysExtLicenseExpires | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.4 | wlsxSysExtLicenseEntry 4 |
| sysExtLicenseFlags | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.5 | wlsxSysExtLicenseEntry 5 |
| sysExtLicenseService | 1.3.6.1.4.1.14823.2.2.1.2.1.20.1.6 | wlsxSysExtLicenseEntry 6 |

wlsxSysExtLicenseEntry

| | |
|--------------------|------------------------|
| Syntax | wlsxSysExtLicenseEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | License entry. |
| Index | { sysExtLicenseIndex } |
| History | Added in AOS-W 2.3. |

sysExtLicenseIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | License ID number. |
| History | Added in AOS-W 2.3. |

sysExtLicenseKey

| | |
|--------------------|---------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License key. |
| History | Added in AOS-W 2.3. |

sysExtLicenseInstalled

| | |
|--------------------|----------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License installation time. |
| History | Added in AOS-W 2.3. |

sysExtLicenseExpires

| | |
|--------------------|----------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License expiry time. |
| History | Added in AOS-W 2.3. |

sysExtLicenseFlags

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | License flags E - enabled A - auto-generated R - reboot required to activate |
| History | Added in AOS-W 2.3. |

sysExtLicenseService

| | |
|--------------------|--------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The service enabled by this license. |
| History | Added in AOS-W 2.3. |

wlsxSysExtStorageTable

The objects of the wlsx Sys External Storage lists the storage devices contained by the switch.

Table 88 *wlsxSysExtStorageTable OIDs*

| Object | Object ID | |
|------------------------|------------------------------------|--------------------------|
| wlsxSysExtStorageEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1 | wlsxSysExtStorageTable 1 |
| sysExtStorageIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1 | wlsxSysExtStorageEntry 1 |
| sysExtStorageType | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2 | wlsxSysExtStorageEntry 2 |
| sysExtStorageSize | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3 | wlsxSysExtStorageEntry 3 |
| sysExtStorageUsed | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4 | wlsxSysExtStorageEntry 4 |
| sysExtStorageName | 1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5 | wlsxSysExtStorageEntry 5 |

wlsxSysExtStorageEntry

| | |
|--------------------|--|
| Syntax | wlsxSysExtStorageEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one long-term storage device contained by the switch. |
| Index | { sysExtStorageIndex } |

sysExtStorageIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |

sysExtStorageType

| | |
|--------------------|-------------------------------------|
| Syntax | Integer ram(1) flashMemory(2) |
| Max-Access | read-only |
| Status | current |
| Description | Type of the storage. |

sysExtStorageSize

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total size of the storage file system in MB. |

sysExtStorageUsed

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Used storage in MB. |

sysExtStorageName

| | |
|--------------------|----------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the storage file system. |

wlsxSysExtMemoryTable

The objects of the wlsx System External Memory table contain the memory status of the switch.

Table 89 *wlsxSysExtMemoryTable OIDs*

| Object | Object ID | |
|-----------------------|------------------------------------|-------------------------|
| wlsxSysExtMemoryEntry | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1 | wlsxSysExtMemoryTable 1 |
| sysExtMemoryIndex | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1 | wlsxSysExtMemoryEntry 1 |
| sysExtMemorySize | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2 | wlsxSysExtMemoryEntry 2 |
| sysExtMemoryUsed | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3 | wlsxSysExtMemoryEntry 3 |
| sysExtMemoryFree | 1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4 | wlsxSysExtMemoryEntry 4 |

wlsxSysExtMemoryEntry

| | |
|--------------------|---|
| Syntax | wlsxSysExtMemoryEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | An entry for one memory region on the switch. Currently, only the CP region is monitored. |
| Index | { sysExtMemoryIndex } |

sysExtMemoryIndex

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Index of the table. |

sysExtMemorySize

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total memory in KB. |

sysExtMemoryUsed

| | |
|--------------------|--------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Used memory in KB. |

sysExtMemoryFree

| | |
|--------------------|--------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Free memory in KB. |

wlsxSystemExtTableGenNumberGroup

The objects of the wlsx System External Table Generated Number group list the number of modifications that occurred since the last reboot.

Table 90 *wlsxSystemExtTableGenNumberGroup OIDs*

| Object | Object ID | |
|---|-------------------------------|-------------------------------------|
| wlsxSysExtUserTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2.1 | wlsxSystemExtTableGenNumberGroup 1 |
| wlsxSysExtAPBssidTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2.2 | wlsxSystemExtTableGenNumberGroup 2 |
| wlsxSysExtAPRadioTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2.3 | wlsxSystemExtTableGenNumberGroup 3 |
| wlsxSysExtAPTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2.4 | wlsxSystemExtTableGenNumberGroup 4 |
| wlsxSysExtSwitchListTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2.5 | wlsxSystemExtTableGenNumberGroup 5 |
| wlsxSysExtPortTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 6 |
| wlsxSysExtVlanTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 7 |
| wlsxSysExtVlanInterfaceTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 8 |
| wlsxSysExtLicenseTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 9 |
| wlsxSysExtMonAPTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 10 |
| wlsxSysExtMonStationTableGenNumber | 1.3.6.1.4.1.14823.2.2.1.2.2. | wlsxSystemExtTableGenNumberGroup 11 |

wlsxSysExtUserTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the user table was modified since reboot. |
| History | Added in version 3.1 |

wlsxSysExtAPBssidTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the AP BSSID table was modified since reboot. |
| History | Added in version 3.1 |

wlsxSysExtAPRadioTableGenNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the radio table was modified since reboot. |
| History | Added in version 3.1 |

wlsxSysExtAPTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the AP table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtSwitchListTableGenNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the switch list table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtPortTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the port table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtVlanTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the VLAN table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtVlanInterfaceTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the VLAN Interface table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtLicenseTableGenNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the license table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtMonAPTableGenNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the monitored AP table was modified since reboot. |
| History | Added in version 3.1. |

wlsxSysExtMonStationTableGenNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This object denotes the number of times the monitored station table was modified since reboot. |
| History | Added in version 3.1 |

This chapter provides information about the Textual Conventions, which define the data structures of Alcatel-Lucent object types. Textual Conventions are found in the file *aruba-tc.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).



Textual Conventions do not have OIDs.

Following is a list of the Textual Conventions, which are described below.

| | | |
|----------------------------|------------------------|--------------------------|
| ArubaEnableValue | ArubaEncryptionMethods | ArubaDBType |
| ArubaFrameType | ArubaHashAlgorithms | ArubaVrrpState |
| ArubaPhyType | ArubaVLANValidRange | ArubaOperStateValue |
| ArubaHTMode | ArubaPortMode | ArubaAntennaSetting |
| ArubaHTExtChannel | ArubaDot1dState | ArubaAPStatus |
| ArubaSwitchRole | ArubaPoeState | ArubaPortSpeed |
| ArubaSupportStatus | ArubaCardType | ArubaPortDuplex |
| ArubaActiveState | ArubaESIServerMode | ArubaPortType |
| ArubaACLDomain | ArubaESIServerStatus | ArubaEnet1Mode |
| ArubaACLNetworkServiceType | ArubaIfType | ArubaUnprovisionedStatus |
| ArubaACLAction | ArubaVoipProtocolType | ArubaMonitorMode |
| ArubaDaysOfWeek | ArubaAccessPointMode | ArubaMeshRole |
| ArubaAuthenticationMethods | ArubaAuthServerType | ArubaHTRate |
| ArubaRogueApType | ArubaAddressType | |
| ArubaStationType | ArubaBlackListReason | |

ArubaEnableValue

| | |
|--------------------|--|
| Syntax | Integer enable(1) disable(2) |
| Status | current |
| Description | Represents a flag which is either enabled or disabled. |

ArubaFrameType

| | |
|--------------------|--|
| Syntax | Integer associateRequest(0) associateResponse(1) reassociateRequest(2) reassociateResponse(3) probeRequest(4) probeResponse(5) beacon(8) atim(9) disassociate(10) auth(11) deauth(12) |
| Status | current |
| Description | Represents the frame type. |
| History | Updated in AOS-W 3.1—syntax |

ArubaPhyType

| | |
|--------------------|--|
| Syntax | Integer dot11a(1) dot11b(2) dot11g(3) dot11ag(4) wired(5) |
| Status | current |
| Description | Represents the PHY of the access point. |
| History | Updated in AOS-W 3.1—syntax, wired(5) |

ArubaHTMode

| | |
|--------------------|---|
| Syntax | Integer none(1) ht20(2) ht40(3) |
| Status | current |
| Description | Represents the HT status of the access point or client. |
| History | Added in AOS-W 3.3.0.0. |

ArubaHTextChannel

| | |
|--------------------|--|
| Syntax | Integer none(1) above(2) below(3) } |
| Description | Represents the extension channel offset relative to the current channel. |
| Status | current |
| History | Added in AOS-W 3.3.0.0. |

ArubaSwitchRole

| | |
|--------------------|---|
| Syntax | Integer master(1) local(2) backupmaster(3) |
| Status | current |
| Description | Represents the role of the switch. |

ArubaSupportStatus

| | |
|--------------------|--|
| Syntax | Integer unsupported(1) supported(2) |
| Status | current |
| Description | Represents if a feature is supported or unsupported. |

ArubaActiveState

| | |
|--------------------|--|
| Syntax | Integer active(1) inactive(2) |
| Status | current |
| Description | Represents if a feature is supported or unsupported. |

ArubaACLDomain

| | |
|--------------------|--|
| Syntax | Integer alias(1) any(2) user(3) host(4) network(5) |
| Status | current |
| Description | Represents both the source and destination to which an ACL rule will be applied. |

ArubaACLNetworkServiceType

| | |
|--------------------|--|
| Syntax | Integer alias(1) any(2) tcp(3) udp(4) protocol(5) |
| Status | current |
| Description | Represents the network service in an ACL Rule. |

ArubaACLAction

| | |
|--------------------|--|
| Syntax | Integer deny(1) permit(2) srcNAT(3) dstNAT(4) redirect(5) |
| Status | current |
| Description | Represents the actions in an ACL rule. |

ArubaDaysOfWeek

| | |
|--------------------|---|
| Syntax | Integer sun(1) mon(2) tue(3) wed(4) thu(5) fri(6) sat(7) |
| Status | current |
| Description | Represents the actions of an ACL rule. |

ArubaAuthenticationMethods

| | |
|--------------------|--|
| Syntax | Integer none(0) web(1) mac(2) vpn(3) dot1x(4) kerberos(5) secureId(7) pubcookie(15) xSec(16) xSecMachine(17) other(255) |
| Status | current |
| Description | Authentication method. |

ArubaSubAuthenticationMethods

| | |
|--------------------|--|
| Syntax | Integer authPAP(1) authCHAP(2) authMSCHAP(3) authMSCHAPv2(4) eapTLS(5) eapTTLS(6) eapLEAP(7) eapMD5(8) |
| Status | current |
| Description | Sub-authentication (e.g., EAP type). |

ArubaRogueApType

| | |
|--------------------|---|
| Syntax | Integer valid(1) interfering(2) unsecure(3) dos(4) unknown(5) knownInterfering(6) |
| Status | current |
| Description | Represents the rogue AP type. |

ArubaStationType

| | |
|--------------------|---|
| Syntax | Integer valid(1) interfering(2) dos(3) |
| Status | current |
| Description | Represents the station type. |

ArubaEncryptionMethods

| | |
|--------------------|---|
| Syntax | Bits disabled(0) static-wep(1) dynamic-wep(2) static-wpa(3) dynamic-wpa(4) wpa2-psk-aes(5) wpa2-8021x-aes(6) wpa2PreAuth(7) xsec(8) wpa-psk-aes(9) wpa-aes(10) wpa2-psk-tkip(11) wpa2-8021x-tkip(12) |
| Status | current |
| Description | Represents the actions in an ACL rule. |
| History | Updated in AOS-W 3.1—syntax items (10), (11), (12) |

ArubaHashAlgorithms

| | |
|--------------------|--|
| Syntax | Integer md5(1) sha(2) |
| Status | current |
| Description | Represents the actions in an ACL rule. |

ArubaVLANValidRange

| | |
|--------------------|-------------------------------------|
| Syntax | Integer(1..4095) |
| Status | current |
| Description | Represents the valid VLAN ID range. |

ArubaPortMode

| | |
|--------------------|-----------------------------------|
| Syntax | Integer access(1) dot1q(2)} |
| Status | current |
| Description | Represents the switch port mode. |

ArubaDot1dState

| | |
|--------------------|--|
| Syntax | Integer disabled(1), blocked(2), listening(3), learning(4), forwarding(5) |
| Status | current |
| Description | Represents the switch port mode. |
| History | Updated in AOS-W 3.1—syntax, addition of items (2)–(5) |

ArubaPoeState

| | |
|--------------------|---|
| Syntax | Integer disabled(1) enabled(2) enabledCisco(3) |
| Status | current |
| Description | Represents the switch port mode. |

ArubaCardType

| | |
|--------------------|---|
| Syntax | Integer lc1(1) lc2(2) sc1(3) sc2(4) sw2400(5) sw800(6) sw200(7) m3mk1(8) sw3200(9) sw3400(10) sw3600(11) |
| Status | current |
| Description | Type of the hardware module. |
| History | Updated in AOS-W 3.1—syntax, addition of items (8)–(11) |

ArubaESIServerMode

| | |
|--------------------|--|
| Syntax | Integer bridged(1) routed(2) nat(3) |
| Status | current |
| Description | The mode of the ESI server. |
| History | Updated in AOS-W 3.1—addition of nat(3) |

ArubaESIServerStatus

| | |
|--------------------|-------------------------------|
| Syntax | Integer up(1) down(2) |
| Status | current |
| Description | The status of the ESI server. |

ArubaIfType

| | |
|--------------------|---|
| Syntax | Integer port(1) VLAN(2) tunnel(3) loopback(4) |
| Status | current |
| Description | The type interface referred to by the value of ifIndex. |

ArubaVoipProtocolType

| | |
|--------------------|--|
| Syntax | Integer sccp(1) svp(2) vocera(3) sip(4) unknown(10) |
| Status | current |
| Description | The type of VoIP protocols supported. |

ArubaAccessPointMode

| | |
|--------------------|---|
| Syntax | Integer airMonitor(1), accessPoint(2), accessPointAndMonitor(3) meshPortal(4) meshPoint(5) |
| Status | current |
| Description | The mode of the access point. |
| History | Update in AOS-W 3.2.0.0.—addition of items (4) and (5) in Syntax. |

ArubaAuthServerType

| | |
|--------------------|--|
| Syntax | Integer internaldb(1) radius(2) ldap(3) kerberos(4) tacacs(5) |
| Status | current |
| Description | The mode of the access point. |

ArubaAddressType

| | |
|--------------------|---|
| Syntax | Integer srcAddress(1), dstAddress(2), bssid(3) |
| Status | current |
| Description | Address type. |

ArubaBlackListReason

| | |
|--------------------|--|
| Syntax | Integer userDefined(1) mitmAttack(2) authFailure(3) pingFlood(4) sessionFlood(5) synFlood(6) sessionBlacklist(7) ipSpoofing(8) other(100) |
| Status | current |
| Description | Black list reason. |

ArubaDBType

| | |
|--------------------|---------------------------------|
| Syntax | Integer mssql(1) mysql(2) |
| Status | current |
| Description | Database type. |

ArubaVrrpState

| | |
|--------------------|--|
| Syntax | Integer initialize(1) backup(2) master(3) |
| Status | current |
| Description | Database type. |

ArubaOperStateValue

| | |
|--------------------|---|
| Syntax | Integer up(1) down(2) testing(3) |
| Syntax | current |
| Description | Represents operational state of an interface. |

ArubaAntennaSetting

| | |
|--------------------|---|
| Syntax | Integer notPresent(1) enabled(2) disabled(3) |
| Syntax | current |
| Description | Represents the status of the external antenna. |

ArubaAPStatus

| | |
|--------------------|---------------------------------|
| Syntax | Integer up(1) down(2) |
| Status | current |
| Description | The status of the access point. |

ArubaPortSpeed

| | |
|--------------------|--|
| Syntax | Integer speed10Mbps(1) speed100Mbps(2) speed1000Mbps(3) speedAuto(4) speed10Gbps(5) |
| Status | current |
| Description | Port speed. |
| History | Update in AOS-W 3.2.0.0.—addition of item (5) in Syntax. |

ArubaPortDuplex

| | |
|--------------------|--|
| Syntax | Integer half(1) full(2) auto(3) |
| Status | current |
| Description | Port duplexity. |

ArubaPortType

| | |
|--------------------|---|
| Syntax | Integer fastethernet(1) gigabitethernet(2) xgigabitethernet(3) |
| Status | current |
| Description | Port type. |
| History | Update in AOS-W 3.2.0.0.—addition of item (3) in Syntax. |

ArubaEnet1Mode

| | |
|--------------------|---|
| Syntax | Integer activeStandby(1) tunnel(2) bridge(3) notApplicable(4) |
| Status | current |
| Description | Represents the mode of the Ethernet port on the access point. |

ArubaUnprovisionedStatus

| | |
|--------------------|--|
| Syntax | Integer yes(1) no(2) |
| Status | current |
| Description | Represents whether the AP is provisioned or not. |

ArubaMonitorMode

| | |
|--------------------|---|
| Syntax | Integer |
| Status | current |
| Description | Represents whether the AP has any radios dedicated to monitoring. |

ArubaConfigurationState

| | |
|--------------------|-------------------------------|
| Syntax | Integer success(1), error(2) |
| Status | current |
| Description | Configuration transfer types. |
| History | Added in AOS-W 3.1 |

ArubaConfigurationChangeType

| | |
|--------------------|--|
| Syntax | Integer create(1) delete(2) modify(3) |
| Status | current |
| Description | Configuration change types. |
| History | Added in AOS-W 3.1 |

ArubaCallStates

| | |
|--------------------|---|
| Syntax | Integer idle(0) initiated(1) connecting(2) delivered(3) connected(4) offered(5) alerting(6) releasing(7) cancelling(8) transient(9) dummy503(10) succ(11), fail(12) aborted(13) blocked(14) |
| Status | current |
| Description | The call state. |
| History | Added in AOS-W 3.1 |

ArubaVoipProtocol

| | |
|--------------------|---|
| Syntax | Integer sccp(1) svp(2) vocera(3) sip(9) ua(11) |
| Status | current |
| Description | VoIP protocol used. |
| History | Added in AOS-W 3.1 |

ArubaVoipRegState

| | |
|--------------------|--|
| Syntax | Integer unkown(0) registering(1) unregistering(2) challenge(3) registered(4) unregistered(5) |
| Status | current |
| Description | VoIP registered state. |
| History | Added in AOS-W 3.1 |

ArubaVoiceCdrDirection

| | |
|--------------------|---------------------------|
| Syntax | Integer og(0) ic(1) |
| Status | current |
| Description | VoIP CDR direction. |
| History | Added in AOS-W 3.1 |

ArubaVoiceCacBit

| | |
|--------------------|---|
| Syntax | Bits cacActiveLoadBalancing(0) cacHighCapThresholdReached(1) cacHandRsrvThresholdReached(2) cacPeakCapacityReached(3) |
| Status | current |
| Description | Voice CAC bit flags. |
| History | Added in AOS-W 3.1 |

ArubaMeshRole

| | |
|--------------------|--|
| Syntax | Integer nonmesh(0) point(1) portal(2) |
| Status | current |
| Description | Mesh role. |
| History | Added in AOS-W 3.2.0.0. |

ArubaHTRate

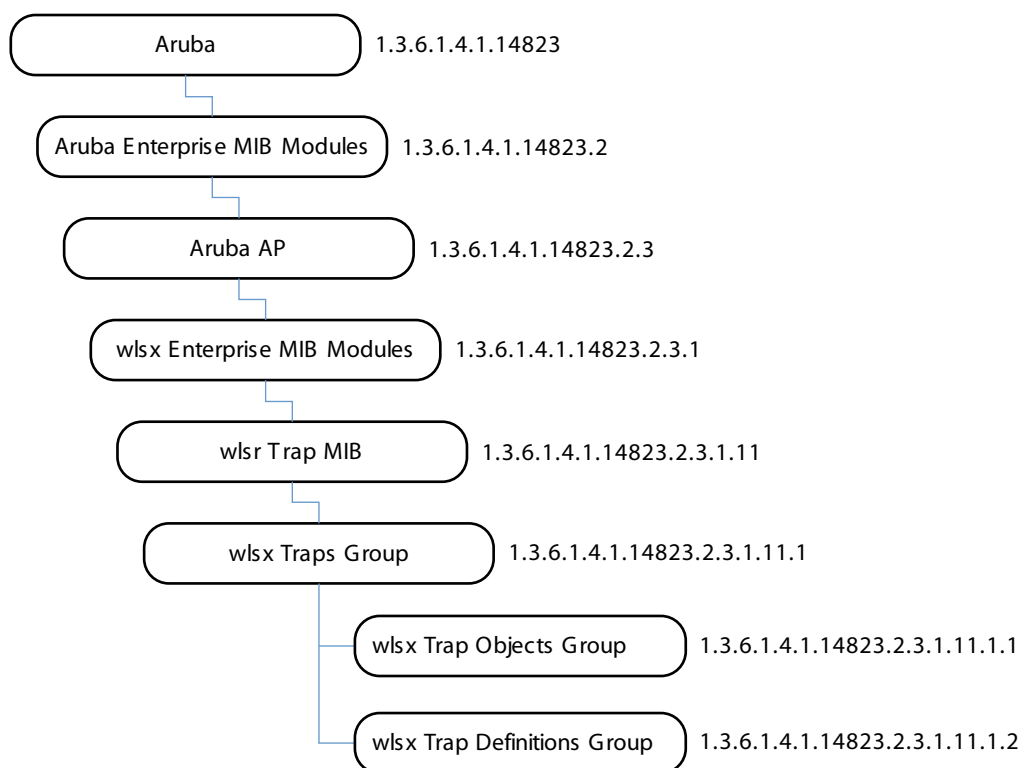
| | |
|--------------------|--|
| Syntax | Integer unknown(0) ht6dot5(1) ht13(2) ht13dot5(3) ht15(4) ht19dot5(5) ht26(6) ht27(7) ht30(8) ht39(9) ht40dot5(10) ht45(11) ht52(12) ht54(13) ht58dot5(14) ht60(15) ht65(16) ht78(17) ht81(18) ht90(19) ht104(20) ht108(21) ht117(22) ht120(23) ht121dot5(24) ht130(25) ht135(26) ht150(27) ht162(28) ht180(29) ht216(30) ht240(31) ht243(32) ht270(33) ht300(34) |
| Status | current |
| Description | Represents HT rate. |
| History | Added in AOS-W 3.2.0.0. |

This module defines the Traps that can be generated by the . Traps are MIB objects (variables) that transmit information to the SNMP Manager when an event occurs. Traps are included as varbinds (variable bindings) in the trap protocol data unit (PDU). Varbinds are defined in the *Description* section of the tables of the following sections.

Figure 16 shows the architecture of the Traps MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Traps are listed in the file *aruba-trap.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Trap Hierarchy

Figure 16 Trap Hierarchy



Other traps are described in the following sections of this reference guide:

- [wlsrTrapObjectsGroup on page 76 \(AP and AM\)](#)
- [wlsrTrapsGroup on page 80 \(AP and AM\)](#)
- [wlsxSwitchTraps Group on page 238 \(Switch\)](#)
- [Switch Traps–Notifications on page 244 \(Switch\)](#)
- [Platform Traps on page 247 \(Switch\)](#)
- [IPv6 Authentication Traps on page 251 \(Switch\)](#)

Supported TRAP Information

All traps are supported on all platforms except for the following traps which are only supported on the A5000 and A6000 series:

- WlsxLcInserted
- WlsxSCInserted
- WlsxGBICInserted
- WlsxFanTrayRemoved
- WlsxFanTrayInserted
- WlsxLcRemoved
- WlsxSCRemoved
- WlsxPowerSupplyMissing
- WlsxPowerSupplyFailure
- WlsxPowerSupplyOK
- WlsxNLcInserted
- WlsxNSCInserted
- WlsxNGBICInserted
- WlsxNFanTrayRemoved
- WlsxNFanTrayInserted
- WlsxNLcRemoved
- WlsxNSCRemoved
- WlsxNPowerSupplyMissing
- WlsxNPowerSupplyFailure

wlsx Trap Objects Group

Table 91 wlsxTraps Object Group OIDs

| Object | Object ID | |
|---------------------------|-----------------------------------|-------------------------|
| wlsxTrapAPMacAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.1 | wlsxTrapObjectsGroup 1 |
| wlsxTrapAPIpAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.2 | wlsxTrapObjectsGroup 2 |
| wlsxTrapAPBSSID | 1.3.6.1.4.1.14823.2.3.1.11.1.1.3 | wlsxTrapObjectsGroup 3 |
| wlsxTrapEssid | 1.3.6.1.4.1.14823.2.3.1.11.1.1.4 | wlsxTrapObjectsGroup 4 |
| wlsxTrapTargetAPBSSID | 1.3.6.1.4.1.14823.2.3.1.11.1.1.5 | wlsxTrapObjectsGroup 5 |
| wlsxTrapTargetAPSSID | 1.3.6.1.4.1.14823.2.3.1.11.1.1.6 | wlsxTrapObjectsGroup 6 |
| wlsxTrapTargetAPChannel | 1.3.6.1.4.1.14823.2.3.1.11.1.1.7 | wlsxTrapObjectsGroup 7 |
| wlsxTrapNodeMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.8 | wlsxTrapObjectsGroup 8 |
| wlsxTrapSourceMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.9 | wlsxTrapObjectsGroup 9 |
| wlsxReceiverMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.10 | wlsxTrapObjectsGroup 10 |
| wlsxTrapTransmitterMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.11 | wlsxTrapObjectsGroup 11 |
| wlsxTrapReceiverMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.12 | wlsxTrapObjectsGroup 12 |
| wlsxTrapSnr | 1.3.6.1.4.1.14823.2.3.1.11.1.1.13 | wlsxTrapObjectsGroup 13 |
| wlsxTrapSignatureName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.14 | wlsxTrapObjectsGroup 14 |
| wlsxTrapFrameType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.15 | wlsxTrapObjectsGroup 15 |
| wlsxTrapAddressType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.16 | wlsxTrapObjectsGroup 16 |
| wlsxTrapAPLocation | 1.3.6.1.4.1.14823.2.3.1.11.1.1.17 | wlsxTrapObjectsGroup 17 |
| wlsxTrapAPChannel | 1.3.6.1.4.1.14823.2.3.1.11.1.1.18 | wlsxTrapObjectsGroup 18 |
| wlsxTrapAPTxFPower | 1.3.6.1.4.1.14823.2.3.1.11.1.1.19 | wlsxTrapObjectsGroup 19 |
| wlsxTrapMatchedMac | 1.3.6.1.4.1.14823.2.3.1.11.1.1.20 | wlsxTrapObjectsGroup 20 |
| wlsxTrapMatchedIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.21 | wlsxTrapObjectsGroup 21 |
| wlsxTrapRogueIfoURL | 1.3.6.1.4.1.14823.2.3.1.11.1.1.22 | wlsxTrapObjectsGroup 22 |
| wlsxTrapVLANId | 1.3.6.1.4.1.14823.2.3.1.11.1.1.23 | wlsxTrapObjectsGroup 23 |
| wlsxTrapAdminStatus | 1.3.6.1.4.1.14823.2.3.1.11.1.1.24 | wlsxTrapObjectsGroup 24 |
| wlsxTrapOperStatus | 1.3.6.1.4.1.14823.2.3.1.11.1.1.25 | wlsxTrapObjectsGroup 25 |
| wlsxTrapAuthServerName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.26 | wlsxTrapObjectsGroup 26 |
| wlsxTrapAuthServerTimeout | 1.3.6.1.4.1.14823.2.3.1.11.1.1.27 | wlsxTrapObjectsGroup 27 |
| wlsxTrapCardSlot | 1.3.6.1.4.1.14823.2.3.1.11.1.1.28 | wlsxTrapObjectsGroup 28 |
| wlsxTrapTemperatureValue | 1.3.6.1.4.1.14823.2.3.1.11.1.1.29 | wlsxTrapObjectsGroup 29 |
| wlsxTrapProcessName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.30 | wlsxTrapObjectsGroup 30 |
| wlsxTrapFanNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.31 | wlsxTrapObjectsGroup 31 |
| wlsxTrapVoltageType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.32 | wlsxTrapObjectsGroup 32 |
| wlsxTrapVoltageValue | 1.3.6.1.4.1.14823.2.3.1.11.1.1.33 | wlsxTrapObjectsGroup 33 |

Table 91 *wlsxTraps Object Group OIDs (Continued)*

| Object | Object ID | |
|----------------------------------|-----------------------------------|-------------------------|
| wlsxTrapStationBlackListReason | 1.3.6.1.4.1.14823.2.3.1.11.1.1.34 | wlsxTrapObjectsGroup 34 |
| wlsxTrapSpoofedIpAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.35 | wlsxTrapObjectsGroup 35 |
| wlsxTrapSpoofedOldPhyAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.36 | wlsxTrapObjectsGroup 36 |
| wlsxTrapSpoofedNewPhyAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.37 | wlsxTrapObjectsGroup 37 |
| wlsxTrapDBName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.38 | wlsxTrapObjectsGroup 38 |
| wlsxTrapDBUserName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.39 | wlsxTrapObjectsGroup 39 |
| wlsxTrapDBIpAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.40 | wlsxTrapObjectsGroup 40 |
| wlsxTrapDBType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.41 | wlsxTrapObjectsGroup 41 |
| wlsxTrapVrrpID | 1.3.6.1.4.1.14823.2.3.1.11.1.1.42 | wlsxTrapObjectsGroup 42 |
| wlsxTrapVrrpMasterIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.43 | wlsxTrapObjectsGroup 43 |
| wlsxTrapVrrpOperState | 1.3.6.1.4.1.14823.2.3.1.11.1.1.44 | wlsxTrapObjectsGroup 44 |
| wlsxTrapESIServerGrpName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.45 | wlsxTrapObjectsGroup 45 |
| wlsxTrapESIServerName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.46 | wlsxTrapObjectsGroup 46 |
| wlsxTrapESIServerIpAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.47 | wlsxTrapObjectsGroup 47 |
| wlsxTrapLicenseDaysRemaining | 1.3.6.1.4.1.14823.2.3.1.11.1.1.48 | wlsxTrapObjectsGroup 48 |
| wlsxTrapSwitchIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.49 | wlsxTrapObjectsGroup 49 |
| wlsxTrapSwitchRole | 1.3.6.1.4.1.14823.2.3.1.11.1.1.50 | wlsxTrapObjectsGroup 50 |
| wlsxTrapUserIpAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.51 | wlsxTrapObjectsGroup 51 |
| wlsxTrapUserPhyAddress | 1.3.6.1.4.1.14823.2.3.1.11.1.1.52 | wlsxTrapObjectsGroup 52 |
| wlsxTrapUserName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.53 | wlsxTrapObjectsGroup 53 |
| wlsxTrapUserRole | 1.3.6.1.4.1.14823.2.3.1.11.1.1.54 | wlsxTrapObjectsGroup 54 |
| wlsxTrapUserAuthenticationMethod | 1.3.6.1.4.1.14823.2.3.1.11.1.1.55 | wlsxTrapObjectsGroup 55 |
| wlsxTrapAPRadioNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.56 | wlsxTrapObjectsGroup 56 |
| wlsxTrapRogueInfoURL | 1.3.6.1.4.1.14823.2.3.1.11.1.1.57 | wlsxTrapObjectsGroup 57 |
| wlsxTrapInterferingAPIInfoURL | 1.3.6.1.4.1.14823.2.3.1.11.1.1.58 | wlsxTrapObjectsGroup 58 |
| wlsxTrapPortNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.59 | wlsxTrapObjectsGroup 59 |
| wlsxTrapTime | 1.3.6.1.4.1.14823.2.3.1.11.1.1.60 | wlsxTrapObjectsGroup 60 |
| wlsxTrapHostIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.61 | wlsxTrapObjectsGroup 61 |
| wlsxTrapHostPort | 1.3.6.1.4.1.14823.2.3.1.11.1.1.62 | wlsxTrapObjectsGroup 62 |
| wlsxTrapConfigurationId | 1.3.6.1.4.1.14823.2.3.1.11.1.1.63 | wlsxTrapObjectsGroup 63 |
| wlsxTrapCTSURL | 1.3.6.1.4.1.14823.2.3.1.11.1.1.64 | wlsxTrapObjectsGroup 64 |
| wlsxTrapCTSTransferType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.65 | wlsxTrapObjectsGroup 65 |
| wlsxTrapConfigurationState | 1.3.6.1.4.1.14823.2.3.1.11.1.1.66 | wlsxTrapObjectsGroup 66 |
| wlsxTrapUpdateFailureReason | 1.3.6.1.4.1.14823.2.3.1.11.1.1.67 | wlsxTrapObjectsGroup 67 |

Table 91 *wlsxTraps Object Group OIDs (Continued)*

| Object | Object ID | |
|------------------------------|-----------------------------------|-------------------------|
| wlsxTrapUpdateFailedObj | 1.3.6.1.4.1.14823.2.3.1.11.1.1.68 | wlsxTrapObjectsGroup 68 |
| wlsxTrapTableEntryChangeType | 1.3.6.1.4.1.14823.2.3.1.11.1.1.69 | wlsxTrapObjectsGroup 69 |
| wlsxTrapGlobalConfigObj | 1.3.6.1.4.1.14823.2.3.1.11.1.1.70 | wlsxTrapObjectsGroup 70 |
| wlsxTrapTableGenNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.71 | wlsxTrapObjectsGroup 71 |
| wlsxTrapLicenseId | 1.3.6.1.4.1.14823.2.3.1.11.1.1.72 | wlsxTrapObjectsGroup 72 |
| wlsxTrapConfidenceLevel | 1.3.6.1.4.1.14823.2.3.1.11.1.1.73 | wlsxTrapObjectsGroup 73 |
| wlsxTrapMissingLicenses | 1.3.6.1.4.1.14823.2.3.1.11.1.1.74 | wlsxTrapObjectsGroup 74 |
| wlsxVoiceCurrentNumCdr | 1.3.6.1.4.1.14823.2.3.1.11.1.1.75 | wlsxTrapObjectsGroup 75 |
| wlsxTrapTunnelId | 1.3.6.1.4.1.14823.2.3.1.11.1.1.76 | wlsxTrapObjectsGroup 76 |
| wlsxTrapTunnelStatus | 1.3.6.1.4.1.14823.2.3.1.11.1.1.77 | wlsxTrapObjectsGroup 77 |
| wlsxTrapTunnelUpReason | 1.3.6.1.4.1.14823.2.3.1.11.1.1.78 | wlsxTrapObjectsGroup 78 |
| wlsxTrapTunnelDownReason | 1.3.6.1.4.1.14823.2.3.1.11.1.1.79 | wlsxTrapObjectsGroup 79 |
| wlsxTrapApSerialNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.80 | wlsxTrapObjectsGroup 80 |
| wlsxTrapTimeStr | 1.3.6.1.4.1.14823.2.3.1.11.1.1.81 | wlsxTrapObjectsGroup 81 |
| wlsxTrapMasterIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.82 | wlsxTrapObjectsGroup 82 |
| wlsxTrapLocalIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.83 | wlsxTrapObjectsGroup 83 |
| wlsxTrapMasterName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.84 | wlsxTrapObjectsGroup 84 |
| wlsxTrapLocalName | 1.3.6.1.4.1.14823.2.3.1.11.1.1.85 | wlsxTrapObjectsGroup 85 |
| wlsxTrapPrimaryControllerIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.86 | wlsxTrapObjectsGroup 86 |
| wlsxTrapBackupControllerIp | 1.3.6.1.4.1.14823.2.3.1.11.1.1.87 | wlsxTrapObjectsGroup 87 |

wlsxTrapAPMacAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the trap to indicate the wired MAC address of an access point. |

wlsxTrapAPIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the IP address of an access point for which we are raising the trap. |

wlsxTrapAPBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap. |

wlsxTrapEssid

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the SSID of the access point for which we are raising the trap. |

wlsxTrapTargetAPBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself. |

wlsxTrapTargetAPSSID

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the SSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself. |

wlsxTrapTargetAPChannel

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the channel of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself. |

wlsxTrapNodeMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of a node. |

wlsxTrapSourceMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the source. |

wlsxReceiverMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the receiver. |

wlsxTrapTransmitterMac

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the transmitter. |

wlsxTrapReceiverMac

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address of the transmitter. |

wlsxTrapSnr

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the signal-to-noise ratio. |

wlsxTrapSignatureName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the signature name. |

wlsxTrapFrameType

| | |
|--------------------|--|
| Syntax | ArubaFrameType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the frame type. |

wlsxTrapAddressType

| | |
|--------------------|--|
| Syntax | ArubaAddressType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the address type. |

wlsxTrapAPLocation

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the location of the AP. |

wlsxTrapAPChannel

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the current channel. |

wlsxTrapAPTxFPower

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the AP transmit power. |

wlsxTrapMatchedMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the MAC address. |

wlsxTrapMatchedIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the IP address. |

wlsxTrapRogueIfoURL

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used to point to the WEBUI Rogue AP information URL. |

wlsxTrapVLANId

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the VLAN ID. |

wlsxTrapAdminStatus

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the admin status of VLAN. |

wlsxTrapOperStatus

| | |
|--------------------|--|
| Syntax | ArubaOperStateValue |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the admin status of VLAN. |

wlsxTrapAuthServerName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the authentication server used for authentication. |

wlsxTrapAuthServerTimeout

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the authentication server timeout. |

wlsxTrapCardSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the slot in which this card is present. |

wlsxTrapTemperatureValue

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the temperature value. |

wlsxTrapProcessName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the process name. |

wlsxTrapFanNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the fan number. |

wlsxTrapVoltageType

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the type of voltage. |

wlsxTrapVoltageValue

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the voltage value in float. |

wlsxTrapStationBlackListReason

| | |
|--------------------|---|
| Syntax | ArubaBlackListReason |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | The reason for which a station is black listed. |

wlsxTrapSpoofedIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify a spoofed IP address. |

wlsxTrapSpoofedOldPhyAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify an old MAC address. |

wlsxTrapSpoofedNewPhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify a new MAC address. |

wlsxTrapDBName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify the name of the database. |

wlsxTrapDBUserName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify the name of the database user. |

wlsxTrapDBIpAddress

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify the IP address of the database. |

wlsxTrapDBType

| | |
|--------------------|---|
| Syntax | ArubaDBType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in a trap to identify the port of the user. |

wlsxTrapVrrpID

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object contains the virtual router identifier. |

wlsxTrapVrrpMasterIp

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object contains the master IP address. |

wlsxTrapVrrpOperState

| | |
|--------------------|--|
| Syntax | ArubaVrrpState |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the VRRP operational state. |

wlsxTrapESIServerGrpName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the External Services Interface (ESI) server group name. |

wlsxTrapESIServerName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the External Services Interface (ESI) server name. |

wlsxTrapESIServerIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the External Services Interface (ESI) server IP address. |

wlsxTrapLicenseDaysRemaining

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the number of days remaining prior to a license expiry. |

wlsxTrapSwitchIp

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the switch IP address. |

wlsxTrapSwitchRole

| | |
|--------------------|--|
| Syntax | ArubaSwitchRole |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the role of the switch. |

wlsxTrapUserIpAddress

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the IP address of the user. |

wlsxTrapUserPhyAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the MAC address of the user. |

wlsxTrapUserName

| | |
|--------------------|---------------------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the user name. |

wlsxTrapUserRole

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the authentication method of the user. |

wlsxTrapUserAuthenticationMethod

| | |
|--------------------|---|
| Syntax | ArubaAuthenticationMethods |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the authentication method of the user. |

wlsxTrapAPRadioNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the radio number. |

wlsxTrapRogueInfoURL

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used to point to the WEBGUI Rogue AP information URL. |

wlsxTrapInterferingAPInfoURL

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used to point to the WEBGUI Rogue interfering access point information URL. |

wlsxTrapPortNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the port number. |

wlsxTrapTime

| | |
|--------------------|--|
| Syntax | DateAndTime |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in all the enterprise traps to indicate the time when the trap is generated on the switch. |

wlsxTrapHostIp

| | |
|--------------------|---------------------------------------|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the trap host. |

wlsxTrapHostPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the trap host port. |

wlsxTrapConfigurationId

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the ID of the configuration used in traps. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapCTSURL

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the URL from which the transfer should happen. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapCTSTransferType

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the transfer type, upload or download. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapConfigurationState

| | |
|--------------------|---|
| Syntax | ArubaConfigurationState |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the state of the configuration transfer. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapUpdateFailureReason

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the reason for the update failure. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapUpdateFailedObj

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This variable represents the AMAPI object which is the reason for the update failure. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTableEntryChangeType

| | |
|--------------------|--|
| Syntax | ArubaConfigurationChangeType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the type of the configuration change. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapGlobalConfigObj

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This variable represents the AMAPI object corresponding to the global configuration change. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTableGenNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the generation number of a table. Used in the MMS to keep track of the table content changes. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapLicenseId

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the license ID. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapConfidenceLevel

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the confidence level as a percentage. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapMissingLicenses

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This variable indicates any licenses that are not present during a configuration update. |
| History | Added in AOS-W 3.1.0.0. |

wlsxVoiceCurrentNumCdr

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the number of CDRs in buffer. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTunnelId

| | |
|--------------------|---------------------------------------|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the tunnel ID. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTunnelStatus

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the tunnel status. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTunnelUpReason

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the tunnel up reason. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapTunnelDownReason

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the tunnel down reason. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTrapApSerialNumber

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the AP serial number. |
| History | Added in AOS-W 3.4. |

wlsxTraptimeStr

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the Time in String format. |
| History | Added in AOS-W 3.4. |

wlsxTrapMasterIp

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the master IP address. |
| History | Added in AOS-W 3.4.1 |

wlsxTrapLocalIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the local IP address. |
| History | Added in AOS-W 3.4.1 |

wlsxTrapMasterName

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the master switch name. |
| History | Added in AOS-W 3.4.1 |

wlsxTrapLocalName

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the local switch name. |
| History | Added in AOS-W 3.4.1 |

wlsxTrapPrimaryControllerIp

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the IP address of the AP's primary switch. |
| History | Added in AOS-W 3.4.1 |

wlsxTrapBackupControllerIp

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the IP address of the AP's backup switch. |
| History | Added in AOS-W 3.4.1 |

wlsx Trap Definitions Group

Table 92 wlsx Trap Definitions Group OIDs

| Object | Object ID | |
|-------------------------------|-------------------------------------|-------------------------------|
| wlsxVLANLinkUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1000 | wlsxTrapDefinitionsGroup 1000 |
| wlsxVLANLinkDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1001 | wlsxTrapDefinitionsGroup 1001 |
| wlsxSignatureMatch | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1002 | wlsxTrapDefinitionsGroup 1002 |
| wlsxNodeRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1003 | wlsxTrapDefinitionsGroup 1003 |
| wlsxNormalTemperature | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1004 | wlsxTrapDefinitionsGroup 1004 |
| wlsxProcessRestart | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1005 | wlsxTrapDefinitionsGroup 1005 |
| wlsxFlashSpaceOK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1006 | wlsxTrapDefinitionsGroup 1006 |
| wlsxMemoryUsageOK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1007 | wlsxTrapDefinitionsGroup 1007 |
| wlsxPowerSupplyOK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1008 | wlsxTrapDefinitionsGroup 1008 |
| wlsxFanOK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1009 | wlsxTrapDefinitionsGroup 1009 |
| wlsxInRangeVoltage | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1010 | wlsxTrapDefinitionsGroup 1010 |
| wlsxCoverageHoleResolved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1011 | wlsxTrapDefinitionsGroup 1011 |
| wlsxNSwitchIPChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1012 | wlsxTrapDefinitionsGroup 1012 |
| wlsxNSwitchRoleChange | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1013 | wlsxTrapDefinitionsGroup 1013 |
| wlsxNUserEntryCreated | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1014 | wlsxTrapDefinitionsGroup 1014 |
| wlsxNUserEntryDeleted | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1015 | wlsxTrapDefinitionsGroup 1015 |
| wlsxNUserEntryAuthenticated | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1016 | wlsxTrapDefinitionsGroup 1016 |
| wlsxNUserEntryDeAuthenticated | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1017 | wlsxTrapDefinitionsGroup 1017 |
| wlsxNUserAuthenticationFailed | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1018 | wlsxTrapDefinitionsGroup 1018 |
| wlsxNAuthServerReqTimedOut | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1019 | wlsxTrapDefinitionsGroup 1019 |
| wlsxNAuthServerTimedOut | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1020 | wlsxTrapDefinitionsGroup 1020 |
| wlsxNAuthServerIsUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1021 | wlsxTrapDefinitionsGroup 1021 |
| wlsxNAuthMaxUserEntries | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1022 | wlsxTrapDefinitionsGroup 1022 |
| wlsxNAuthMaxAclEntries | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1023 | wlsxTrapDefinitionsGroup 1023 |
| wlsxNAuthMaxBWContracts | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1024 | wlsxTrapDefinitionsGroup 1024 |
| wlsxNPowerSupplyFailure | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1025 | wlsxTrapDefinitionsGroup 1025 |
| wlsxNFanFailure | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1026 | wlsxTrapDefinitionsGroup 1026 |
| wlsxNOutOfRangeVoltage | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1027 | wlsxTrapDefinitionsGroup 1027 |
| wlsxNOutOfRangeTemperature | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1028 | wlsxTrapDefinitionsGroup 1028 |
| wlsxNLCInserted | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1029 | wlsxTrapDefinitionsGroup 1029 |
| wlsxNSCInserted | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1030 | wlsxTrapDefinitionsGroup 1030 |
| wlsxNGBICInserted | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1031 | wlsxTrapDefinitionsGroup 1031 |
| wlsxNProcessDied | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1032 | wlsxTrapDefinitionsGroup 1032 |

Table 92 *wlsx Trap Definitions Group OIDs (Continued)*

| Object | Object ID | |
|-----------------------------------|-------------------------------------|-------------------------------|
| wlsxNProcessExceedsMemoryLimits | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1033 | wlsxTrapDefinitionsGroup 1033 |
| wlsxNLowOnFlashSpace | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1034 | wlsxTrapDefinitionsGroup 1034 |
| wlsxNLowMemory | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1035 | wlsxTrapDefinitionsGroup 1035 |
| wlsxNFanTrayRemoved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1036 | wlsxTrapDefinitionsGroup 1036 |
| wlsxNFanTrayInserted | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1037 | wlsxTrapDefinitionsGroup 1037 |
| wlsxNLCRemoved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1038 | wlsxTrapDefinitionsGroup 1038 |
| wlsxNPowerSupplyMissing | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1039 | wlsxTrapDefinitionsGroup 1039 |
| wlsxNAccessPointsUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1040 | wlsxTrapDefinitionsGroup 1040 |
| wlsxNAccessPointsDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1041 | wlsxTrapDefinitionsGroup 1041 |
| wlsxNCoverageHoleDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1042 | wlsxTrapDefinitionsGroup 1042 |
| wlsxNChannelChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1043 | wlsxTrapDefinitionsGroup 1043 |
| wlsxNStationAddedToBlackList | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1044 | wlsxTrapDefinitionsGroup 1044 |
| wlsxNStationRemovedFromBlackList | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1045 | wlsxTrapDefinitionsGroup 1045 |
| wlsxNIpSpoofingDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1046 | wlsxTrapDefinitionsGroup 1046 |
| wlsxNDBCommunicationFailure | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1047 | wlsxTrapDefinitionsGroup 1047 |
| wlsxNVrrpStateChange | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1048 | wlsxTrapDefinitionsGroup 1048 |
| wlsxNRadioAttributesChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1049 | wlsxTrapDefinitionsGroup 1049 |
| wlsxNESIServerUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1050 | wlsxTrapDefinitionsGroup 1050 |
| wlsxNESIServerDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1051 | wlsxTrapDefinitionsGroup 1051 |
| wlsxNLicenseExpiry | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1053 | wlsxTrapDefinitionsGroup 1053 |
| wlsxUnsecureAPDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1053 | wlsxTrapDefinitionsGroup 1053 |
| wlsxUnsecureAPResolved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1054 | wlsxTrapDefinitionsGroup 1054 |
| wlsxStalmpersonation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1055 | wlsxTrapDefinitionsGroup 1055 |
| wlsxReservedChannelViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1056 | wlsxTrapDefinitionsGroup 1056 |
| wlsxValidSSIDViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1057 | wlsxTrapDefinitionsGroup 1057 |
| wlsxChannelMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1058 | wlsxTrapDefinitionsGroup 1058 |
| wlsxOUIMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1059 | wlsxTrapDefinitionsGroup 1059 |
| wlsxSSIDMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1060 | wlsxTrapDefinitionsGroup 1060 |
| wlsxShortPreambleMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1061 | wlsxTrapDefinitionsGroup 1061 |
| wlsxWPAMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1062 | wlsxTrapDefinitionsGroup 1062 |
| wlsxAdhocNetworkDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1063 | wlsxTrapDefinitionsGroup 1063 |
| wlsxAdhocNetworkRemoved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1064 | wlsxTrapDefinitionsGroup 1064 |
| wlsxStaPolicyViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1065 | wlsxTrapDefinitionsGroup 1065 |
| wlsxRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1066 | wlsxTrapDefinitionsGroup 1066 |

Table 92 *wlsx Trap Definitions Group OIDs (Continued)*

| Object | Object ID | |
|---|-------------------------------------|-------------------------------|
| wlsxWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1067 | wlsxTrapDefinitionsGroup 1067 |
| wlsxChannelInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1068 | wlsxTrapDefinitionsGroup 1068 |
| wlsxChannelInterferenceCleared | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1069 | wlsxTrapDefinitionsGroup 1069 |
| wlsxAPInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1070 | wlsxTrapDefinitionsGroup 1070 |
| wlsxAPInterferenceCleared | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1071 | wlsxTrapDefinitionsGroup 1071 |
| wlsxStaInterferenceDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1072 | wlsxTrapDefinitionsGroup 1072 |
| wlsxStaInterferenceCleared | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1073 | wlsxTrapDefinitionsGroup 1073 |
| wlsxFrameRetryRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1074 | wlsxTrapDefinitionsGroup 1074 |
| wlsxFrameReceiveErrorRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1075 | wlsxTrapDefinitionsGroup 1075 |
| wlsxFrameFragmentationRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1076 | wlsxTrapDefinitionsGroup 1076 |
| wlsxFrameBandWidthRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1077 | wlsxTrapDefinitionsGroup 1077 |
| wlsxFrameLowSpeedRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1078 | wlsxTrapDefinitionsGroup 1078 |
| wlsxFrameNonUnicastRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1079 | wlsxTrapDefinitionsGroup 1079 |
| wlsxLoadbalancingEnabled | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1080 | wlsxTrapDefinitionsGroup 1080 |
| wlsxLoadbalancingDisabled | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1081 | wlsxTrapDefinitionsGroup 1081 |
| wlsxChannelFrameRetryRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1082 | wlsxTrapDefinitionsGroup 1082 |
| wlsxChannelFrameFragmentationRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1083 | wlsxTrapDefinitionsGroup 1083 |
| wlsxChannelFrameErrorRateExceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1084 | wlsxTrapDefinitionsGroup 1084 |
| wlsxSignatureMatchAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1085 | wlsxTrapDefinitionsGroup 1085 |
| wlsxSignatureMatchSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1086 | wlsxTrapDefinitionsGroup 1086 |
| wlsxChannelRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1087 | wlsxTrapDefinitionsGroup 1087 |
| wlsxNodeRateAnomalyAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1088 | wlsxTrapDefinitionsGroup 1088 |
| wlsxNodeRateAnomalySta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1089 | wlsxTrapDefinitionsGroup 1089 |
| wlsxEAPRateAnomaly | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1090 | wlsxTrapDefinitionsGroup 1090 |
| wlsxSignalAnomaly | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1091 | wlsxTrapDefinitionsGroup 1091 |
| wlsxSequenceNumberAnomalyAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1092 | wlsxTrapDefinitionsGroup 1092 |
| wlsxSequenceNumberAnomalySta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1093 | wlsxTrapDefinitionsGroup 1093 |
| wlsxDisconnectStationAttack | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1094 | wlsxTrapDefinitionsGroup 1094 |
| wlsxApFloodAttack | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1095 | wlsxTrapDefinitionsGroup 1095 |
| wlsxAdhocNetwork | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1096 | wlsxTrapDefinitionsGroup 1096 |
| wlsxWirelessBridge | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1097 | wlsxTrapDefinitionsGroup 1097 |
| wlsxInvalidMacOUIAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1098 | wlsxTrapDefinitionsGroup 1098 |
| wlsxInvalidMacOUISta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1099 | wlsxTrapDefinitionsGroup 1099 |
| wlsxWEPMisconfiguration | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1100 | wlsxTrapDefinitionsGroup 1100 |

Table 92 *wlsx Trap Definitions Group OIDs (Continued)*

| Object | Object ID | |
|---|-------------------------------------|-------------------------------|
| wlsxStaRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1101 | wlsxTrapDefinitionsGroup 1101 |
| wlsxStaWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1102 | wlsxTrapDefinitionsGroup 1102 |
| wlsxStaAssociatedToUnsecureAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1103 | wlsxTrapDefinitionsGroup 1103 |
| wlsxStaUnAssociatedFromUnsecureAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1104 | wlsxTrapDefinitionsGroup 1104 |
| wlsxAdhocNetworkBridgeDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1105 | wlsxTrapDefinitionsGroup 1105 |
| wlsxInterferingApDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1106 | wlsxTrapDefinitionsGroup 1106 |
| wlsxPortUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1107 | wlsxTrapDefinitionsGroup 1107 |
| wlsxPortDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1108 | wlsxTrapDefinitionsGroup 1108 |
| wlsxBSSIDIsUpS | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1109 | wlsxTrapDefinitionsGroup 1109 |
| wlsxBSSIDIsDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1110 | wlsxTrapDefinitionsGroup 1110 |
| wlsxColdStart | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1111 | wlsxTrapDefinitionsGroup 1111 |
| wlsxWarmStart | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1112 | wlsxTrapDefinitionsGroup 1112 |
| wlsxAPImpersonation | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1113 | wlsxTrapDefinitionsGroup 1113 |
| wlsxInformQueueOverFlow | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1114 | wlsxTrapDefinitionsGroup 1114 |
| wlsxNAuthServerIsDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1115 | wlsxTrapDefinitionsGroup 1115 |
| wlsxCTSTransferError | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1116 | wlsxTrapDefinitionsGroup 1116 |
| wlsxCTSTransferSucceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1117 | wlsxTrapDefinitionsGroup 1117 |
| wlsxConfigurationUpdateError | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1118 | wlsxTrapDefinitionsGroup 1118 |
| wlsxConfigurationUpdateSucceeded | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1119 | wlsxTrapDefinitionsGroup 1119 |
| wlsxGlobalConfigurationChangeNotification | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1120 | wlsxTrapDefinitionsGroup 1120 |
| wlsxUserEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1121 | wlsxTrapDefinitionsGroup 1121 |
| wlsxAPBssidEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1122 | wlsxTrapDefinitionsGroup 1122 |
| wlsxAPRadioEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1123 | wlsxTrapDefinitionsGroup 1123 |
| wlsxAPEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1124 | wlsxTrapDefinitionsGroup 1124 |
| wlsxSwitchListEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1125 | wlsxTrapDefinitionsGroup 1125 |
| wlsxPortEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1126 | wlsxTrapDefinitionsGroup 1126 |
| wlsxVlanEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1127 | wlsxTrapDefinitionsGroup 1127 |
| wlsxVlanInterfaceEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1128 | wlsxTrapDefinitionsGroup 1128 |
| wlsxWindowsBridgeDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1129 | wlsxTrapDefinitionsGroup 1129 |
| wlsxLicenseEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1130 | wlsxTrapDefinitionsGroup 1130 |
| wlsxEsiServerChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1131 | wlsxTrapDefinitionsGroup 1131 |
| wlsxMonAPEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1132 | wlsxTrapDefinitionsGroup 1132 |
| wlsxMonStationEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1133 | wlsxTrapDefinitionsGroup 1133 |
| wlsxSignAPNetstumbler | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1134 | wlsxTrapDefinitionsGroup 1134 |

Table 92 *wlsx Trap Definitions Group OIDs (Continued)*

| Object | Object ID | |
|------------------------------------|-------------------------------------|-------------------------------|
| wlsxSignStaNetstumbler | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1135 | wlsxTrapDefinitionsGroup 1135 |
| wlsxSignAPAsleep | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1136 | wlsxTrapDefinitionsGroup 1136 |
| wlsxSignStaAsleep | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1137 | wlsxTrapDefinitionsGroup 1137 |
| wlsxSignAPAirjack | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1138 | wlsxTrapDefinitionsGroup 1138 |
| wlsxSignStaAirjack | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1139 | wlsxTrapDefinitionsGroup 1139 |
| wlsxSignAPNullProbeResp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1140 | wlsxTrapDefinitionsGroup 1140 |
| wlsxSignStaNullProbeResp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1141 | wlsxTrapDefinitionsGroup 1141 |
| wlsxSignAPDeauthBcast | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1142 | wlsxTrapDefinitionsGroup 1142 |
| wlsxSignStaDeauthBcast | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1143 | wlsxTrapDefinitionsGroup 1143 |
| wlsxWindowsBridgeDetectedAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1144 | wlsxTrapDefinitionsGroup 1144 |
| wlsxWindowsBridgeDetectedSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1145 | wlsxTrapDefinitionsGroup 1145 |
| wlsxAdhocNetworkBridgeDetectedAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1146 | wlsxTrapDefinitionsGroup 1146 |
| wlsxAdhocNetworkBridgeDetectedSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1147 | wlsxTrapDefinitionsGroup 1147 |
| wlsxDisconnectStationAttackAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1148 | wlsxTrapDefinitionsGroup 1148 |
| wlsxDisconnectStationAttackSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1149 | wlsxTrapDefinitionsGroup 1149 |
| wlsxSuspectUnsecureAPDetected | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1150 | wlsxTrapDefinitionsGroup 1150 |
| wlsxSuspectUnsecureAPResolved | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1151 | wlsxTrapDefinitionsGroup 1151 |
| wlsxConfigurationLicenseMismatch | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1152 | wlsxTrapDefinitionsGroup 1152 |
| wlsxVoiceCdrBufferThresholdReached | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1153 | wlsxTrapDefinitionsGroup 1153 |
| wlsxTunnelUp | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1154 | wlsxTrapDefinitionsGroup 1154 |
| wlsxTunnelDown | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1155 | wlsxTrapDefinitionsGroup 1155 |
| wlsxMeshNodeEntryChanged | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1156 | wlsxTrapDefinitionsGroup 1156 |
| wlsxHtGreenfieldSupported | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1157 | wlsxTrapDefinitionsGroup 1157 |
| wlsxHT40MHzIntoleranceAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1158 | wlsxTrapDefinitionsGroup 1158 |
| wlsxHT40MHzIntoleranceSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1159 | wlsxTrapDefinitionsGroup 1159 |
| wlsxNAuthServerAllInService | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1160 | wlsxTrapDefinitionsGroup 1160 |
| wlsxNAdhocNetwork | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1161 | wlsxTrapDefinitionsGroup 1161 |
| wlsxNAdhocNetworkBridgeDetectedAP | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1162 | wlsxTrapDefinitionsGroup 1162 |
| wlsxNAdhocNetworkBridgeDetectedSta | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1163 | wlsxTrapDefinitionsGroup 1163 |
| wlsxNAuthMaxXsecUserEntries | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1164 | wlsxTrapDefinitionsGroup 1164 |
| wlsxNVpnMaxSessions | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1165 | wlsxTrapDefinitionsGroup 1165 |
| wlsxNRapExpiredPSK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1166 | wlsxTrapDefinitionsGroup 1166 |
| wlsxNRapWarnExpiredPSK | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1167 | wlsxTrapDefinitionsGroup 1167 |
| wlsxNConnectionResetWithLocall | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1168 | wlsxTrapDefinitionsGroup 1168 |

Table 92 *wlsx Trap Definitions Group OIDs (Continued)*

| Object | Object ID | |
|---------------------------|-------------------------------------|-------------------------------|
| wlsxNApOnBackupController | 1.3.6.1.4.1.14823.2.3.1.11.1.2.1169 | wlsxTrapDefinitionsGroup 1169 |

wlsxVLANLinkUp

| | |
|--------------------|---|
| Objects | { wlsxTrapVLANId, wlsxTrapAdminStatus, wlsxTrapOperStatus } |
| Status | current |
| Description | This trap indicates that a VLAN interface is up. |

wlsxVLANLinkDown

| | |
|--------------------|---|
| Objects | { wlsxTrapVLANId, wlsxTrapAdminStatus, wlsxTrapOperStatus } |
| Status | current |
| Description | This trap indicates that a VLAN interface is down. |

wlsxSignatureMatch

| | |
|--------------------|--|
| Objects | { wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPBSSID, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that a signature match is detected. |

wlsxNodeRateAnomaly

| | |
|--------------------|--|
| Objects | { wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPBSSID, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that a node is exceeding the threshold set for the frame type. |

wlsxNormalTemperature

| | |
|--------------------|---|
| Objects | { wlsxTrapTemperatureValue } |
| Status | current |
| Description | This trap indicates that the temperature has returned to an acceptable range. |

wlsxProcessRestart

| | |
|--------------------|--|
| Objects | { wlsxTrapProcessName } |
| Status | current |
| Description | This trap indicates that the named process has been restarted. |

wlsxFlashSpaceOK

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that the system flash space is back to a sufficient level. |

wlsxMemoryUsageOK

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that the free memory usage is back to a sufficient level. The system memory threshold is 5 MB. |

wlsxPowerSupplyOK

| | |
|--------------------|---|
| Status | current |
| Description | This trap indicates that the system power supply conditions have returned to normal operation status. |

wlsxFanOK

| | |
|--------------------|--|
| Objects | { wlsxTrapFanNumber } |
| Status | current |
| Description | This trap indicates that the fan has returned to normal. |

wlsxInRangeVoltage

| | |
|--------------------|---|
| Objects | { wlsxTrapVoltageType, wlsxTrapVoltageValue } |
| Status | current |
| Description | This trap indicates that the switch voltage is back within range. |

wlsxCoverageHoleResolved

| | |
|--------------------|--|
| Objects | { wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapNodeMac } |
| Status | current |
| Description | This trap indicates that a coverage hole at location wlsxTrapAPLocation has been resolved. |
| History | Updated in AOS-W 3.1 — description. |

wlsxNSwitchIPChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapSwitchIp } |
| Status | current |
| Description | This trap indicates that the switch IP address has changed. |

wlsxNSwitchRoleChange

| | |
|--------------------|---|
| Objects | { wlsxTrapSwitchRole } |
| Status | current |
| Description | This trap indicates that the role of the switch IP address has changed in the domain. |

wlsxNUserEntryCreated

| | |
|--------------------|---|
| Objects | { wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress } |
| Status | current |
| Description | This trap indicates that a new user is created. |

wlsxNUserEntryDeleted

| | |
|--------------------|---|
| Objects | { wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress } |
| Status | current |
| Description | This trap indicates that a user is deleted. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNUserEntryAuthenticated

| | |
|--------------------|---|
| Objects | { wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapUserName, wlsxTrapUserAuthenticatio Method, wlsxTrapUserRole } |
| Status | current |
| Description | This trap indicates that a user is authenticated. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNUserEntryDeAuthenticated

| | |
|--------------------|---|
| Objects | { wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress } |
| Status | current |
| Description | This trap indicates that a user is deauthenticated. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNUserAuthenticationFailed

| | |
|--------------------|--|
| Objects | { wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress } |
| Status | current |
| Description | This trap indicates that a user authentication has failed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthServerReqTimedOut

| | |
|--------------------|---|
| Objects | { wlsxTrapAuthServerName } |
| Status | current |
| Description | This trap indicates that the authentication server request timed out. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthServerTimedOut

| | |
|--------------------|---|
| Objects | { wlsxTrapAuthServerName, wlsxTrapAuthServerTimeout } |
| Status | current |
| Description | This trap indicates that the authentication server timed out. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthServerIsUp

| | |
|--------------------|--|
| Objects | { wlsxTrapAuthServerName } |
| Status | current |
| Description | This trap indicates that an authentication server is up. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthMaxUserEntries

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that the user entries table is full and cannot add any more entries. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthMaxAclEntries

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates the ACL entries table is full and cannot add any more entries. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAuthMaxBWContracts

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates the switch reached the maximum number of configurable bandwidth contracts. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNPowerSupplyFailure

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates the power supply has failed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNFanFailure

| | |
|--------------------|--|
| Objects | { wlsxTrapFanNumber } |
| Status | current |
| Description | This trap indicates that the fan has failed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNOutOfRangeVoltage

| | |
|--------------------|--|
| Objects | { wlsxTrapVoltageType, wlsxTrapVoltageValue } |
| Status | current |
| Description | This trap indicates that the switch received out-of-range voltage. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNOutOfRangeTemperature

| | |
|--------------------|--|
| Objects | { wlsxTrapTemperatureValue } |
| Status | current |
| Description | This trap indicates that the switch internal temperature is out-of-bounds voltage. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNLCInserted

| | |
|--------------------|---|
| Objects | { wlsxTrapCardSlot } |
| Status | current |
| Description | This trap indicates that a line card is inserted. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNSCInserted

| | |
|--------------------|---|
| Objects | { wlsxTrapCardSlot } |
| Status | current |
| Description | This trap indicates that a supervisor card is inserted. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNGBICInserted

| | |
|--------------------|---|
| Status | current |
| Description | This trap indicates that a GBIC is inserted in a line card. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNProcessDied

| | |
|--------------------|--|
| Objects | { wlsxTrapProcessName } |
| Status | current |
| Description | This trap indicates that a process has died. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNProcessExceedsMemoryLimits

| | |
|--------------------|--|
| Objects | { wlsxTrapProcessName } |
| Status | current |
| Description | This trap indicates that a process is consuming large amounts of memory. |
| History | Added in AOS-W 3.1.0.0. This trap is deprecated in AOS-W 3.4. |

wlsxNLowOnFlashSpace

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that the switch is running low on flash space. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNLowMemory

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that the system free memory is low. The system memory threshold is 5 MB. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNFanTrayRemoved

| | |
|--------------------|---|
| Status | current |
| Description | This trap indicates that a fan tray is removed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNFanTrayInserted

| | |
|--------------------|--|
| Status | current |
| Description | This trap indicates that a fan tray is inserted. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNLCRemoved

| | |
|--------------------|--|
| Objects | { wlsxTrapCardSlot } |
| Status | current |
| Description | This trap indicates that a line card is removed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNPowerSupplyMissing

| | |
|--------------------|---|
| Status | current |
| Description | This trap indicates that the power supply is missing. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAccessPointIsUp

| | |
|--------------------|---|
| Objects | { wlsxTrapAPMacAddress } |
| Status | current |
| Description | This trap indicates that an access point is up. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNAccessPointIsDown

| | |
|--------------------|---|
| Objects | { wlsxTrapAPMacAddress } |
| Status | current |
| Description | This trap indicates that an access point is down. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNCoverageHoleDetected

| | |
|--------------------|---|
| Objects | { wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapNodeMac } |
| Status | current |
| Description | This trap indicates that an access point at location wlsxTrapAPLocation has detected a coverage hole. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNChannelChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point at location wlsxTrapAPLocation has changed the channel. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNStationAddedToBlackList

| | |
|--------------------|---|
| Objects | { wlsxTrapNodeMac, wlsxTrapStationBlackListReason } |
| Status | current |
| Description | This trap indicates that the station is black listed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNStationRemovedFromBlackList

| | |
|--------------------|--|
| Objects | { wlsxTrapNodeMac } |
| Status | current |
| Description | This trap indicates that the station is removed from the black list. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNIpSpoofingDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapSpoofedIpAddress, wlsxTrapSpoofedOldPhyAddress, wlsxTrapSpoofedNewPhyAddress } |
| Status | current |
| Description | A trap indicating that the switch detected IP spoofing. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNDBCommunicationFailure

| | |
|--------------------|---|
| Objects | { wlsxTrapDBName, wlsxTrapDBUserName, wlsxTrapDBIpAddress, wlsxTrapDBType } |
| Status | current |
| Description | This trap indicates that communication with the database failed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxNVrrpStateChange

| | |
|--------------------|--|
| Objects | { wlsxTrapVrrpID, wlsxTrapVrrpMasterIp wlsxTrapVrrpOperState } |
| Status | current |
| Description | This trap indicates that VRRP state has changed on the switch. |

wlsxNRadioAttributesChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPIpAddress, wlsxTrapAPChannel, wlsxTrapAPTxFPower } |
| Status | current |
| Description | This trap indicates changes in the radio attributes of an access point. |

wlsxNESIServerUp

| | |
|--------------------|---|
| Objects | { wlsxTrapESIServerGrpName, wlsxTrapESIServerName, wlsxTrapESIServerIpAddress } |
| Status | current |
| Description | This trap indicates that a ESI server is up. |

wlsxNESIServerDown

| | |
|--------------------|---|
| Objects | { wlsxTrapESIServerGrpName, wlsxTrapESIServerName, wlsxTrapESIServerIpAddress } |
| Status | current |
| Description | This trap indicates that a ESI server is down. |

wlsxNLicenseExpiry

| | |
|--------------------|---|
| Objects | { wlsxTrapLicenseDaysRemaining } |
| Status | current |
| Description | This trap indicates that one or more licenses on the switch will expire in wlsxTrapLicenseDaysRemaining days. |

wlsxUnsecureAPDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapRogueInfoURL } |
| Status | current |
| Description | This trap indicates that an unsecure access point is detected by an air monitor. The AP is declared unsecure, because it is matched to a configured MAC address or IP address. |

wlsxUnsecureAPResolved

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected unsecure access point is no longer present in the network. |

wlsxStalmpersonation

| | |
|--------------------|--|
| Objects | { wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected station impersonation. |

wlsxReservedChannelViolation

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected an access point that is violating the reserved channel configuration. |

wlsxValidSSIDViolation

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected an access point violating valid SSID configuration. |

wlsxChannelMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected an access point that has a bad channel configuration. |

wlsxOUIMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected an access point that has a bad OUI configuration. |

wlsxSSIDMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point has a bad SSID configuration. |

wlsxShortPreambleMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point has bad short preamble configuration. |

wlsxWPAMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point has bad WPA configuration. |

wlsxAdhocNetworkDetected

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| STATUS | current |
| Description | This trap indicates that an air monitor has detected an ad hoc network. |

wlsxAdhocNetworkRemoved

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected ad hoc network is no longer present in the network. |

wlsxStaPolicyViolation

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a valid station policy is violated. |

wlsxRepeatWEPIVViolation

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected a repeat WEP-IV violation. |

wlsxWeakWEPIVViolation

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AP/AM detected a weak WEP-IV violation. |

wlsxChannelInterferenceDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected channel interference. |

wlsxChannelInterferenceCleared

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected channel interference no longer present. |

wlsxAPInterferenceDetected

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected an AP interference on a channel. |

wlsxAPInterferenceCleared

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected AP interference no longer present. |

wlsxStaInterferenceDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected a station interference on a channel. |

wlsxStaInterferenceCleared

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected station interference is no longer present. |

wlsxFrameRetryRateExceeded

| | |
|--------------------|---|
| OBJECT | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame retry rate for AP. |

wlsxFrameReceiveErrorRateExceeded

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame receive error rate for AP. |

wlsxFrameFragmentationRateExceeded

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame fragmentation rate for AP. |

wlsxFrameBandwidthRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that a station has exceeded the allocated bandwidth rate. |

wlsxFrameLowSpeedRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that a station has exceeded the low speed rate. |

wlsxFrameNonUnicastRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that a station has exceeded the non-unicast traffic rate. |

wlsxLoadbalancingEnabled

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that an AP has enabled load balancing. |

wlsxLoadbalancingDisabled

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that an AP has enabled load balancing. |

wlsxChannelFrameRetryRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame retry rate. |

wlsxChannelFrameFragmentationRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame fragmentation rate. |

wlsxChannelFrameErrorRateExceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame error rate. |

wlsxSignatureMatchAP

| | |
|--------------------|--|
| Objects | { wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that we detected a signature match from an AP. |

wlsxSignatureMatchSta

| | |
|--------------------|--|
| Objects | { wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that we detected a signature match from a station. |

wlsxChannelRateAnomaly

| | |
|--------------------|--|
| Objects | { wlsxTrapFrameType, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected frames on a channel which exceed the configured IDS rate threshold. |

wlsxNodeRateAnomalyAP

| | |
|--------------------|--|
| Objects | { wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected frames transmitted by an AP which exceed the configured IDS rate threshold. |

wlsxNodeRateAnomalySta

| | |
|--------------------|---|
| Objects | { wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected frames transmitted by a node which exceed the configured IDS rate threshold. |

wlsxEAPRateAnomaly

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that the number of EAP handshake packets received by an air monitor exceeds the configured IDS EAP handshake rate. |

wlsxSignalAnomaly

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected a signal anomaly. |

wlsxSequenceNumberAnomalyAP

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor received packets from an AP which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS configuration object. |

wlsxSequenceNumberAnomalySta

| | |
|--------------------|---|
| Objects | { wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor received packets from a node which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS Configuration object. |

wlsxDisconnectStationAttack

| | |
|--------------------|--|
| Objects | { wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected a station disconnect attack. |

wlsxApFloodAttack

| | |
|--------------------|---|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap is triggered when the number of spurious APs detected by an air monitor exceeds the configured IDS threshold. |

wlsxAdhocNetwork

| | |
|--------------------|--|
| Objects | { wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected an ad hoc network. A station is connected to an ad hoc AP. |

wlsxWirelessBridge

| | |
|--------------------|---|
| Objects | { wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected a wireless bridge. The detected bridge is between wlsrSourceMac and wlsrReceiverMac. |

wlsxInvalidMacOUIAP

| | |
|--------------------|--|
| Objects | { wlsxTrapAddressType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected an invalid MAC OUI in transmission from an AP. |

wlsxInvalidMacOUISta

| | |
|--------------------|--|
| Objects | { wlsxTrapAddressType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected an invalid MAC OUI in transmission from a station. |

wlsxWEPMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point has a bad WEP configuration. |

wlsxStaRepeatWEPIVViolation

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected a repeat WEP-IV violation for a station. |

wlsxStaWeakWEPIVViolation

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected a weak WEP-IV violation for a station. |

wlsxStaAssociatedToUnsecureAP

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapRogueInfoURL } |
| Status | current |
| Description | This trap indicates that an air monitor has detected a station associated with an unsecure access point. |

wlsxStaUnAssociatedFromUnsecureAP

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac } |
| Status | current |
| Description | This trap indicates that a previously detected unsecure AP association is no longer present. |

wlsxAdhocNetworkBridgeDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network. |

wlsxInterferingApDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapInterferingAPIInfoURL } |
| Status | current |
| Description | This trap indicates that an interfering access point is detected by an air monitor located at wlsrLocation on channel wlsrCurrentChannel. |
| History | Added in AOS-W 3.1.0.0. |

wlsxPortUp

| | |
|--------------------|---|
| Objects | { wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapAdminStatus, wlsxTrapOperStatus } |
| Status | current |
| Description | This trap indicates that a physical port is up. |

wlsxPortDown

| | |
|--------------------|---|
| Objects | { wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapAdminStatus, wlsxTrapOperStatus } |
| Status | current |
| Description | This trap indicates that a physical port is down. |

wlsxBSSIDsUpS

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID } |
| Status | current |
| Description | This trap indicates that an access point is up. |

wlsxBSSIDsDown

| | |
|--------------------|--|
| Objects | { wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID } |
| Status | current |
| Description | This trap indicates that an access point is down. |

wlsxColdStart

| | |
|--------------------|---|
| Status | current |
| Description | An enterprise version of cold start trap, which contains the switch time stamp. |

wlsxWarmStart

| | |
|---------------|---------|
| Status | current |
|---------------|---------|

wlsxAPImpersonation

| | |
|--------------------|---|
| Objects | { wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor detected station impersonation. |

wlsxInformQueueOverflow

| | |
|--------------------|---|
| Objects | { wlsxTrapHostIp, wlsxTrapHostPort } |
| Status | current |
| Description | This trap indicates that an inform queue overflow condition occurred. |

wlsxNAuthServerIsDown

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapAuthServerName } |
| Status | current |
| Description | This trap indicates that an authentication server is down. |
| History | Added in AOS-W 3.1.0.0. |

wlsxCTSTransferError

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapCTSTransferType, wlsxTrapCTSURL } |
| Status | current |
| Description | This trap indicates the status of the configuration transfer from the management station. |
| History | Added in AOS-W 3.1.0.0. |

wlsxCTSTransferSucceeded

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapCTSTransferType, wlsxTrapCTSURL } |
| Status | current |
| Description | This trap indicates the status of the configuration transfer from the management station. |
| History | Added in AOS-W 3.1.0.0. |

wlsxConfigurationUpdateError

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapUpdateFailureReason, wlsxTrapUpdateFailedObj } |
| Status | current |
| Description | This trap indicates the configuration update status. |
| History | Added in AOS-W 3.1.0.0. |

wlsxConfigurationUpdateSucceeded

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapConfigurationId } |
| Status | current |
| Description | This trap indicates the configuration update status. |
| History | Added in AOS-W 3.1.0.0. |

wlsxGlobalConfigurationChangeNotification

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapGlobalConfigObj } |
| Status | current |
| Description | This trap indicates that global configuration was modified on the switch. |
| History | Added in AOS-W 3.1.0.0. |

wlsxUserEntryChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the user configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxAPBssidEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the BSSID configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxAPRadioEntryChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the radio configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxAPEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the AP configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxSwitchListEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapSwitchIp, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the switch list has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxPortEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the port configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxVlanEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapVlanId, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the VLAN configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxVlanInterfaceEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapVlanId, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the VLAN Interface configuration has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxWindowsBridgeDetected

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected a station that is bridging from a wireless |
| History | Added in AOS-W 3.1.0.0. |

wlsxLicenseEntryChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapLicenseId, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the license table has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxEsiServerChanged

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapESIServerName, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the ESI server table has changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxMonAPEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPBSSID, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that a monitored AP entry changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxMonStationEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that a monitored station entry changed. |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignAPNetstumbler

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Netstumbler from an AP. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0025 . |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignStaNetstumbler

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Netstumbler from a station. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0025 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignAPAsleep

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for ASLEAP from an AP. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0027 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignStaAsleep

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for ASLEAP from a station. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0027 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignAPAirjack

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for AirJack from an AP. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0018 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignStaAirjack

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for AirJack from a station. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0018 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignAPNullProbeResp

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Null-Probe-Response from an AP. For more information refer to: http://www.wve.org/entries/show/WVE-2006-0064 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignStaNullProbeResp

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Null-Probe-Response from a station. For more information refer to: http://www.wve.org/entries/show/WVE-2006-0064 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignAPDeauthBcast

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Deauth-Broadcast from an AP. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0045 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSignStaDeauthBcast

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a signature match for Deauth-Broadcast from a station. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0045 |
| History | Added in AOS-W 3.1.0.0. |

wlsxWindowsBridgeDetectedAP

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected a station that is bridging from a wireless network to a wired network. |
| History | Added in AOS-W 3.1.0.0. |

wlsxWindowsBridgeDetectedSta

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected a station that is bridging from a wireless network to a wired network. |
| History | Added in AOS-W 3.1.0.0. |

wlsxAdhocNetworkBridgeDetectedAP

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network. |
| History | Added in AOS-W 3.1.0.0. |

wlsxAdhocNetworkBridgeDetectedSta

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network' |
| History | Added in AOS-W 3.1.0.0. |

wlsxDisconnectStationAttackAP

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected a station disconnect attack. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0048 |
| History | Added in AOS-W 3.1.0.0. |

wlsxDisconnectStationAttackSta

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that an air monitor detected a station disconnect attack. For more information refer to: http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0048 |
| History | Added in AOS-W 3.1.0.0. |

wlsxSuspectUnsecureAPDetected

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber, wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapConfidenceLevel, wlsxTrapAPLocation, wlsxTrapRogueInfoURL } |
| Status | current |
| Description | This trap indicates that a suspected unsecure access point is detected by a switch. The access point is suspected to be unsecure with the supplied confidence level, because it was matched to the wired MAC address or IP address. |
| History | Added in AOS-W 3.1.0.0. |

wlsxSuspectUnsecureAPResolved

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber } |
| Status | current |
| Description | This trap indicates that a previously detected suspected unsecure access point is no longer present in the network or has changed its state. |
| History | Added in AOS-W 3.1.0.0. |

wlsxConfigurationLicenseMismatch

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapMissingLicenses } |
| Status | current |
| Description | This trap indicates the configuration update status in the case where some configuration could not be applied due to missing licenses. |
| History | Added in AOS-W 3.1.0.0. |

wlsxVoiceCdrBufferThresholdReached

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxVoiceCurrentNumCdr } |
| Status | current |
| Description | This trap indicates that the CDR buffer threshold has been reached. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTunnelUp

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapTunnelId, wlsxTrapTunnelUpReason, wlsxTrapTunnelStatus } |
| Status | current |
| Description | This trap indicates that a tunnel interface is up. |
| History | Added in AOS-W 3.1.0.0. |

wlsxTunnelDown

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTunnelId, wlsxTrapTunnelDownReason, wlsxTrapTunnelStatus } |
| Status | current |
| Description | This trap indicates that a tunnel interface is down. |
| History | Added in AOS-W 3.1.0.0. |

wlsxMeshNodeEntryChanged

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapTableEntryChangeType } |
| Status | current |
| Description | This trap indicates that the mesh node configuration has changed. |
| History | Added in AOS-W 3.2.0.0. |

wlsxHtGreenfieldSupported

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AP/AM detected an AP that can supported HT Greenfield mode. |
| History | Added in AOS-W 3.3.0.0. |

wlsxHT40MHzIntoleranceAP

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AP/AM detected an AP that has the HT 40MHz intolerance setting. |
| History | Added in AOS-W 3.3.0.0. |

wlsxHT40MHzIntoleranceSta

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPChannel, wlsxTrapFrameType, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation } |
| Status | current |
| Description | This trap indicates that the system detected a HT 40MHz Intolerance setting a Station. |
| History | Added in AOS-W 3.3.0.0. |

wlsxNAuthServerAllInService

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapESIServerGrpName } |
| Status | current |
| Description | This trap indicates that all authentication servers in a server group are brought back in service |
| History | Added in AOS-W 3.4.1 |

wlsxNAdhocNetwork

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AM detected an Ad hoc Network. An Station is connected to an ad hoc AP. |
| History | Added in AOS-W 3.4.1 |

wlsxNAdhocNetworkBridgeDetectedAP

| | |
|--------------------|--|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network |
| History | Added in AOS-W 3.4.1 |

wlsxNAdhocNetworkBridgeDetectedSta

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network |
| History | Added in AOS-W 3.4.1 |

wlsxNAuthMaxXsecUserEntries

| | |
|--------------------|---|
| Objects | { wlsxTrapTime } |
| Status | current |
| Description | A trap which indicates that the xSec user limit is reached. |
| History | Added in AOS-W 3.4.1 |

wlsxNVpnMaxSessions

| | |
|--------------------|---|
| Objects | { wlsxTrapTime } |
| Status | current |
| Description | A trap which indicates that the VPN session limit is reached. |
| History | Added in AOS-W 3.4.1 |

wlsxNRapExpiredPSK

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapAPIpAddress, wlsxTrapApSerialNumber } |
| Status | current |
| Description | A trap which indicates that the RAP is using the Expired PSK. |
| History | Added in AOS-W 3.4.1 |

wlsxNRapWarnExpiredPSK

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTimeStr } |
| Status | current |
| Description | A trap which indicates that the Cached IKE PSK for RAPs will expire soon. |
| History | Added in AOS-W 3.4.1 |

wlsxNConnectionResetWithLocal

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapMasterName, wlsxTrapMasterIp, wlsxTrapLocalName, wlsxTrapLocalIp, wlsxTrapTimeStr } |
| Status | current |
| Description | A trap which indicates that tcp connection between master switch and local switch has been lost. |
| History | Added in AOS-W 3.4.1 |

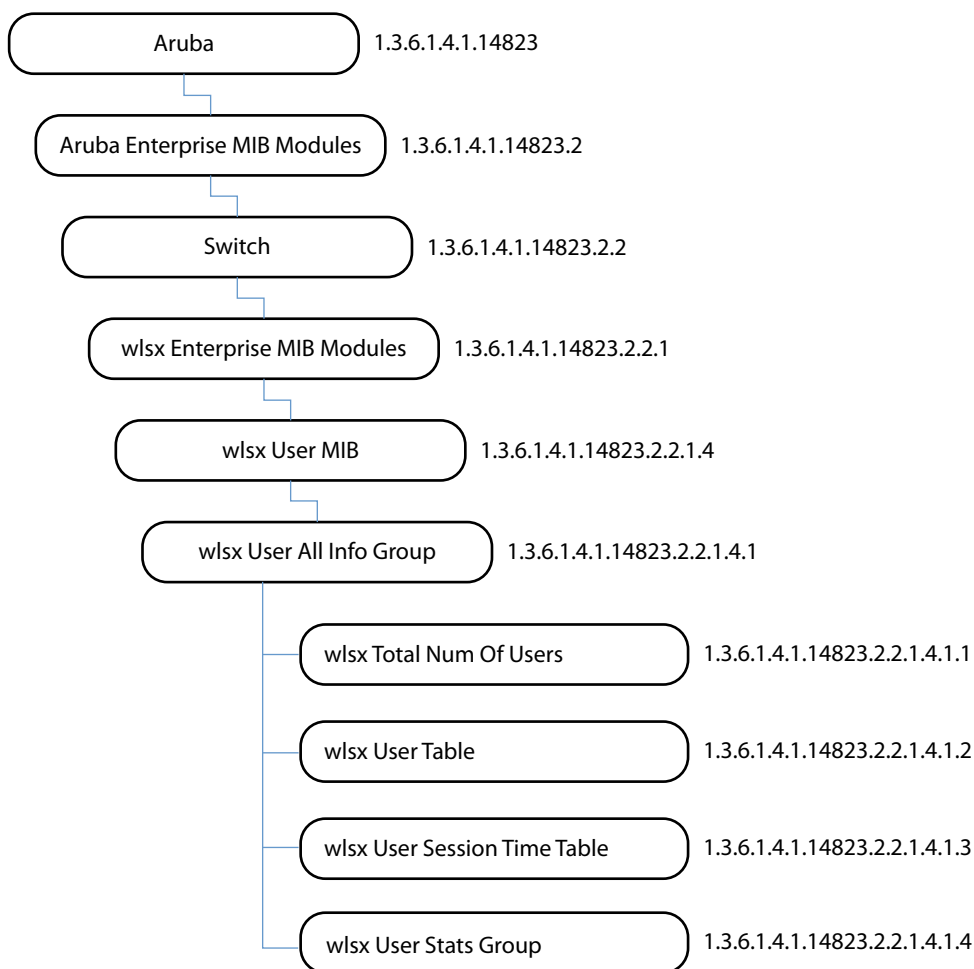
wlsxNApOnBackupController

| | |
|--------------------|---|
| Objects | { Objects wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapBackupControllerIp, wlsxTrapPrimaryControllerIp } |
| Status | current |
| Description | A trap which indicates that tcp connection between master switch and local switch has been lost. |
| History | Added in AOS-W 3.4.1 |

The User module provides information about the *user*, the party connected to the switch. Information includes the total number of users, name and access-level of the user, the physical location of the user's station, and so on. *User* MIBs support IPv4. For IPv6 support, see [Chapter 17 on page 365](#).

[Figure 17](#) shows the architecture of the User MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The User MIBs are listed in the file *aruba-user.mib*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 17 *User Hierarchy*



The User MIB contains the following tables.

Table 93 *User MIB Tables*

| Table | Description |
|-------------------------------------|---|
| wlsxTotalNumOfUsers | This table lists the total number of users connected to the switch. |
| wlsxUserTable | This table lists all the users (both wired and wireless) currently connected to the switch. Users are identified by their MAC address and IP address. |

Table 93 *User MIB Tables (Continued)*

| Table | Description |
|--------------------------|--|
| wlsxUserSessionTimeTable | This table lists the user session time counts on an ESSID. The session times are sorted by time length (duration). |
| wlsxUserStatsGroup | This table lists the user count information based on the authentication type. |

wlsxTotalNumOfUsers

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This table lists the total number of users. |

wlsxUserTable

The object of the wlsx User table is actually a counter—it lists all the users (both wired and wireless) that are connected to the switch. Users are identified by their MAC address and IP address.

Table 94 *wlsxUserTable OIDs*

| Object | Object ID | |
|------------------------------|---------------------------------|------------------|
| wlsxUserEntry | 1.3.6.1.4.1.14823.2.2.1.4.1.2.1 | wlsxUserTable 1 |
| nUserPhyAddress | 1.3.6.1.4.1.14823.2.4.1.2.1.1 | wlsxUserEntry 1 |
| nUserIpAddress | 1.3.6.1.4.1.14823.2.4.1.2.1.2 | wlsxUserEntry 2 |
| nUserName | 1.3.6.1.4.1.14823.2.4.1.2.1.3 | wlsxUserEntry 3 |
| nUserRole | 1.3.6.1.4.1.14823.2.4.1.2.1.4 | wlsxUserEntry 4 |
| nUserUpTime | 1.3.6.1.4.1.14823.2.4.1.2.1.5 | wlsxUserEntry 5 |
| nUserAuthenticationMethod | 1.3.6.1.4.1.14823.2.4.1.2.1.6 | wlsxUserEntry 6 |
| nUserSubAuthenticationMethod | 1.3.6.1.4.1.14823.2.4.1.2.1.7 | wlsxUserEntry 7 |
| nUserAuthServerName | 1.3.6.1.4.1.14823.2.4.1.2.1.8 | wlsxUserEntry 8 |
| nUserExtVPNAddress | 1.3.6.1.4.1.14823.2.4.1.2.1.9 | wlsxUserEntry 9 |
| nUserApLocation | 1.3.6.1.4.1.14823.2.4.1.2.1.10 | wlsxUserEntry 10 |
| nUserApBSSID | 1.3.6.1.4.1.14823.2.4.1.2.1.11 | wlsxUserEntry 11 |
| nUserIsOnHomeAgent | 1.3.6.1.4.1.14823.2.4.1.2.1.12 | wlsxUserEntry 12 |
| nUserHomeAgentIpAddress | 1.3.6.1.4.1.14823.2.4.1.2.1.13 | wlsxUserEntry 13 |
| nUserMobilityStatus | 1.3.6.1.4.1.14823.2.4.1.2.1.14 | wlsxUserEntry 14 |
| nUserHomeVLAN | 1.3.6.1.4.1.14823.2.4.1.2.1.15 | wlsxUserEntry 15 |
| nUserDefaultVLAN | 1.3.6.1.4.1.14823.2.4.1.2.1.16 | wlsxUserEntry 16 |
| nUserAssignedVLAN | 1.3.6.1.4.1.14823.2.4.1.2.1.17 | wlsxUserEntry 17 |

Table 94 *wlsxUserTable OIDs (Continued)*

| Object | Object ID | |
|-------------------------|--------------------------------|------------------|
| nUserBWContractName | 1.3.6.1.4.1.14823.2.4.1.2.1.18 | wlsxUserEntry 18 |
| nUserBWContractUsage | 1.3.6.1.4.1.14823.2.4.1.2.1.19 | wlsxUserEntry 19 |
| nUserBWContractId | 1.3.6.1.4.1.14823.2.4.1.2.1.20 | wlsxUserEntry 20 |
| nUserIsProxyArpEnabled | 1.3.6.1.4.1.14823.2.4.1.2.1.21 | wlsxUserEntry 21 |
| nUserCurrentVLAN | 1.3.6.1.4.1.14823.2.4.1.2.1.22 | wlsxUserEntry 22 |
| nUserIsWired | 1.3.6.1.4.1.14823.2.4.1.2.1.23 | wlsxUserEntry 23 |
| nUserConnectedSlot | 1.3.6.1.4.1.14823.2.4.1.2.1.24 | wlsxUserEntry 24 |
| nUserConnectedPort | 1.3.6.1.4.1.14823.2.4.1.2.1.25 | wlsxUserEntry 25 |
| nUserPhyType | 1.3.6.1.4.1.14823.2.4.1.2.1.26 | wlsxUserEntry 26 |
| nUserMobilityDomainName | 1.3.6.1.4.1.14823.2.4.1.2.1.27 | wlsxUserEntry 27 |
| nUserJPBWContractName | 1.3.6.1.4.1.14823.2.4.1.2.1.28 | wlsxUserEntry 28 |
| nUserJPBWContractUsage | 1.3.6.1.4.1.14823.2.4.1.2.1.29 | wlsxUserEntry 29 |
| nUserJPBWContractId | 1.3.6.1.4.1.14823.2.4.1.2.1.30 | wlsxUserEntry 30 |
| nUserDNBWContractName | 1.3.6.1.4.1.14823.2.4.1.2.1.31 | wlsxUserEntry 31 |
| nUserDNBWContractUsage | 1.3.6.1.4.1.14823.2.4.1.2.1.32 | wlsxUserEntry 32 |
| nUserDNBWContractId | 1.3.6.1.4.1.14823.2.4.1.2.1.33 | wlsxUserEntry 33 |
| nUserHTMode | 1.3.6.1.4.1.14823.2.4.1.2.1.34 | wlsxUserEntry 34 |
| nUserEncryptionMethod | 1.3.6.1.4.1.14823.2.4.1.2.1.35 | wlsxUserEntry 35 |

wlsxUserEntry

| | |
|--------------------|-------------------------------------|
| Syntax | wlsxUserEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry |
| Index | { nUserPhyAddress, nUserIpAddress } |
| History | Added in AOS-W 2.3. |

nUserPhyAddress

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | Physical address of the station from which the user connected to the switch. |
| History | Added in AOS-W 2.3. |

nUserIpAddress

| | |
|--------------------|-------------------------|
| Syntax | IpAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | IP address of the user. |
| History | Added in AOS-W 2.3. |

nUserName

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(SIZE(0..128)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the user. |
| History | Added in AOS-W 2.3. |

nUserRole

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The role configured for this user. |
| History | Added in AOS-W 2.3. |

nUserUpTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the user connected to the switch. |
| History | Added in AOS-W 2.3. |

nUserAuthenticationMethod

| | |
|--------------------|---|
| Syntax | ArubaAuthenticationMethods |
| Max-Access | read-only |
| Status | current |
| Description | Authentication mechanism used by the user to connect to the switch. |
| History | Added in AOS-W 2.3. |

nUserSubAuthenticationMethod

| | |
|--------------------|-------------------------------|
| Syntax | ArubaSubAuthenticationMethods |
| Max-Access | read-only |
| Status | current |
| Description | Sub-authentication method |
| History | Added in AOS-W 2.3. |

nUserAuthServerName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the authentication server used to authenticate the user. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description |

nUserExtVPNAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | External VPN IP address if this is a VPN user, or 0.0.0.0 if not. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

nUserApLocation

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point with which the user used is associated. |
| History | Updated in AOS-W 3.2.0.0.—description. |

nUserApBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | BSSID of the access point which the user used to connect to the switch. |

nUserIsOnHomeAgent

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | The object will indicate if the switch is the home switch for the user or not. |
| History | Added in AOS-W 2.3. |

nUserHomeAgentIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | The home agent IP address of the user. If this user is already on the home switch, then this IP is the switch IP address. Otherwise, it is the home switch IP address |
| History | Added in AOS-W 2.3. |

nUserMobilityStatus

| | |
|--------------------|---|
| Syntax | Integer visitor(1) away(2) associated(3) wired(4) |
| Max-Access | read-only |
| Status | current |
| Description | The mobility status of the user. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—addition of syntax item (4) |

nUserHomeVLAN

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Home VLAN of the user. If the user is on the home switch, then this VLAN will be the same as <i>userDefaultVLAN</i> . |
| History | Added in AOS-W 2.3. |

nUserDefaultVLAN

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Default VLAN of the user based on the access point configuration. |
| History | Added in AOS-W 2.3. |

nUserAssignedVLAN

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This VLAN will be different from the default VLAN if the user has a derived VLAN configuration. |
| History | Added in AOS-W 2.3. |

nUserBWContractName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | deprecated |
| Description | Name of the bandwidth contract applied to this user. |
| History | Added in AOS-W 2.3. Deprecated in AOS-W 3.2.0.0. |

nUserBWContractUsage

| | |
|--------------------|---|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the bandwidth contract is used. |
| History | Added in AOS-W 2.3. Deprecated in AOS-W 3.2.0.0. |

nUserBWContractId

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Bandwidth contract ID assigned to the user |
| History | Added in AOS-W 2.3. Deprecated in AOS-W 3.2.0.0. |

nUserIsProxyArpEnabled

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates if the switch is proxy ARPing for the user. |

nUserCurrentVLAN

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The VLAN to which the user is currently bound. |

nUserIsWired

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether this is a wired or wireless user. |
| History | Added in AOS-W 2.3. |

nUserConnectedSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot to which the user is connected, if wired. |
| History | Added in AOS-W 2.3. |

nUserConnectedPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The port to which the user is connected, if wired. |
| History | Added in AOS-W 2.3. |

nUserPhyType

| | |
|--------------------|---|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | The wireless PHY type to which the user is associated or wired. |
| History | Added in AOS-W 3.1 |

nUserMobilityDomainName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The name of the mobility domain to which the mobile user belongs. |
| History | Added in AOS-W 3.1 |

nUserUPBWContractName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the upstream bandwidth contract applied to this user. |
| History | Added in AOS-W 3.2.0.0. |

nUserUPBWContractUsage

| | |
|--------------------|--|
| Syntax | Integer user(1), shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the upstream bandwidth contract is used. |
| History | Added in AOS-W 3.2.0.0. |

nUserUPBWContractId

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Upstream bandwidth contract ID assigned to the user. |
| History | Added in AOS-W 3.2.0.0. |

nUserDNBWContractName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the downstream bandwidth contract applied to this user. |
| History | Added in AOS-W 3.2.0.0. |

nUserDNBWContractUsage

| | |
|--------------------|--|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the downstream bandwidth contract is used. |
| History | Added in AOS-W 3.2.0.0. |

nUserDNBWContractId

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Downstream bandwidth contract ID assigned to the user. |
| History | Added in AOS-W 3.2.0.0. |

nUserHTMode

| | |
|--------------------|-----------------------------------|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | The HT mode of this user, if any. |
| History | Added in AOS-W 3.3.0.0. |

nUserEncryptionMethod

| | |
|--------------------|--|
| Syntax | ArubaEncryptionMethod |
| Max-Access | read-only |
| Status | current |
| Description | Provides encryption method information through SNMP. |
| History | Added in AOS-W 3.4 |

wlsxUserSessionTimeTable

The objects of the wlsx User Session Time table list the user session time counts on an ESSID. The sessions are sorted by time length. The sessions that last longer than 240 minutes are sorted in the 240 minute *bucket*.

Table 95 wlsxUserSessionTimeTable OIDs

| Object | Object ID | |
|---------------------------|-----------------------------------|----------------------------|
| wlsxUserSessionTimeEntry | 1.3.6.1.4.1.14823.2.2.1.4.1.3.1 | wlsxUserSessionTimeTable 1 |
| wlsxUserSessionTimeLength | 1.3.6.1.4.1.14823.2.2.1.4.1.3.1.1 | wlsxUserSessionTimeEntry 1 |
| wlsxUserSessionTimeCount | 1.3.6.1.4.1.14823.2.2.1.4.1.3.1.2 | wlsxUserSessionTimeEntry 2 |

wlsxUserSessionTimeEntry

| | |
|--------------------|--|
| Syntax | wlsxUserSessionTimeEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User session time data, divided into buckets of different time length. |
| Index | { wlanESSID, wlsxUserSessionTimeLength } |
| History | Added in AOS-W 3.1.0.0. |

wlsxUserSessionTimeLength

| | |
|--------------------|---------------------------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Pre-defined user session time length. |
| History | Added in AOS-W 3.1.0.0. |

wlsxUserSessionTimeCount

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of users that are connected to the ESSID whose sessions expired in this time interval. |
| History | Added in AOS-W 3.1.0.0. |

wlsxUserStatsGroup

The objects of the wlsx User Stats Group table provide user statistics information based on authentication types.

Table 96 *wlsxUserStatsGroup* OIDs

| Object | Object ID | |
|-----------------------------|---------------------------------|----------------------|
| wlsxNumOfUsers8021x | 1.3.6.1.4.1.14823.2.2.1.4.1.4.1 | wlsxUserStatsGroup 1 |
| wlsxNumOfUsersVPN | 1.3.6.1.4.1.14823.2.2.1.4.1.4.2 | wlsxUserStatsGroup 2 |
| wlsxNumOfUsersCP | 1.3.6.1.4.1.14823.2.2.1.4.1.4.3 | wlsxUserStatsGroup 3 |
| wlsxNumOfUsersMAC | 1.3.6.1.4.1.14823.2.2.1.4.1.4.4 | wlsxUserStatsGroup 4 |
| wlsxNumOfUsersStateful8021x | 1.3.6.1.4.1.14823.2.2.1.4.1.4.5 | wlsxUserStatsGroup 5 |

wlsxNumOfUsers8021x

| | |
|--------------------|----------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of 802.1x users |
| History | Added in AOS-W 3.4 |

wlsxNumOfUsersVPN

| | |
|--------------------|--------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of VPN users. |
| History | Added in AOS-W 3.4 |

wlsxNumOfUsersCP

| | |
|--------------------|-------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of Captive Portal users. |
| History | Added in AOS-W 3.4 |

wlsxNumOfUsersMAC

| | |
|--------------------|--------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of MAC users. |
| History | Added in AOS-W 3.4 |

wlsxNumOfUsersStateful8021x

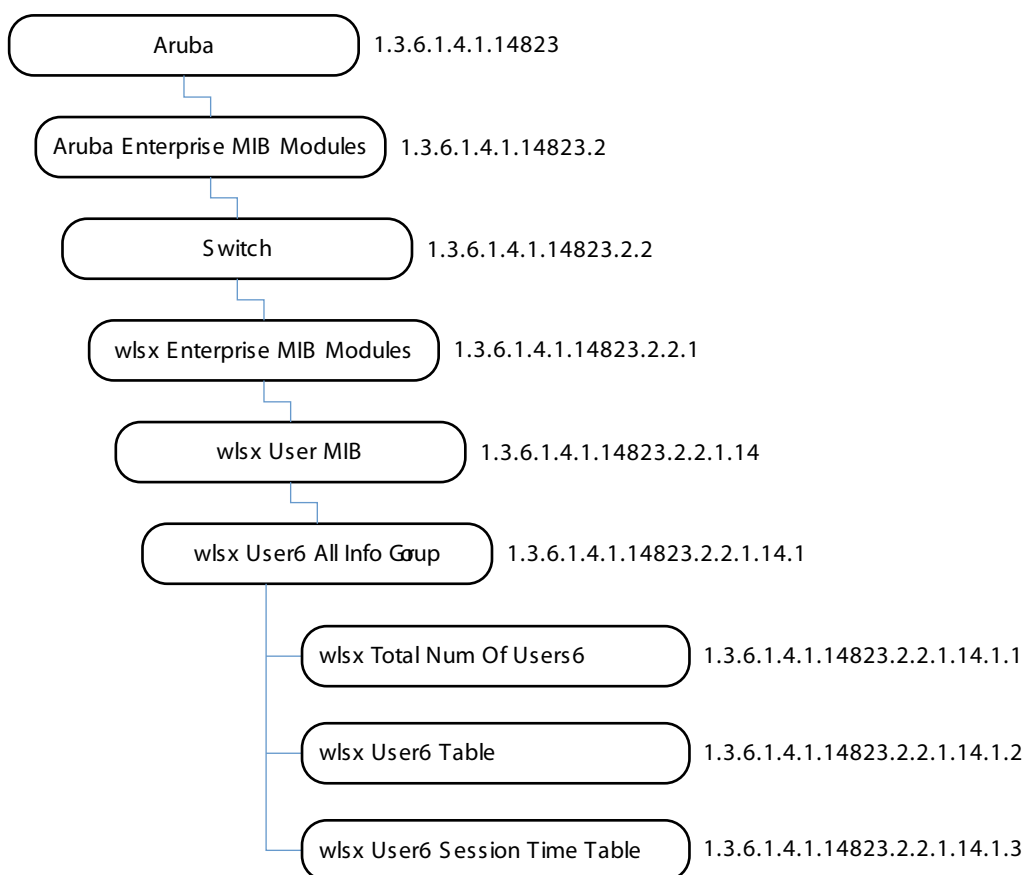
| | |
|--------------------|--------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of stateful 802.1x users. |
| History | Added in AOS-W 3.4 |

The User6 module supports IPv6 users. This module provides information about the users, the party connected to the switch. Information includes the total number of users, name and access-level of the user, the physical location of the user's station, and so on.

For IPv4 support, see [Chapter 16 on page 351](#).

Figure 17 shows the architecture of the User6 MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The User MIBs are listed in the file *aruba-user6.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 18 *User6 Hierarchy*



The User6 MIB contains the following tables.

Table 97 *User6 MIB Tables*

| Table | Description |
|---------------------------------------|---|
| wlsxUser6AllInfoGroup | This table lists the total number of users connected to the switch. |
| wlsxUser6Table | This table lists all the users (both wired and wireless) currently connected to the switch. Users are identified by their MAC address and IP address. |

Table 97 *User6 MIB Tables (Continued)*

| Table | Description |
|---------------------------|--|
| wlsxUser6SessionTimeTable | This table lists the user session time counts on an ESSID. The session times are sorted by time length (duration). |

wlsxUser6AllInfoGroup

The wlsx User6 All Information Group contains information about the users in the switch.

wlsxTotalNumOfUsers6

| | |
|--------------------|----------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Total Number of the users. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6Table

The wlsx User6 Table lists all the users both wired and wireless that are currently connected to the switch. Users are identified by their MAC address and their IP address.

Table 98 *wlsxUser6AllInfoGroup Objects*

| Object | Object ID | |
|-------------------------------|-----------------------------------|-------------------------|
| wlsxUser6Entry | 1.3.6.1.4.1.14823.2.2.1.14.1.2 | wlsxUser6AllInfoGroup 2 |
| nUser6PhyAddress | 1.3.6.1.4.1.14823.2.2.1.14.1.2.1 | wlsxUser6Entry 1 |
| nUser6IpAddress | 1.3.6.1.4.1.14823.2.2.1.14.1.2.2 | wlsxUser6Entry 2 |
| nUser6Name | 1.3.6.1.4.1.14823.2.2.1.14.1.2.3 | wlsxUser6Entry 3 |
| nUser6Role | 1.3.6.1.4.1.14823.2.2.1.14.1.2.4 | wlsxUser6Entry 4 |
| nUser6UpTime | 1.3.6.1.4.1.14823.2.2.1.14.1.2.5 | wlsxUser6Entry5 |
| nUser6AuthenticationMethod | 1.3.6.1.4.1.14823.2.2.1.14.1.2.6 | wlsxUser6Entry 6 |
| nUser6SubAuthenticationMethod | 1.3.6.1.4.1.14823.2.2.1.14.1.2.7 | wlsxUser6Entry 7 |
| nUser6AuthServerName | 1.3.6.1.4.1.14823.2.2.1.14.1.2.8 | wlsxUser6Entry 8 |
| nUser6ExtVPNAddress | 1.3.6.1.4.1.14823.2.2.1.14.1.2.9 | wlsxUser6Entry 9 |
| nUser6ApLocation | 1.3.6.1.4.1.14823.2.2.1.14.1.2.10 | wlsxUser6Entry 10 |
| nUser6ApBSSID | 1.3.6.1.4.1.14823.2.2.1.14.1.2.11 | wlsxUser6Entry 11 |
| nUser6IsOnHomeAgent | 1.3.6.1.4.1.14823.2.2.1.14.1.2.12 | wlsxUser6Entry 12 |
| nUser6HomeAgentIpAddress | 1.3.6.1.4.1.14823.2.2.1.14.1.2.13 | wlsxUser6Entry 13 |
| nUser6MobilityStatus | 1.3.6.1.4.1.14823.2.2.1.14.1.2.14 | wlsxUser6Entry 14 |
| nUser6HomeVLAN | 1.3.6.1.4.1.14823.2.2.1.14.1.2.15 | wlsxUser6Entry 15 |

Table 98 *wlsxUser6AllInfoGroup Objects*

| Object | Object ID | |
|--------------------------|-----------------------------------|-------------------|
| nUser6DefaultVLAN | 1.3.6.1.4.1.14823.2.2.1.14.1.2.16 | wlsxUser6Entry 16 |
| nUser6AssignedVLAN | 1.3.6.1.4.1.14823.2.2.1.14.1.2.17 | wlsxUser6Entry 17 |
| nUser6BWContractName | 1.3.6.1.4.1.14823.2.2.1.14.1.2.18 | wlsxUser6Entry 18 |
| nUser6BWContractUsage | 1.3.6.1.4.1.14823.2.2.1.14.1.2.19 | wlsxUser6Entry 19 |
| nUser6BWContractId | 1.3.6.1.4.1.14823.2.2.1.14.1.2.20 | wlsxUser6Entry 20 |
| nUser6IsProxyArpEnabled | 1.3.6.1.4.1.14823.2.2.1.14.1.2.21 | wlsxUser6Entry 21 |
| nUser6CurrentVLAN | 1.3.6.1.4.1.14823.2.2.1.14.1.2.22 | wlsxUser6Entry 22 |
| nUser6IsWired | 1.3.6.1.4.1.14823.2.2.1.14.1.2.23 | wlsxUser6Entry 23 |
| nUser6ConnectedSlot | 1.3.6.1.4.1.14823.2.2.1.14.1.2.24 | wlsxUser6Entry 24 |
| nUser6ConnectedPort | 1.3.6.1.4.1.14823.2.2.1.14.1.2.25 | wlsxUser6Entry 25 |
| nUser6PhyType | 1.3.6.1.4.1.14823.2.2.1.14.1.2.26 | wlsxUser6Entry 26 |
| nUser6MobilityDomainName | 1.3.6.1.4.1.14823.2.2.1.14.1.2.27 | wlsxUser6Entry 27 |
| nUser6UPBWContractName | 1.3.6.1.4.1.14823.2.2.1.14.1.2.28 | wlsxUser6Entry 28 |
| nUser6UPBWContractUsage | 1.3.6.1.4.1.14823.2.2.1.14.1.2.29 | wlsxUser6Entry 29 |
| nUser6UPBWContractId | 1.3.6.1.4.1.14823.2.2.1.14.1.2.30 | wlsxUser6Entry 30 |
| nUser6DNBWContractName | 1.3.6.1.4.1.14823.2.2.1.14.1.2.31 | wlsxUser6Entry 31 |
| nUser6DNBWContractUsage | 1.3.6.1.4.1.14823.2.2.1.14.1.2.32 | wlsxUser6Entry 32 |
| nUser6DNBWContractId | 1.3.6.1.4.1.14823.2.2.1.14.1.2.33 | wlsxUser6Entry 33 |
| nUser6HTMode | 1.3.6.1.4.1.14823.2.2.1.14.1.2.34 | wlsxUser6Entry 34 |

wlsxUser6Entry

| | |
|--------------------|---------------------------------------|
| Syntax | wlsxUser6Entry |
| Max-Access | not-accessible |
| Status | current |
| Description | User Entry |
| Index | { nUser6PhyAddress, nUser6IpAddress } |

nUser6PhyAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | MAC address of the station from which the user connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

nUser6IpAddress

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(SIZE(0..128)) |
| Max-Access | not-accessible |
| Status | current |
| Description | IPv6 Address of the user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6Name

| | |
|--------------------|-----------------------------|
| Syntax | DisplayString(SIZE(0..128)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the User. |
| History | Added in AOS-W 3.3.0.0. |

nUser6Role

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Accessy | read-onl |
| Status | current |
| Description | The Role configured for this user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6UpTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the user connected to the switch. |
| History | Added in AOS-W 3.3.0.0. |

nUser6AuthenticationMethod

| | |
|--------------------|---|
| Syntax | ArubaAuthenticationMethods |
| Max-Access | read-only |
| Status | current |
| Description | Authentication mechanism used by the user to connect to the switch. |
| History | Added in AOS-W 3.3.0.0. |

nUser6SubAuthenticationMethod

| | |
|--------------------|-------------------------------|
| Syntax | ArubaSubAuthenticationMethods |
| Max-Access | read-only |
| Status | current |
| Description | Sub Authentication Method |
| History | Added in AOS-W 3.3.0.0. |

nUser6AuthServerName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the authentication server used to authenticate the user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6ExtVPNAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | External VPN IP Address, if this is a VPN user or 0.0.0.0 if not. |
| History | Added in AOS-W 3.3.0.0. |

nUser6ApLocation

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point to which the user is associated. |
| History | Added in AOS-W 3.3.0.0. |

nUser6ApBSSID

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | BSSID of the access point that the user used to connect to the switch. |
| History | Added in AOS-W 3.3.0.0. |

nUser6IsOnHomeAgent

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | The Object will indicate if the switch is the home switch for the user or not. |
| History | Added in AOS-W 3.3.0.0. |

nUser6HomeAgentIpAddress

| | |
|--------------------|---|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | The Home agent IP Address of the user. If this user is already on the home switch, then this IP is the switch IP else it is the home switch IP address. |
| History | Added in AOS-W 3.3.0.0. |

nUser6MobilityStatus

| | |
|--------------------|---|
| Syntax | Integer visitor(1) away(2) associated(3) wired(4) } |
| Max-Access | read-only |
| Status | current |
| Description | The Mobility Status of the User. |
| History | Added in AOS-W 3.3.0.0. |

nUser6HomeVLAN

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Home VLAN of the User. If the user is on the home switch then this VLAN will be same as userDefaultVLAN. |
| History | Added in AOS-W 3.3.0.0. |

nUser6DefaultVLAN

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Default VLAN of the User based on the AP configuration. |
| History | Added in AOS-W 3.3.0.0. |

nUser6AssignedVLAN

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | This VLAN will be different from the Default VLAN if the user has a derived VLAN Configuration. |
| History | Added in AOS-W 3.3.0.0. |

nUser6BWContractName

| | |
|--------------------|--|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | deprecated |
| Description | Name of the Bandwidth Contract applied to this user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6BWContractUsage

| | |
|--------------------|---|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | deprecated |
| Description | Indicates how the Bandwidth Contract is used. |
| History | Added in AOS-W 3.3.0.0. |

nUser6BWContractId

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | Bandwidth Contract Id Assigned to the User |
| History | Added in AOS-W 3.3.0.0. |

nUser6IsProxyArpEnabled

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | This object will indicate if the switch is proxy ARPing for the user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6CurrentVLAN

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The VLAN to which the user is currently bound. |
| History | Added in AOS-W 3.3.0.0. |

nUser6IsWired

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether this is a wired or wireless user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6ConnectedSlot

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The slot to which the user is connected, if wired. |
| History | Added in AOS-W 3.3.0.0. |

nUser6ConnectedPort

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The port to which the user is connected, if wired. |
| History | Added in AOS-W 3.3.0.0. |

nUser6PhyType

| | |
|--------------------|--|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | The wireless PHY type to which the user is associated, or 'wired'. |
| History | Added in AOS-W 3.3.0.0. |

nUser6MobilityDomainName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | The name of mobility domain to which the mobile user belongs. |
| History | Added in AOS-W 3.3.0.0. |

nUser6UPBWContractName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the Upstream Bandwidth Contract applied to this user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6UPBWContractUsage

| | |
|--------------------|--|
| Syntax | Integer user(1), shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the Upstream Bandwidth Contract is used. |
| History | Added in AOS-W 3.3.0.0. |

nUser6UPBWContractId

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Upstream Bandwidth Contract Id Assigned to the User |
| History | Added in AOS-W 3.3.0.0. |

nUser6DNBWContractName

| | |
|--------------------|---|
| Syntax | DisplayString(SIZE(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Name of the Downstream Bandwidth Contract applied to this user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6DNBWContractUsage

| | |
|--------------------|--|
| Syntax | Integer user(1) shared(2) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates how the Downstream Bandwidth Contract is used. |
| History | Added in AOS-W 3.3.0.0. |

nUser6DNBWContractId

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Downstream Bandwidth Contract ID Assigned to the user. |
| History | Added in AOS-W 3.3.0.0. |

nUser6HTMode

| | |
|--------------------|-----------------------------------|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | The HT mode of this user, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6SessionTimeTable

The objects of the wlsx User5 Session Time table lists the user session time counts on an ESSID. The session times are separated into predefined time length buckets. Sessions that last longer than 240 minutes fall into the 240min bucket.

Table 99 *wlsxUser6SessionTimeTable OIDs*

| Object | Object ID | |
|----------------------------|----------------------------------|-----------------------------|
| wlsxUser6SessionTimeEntry | 1.3.6.1.4.1.14823.2.2.1.14.1.3 | wlsxUser6SessionTimeTable 1 |
| wlsxUser6SessionTimeLength | 1.3.6.1.4.1.14823.2.2.1.14.1.3.1 | wlsxUser6SessionTimeEntry 1 |
| wlsxUser6SessionTimeCount | 1.3.6.1.4.1.14823.2.2.1.14.1.3.2 | wlsxUser6SessionTimeEntry 2 |

wlsxUser6SessionTimeEntry

| | |
|--------------------|--|
| Syntax | wlsxUser6SessionTimeEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User session time data, divided into buckets of different time lengths |
| Index | { wlanESSID, wlsxUser6SessionTimeLength } |

wlsxUser6SessionTimeLength

| | |
|--------------------|---------------------------------------|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Pre-defined user session time length. |
| History | Added in AOS-W 3.3.0.0. |

wlsxUser6SessionTime

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of users that are connected to the essid whose sessions expired in this time interval. |
| History | Added in AOS-W 3.3.0.0. |

The Voice module provides information about Voice call status and call detail reporting.

[Figure 19](#) shows the architecture of the User MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Voice MIBs are listed in the file *aruba-voice.mib*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 19 *Voice Hierarchy*



Table 100 *Voice MIB Objects*

| Table | Description |
|-------------------------|--|
| wlsxVoiceCdrTotal | This object lists the total number of call detail records of the switch. |
| wlsxVoiceCdrTable | This table lists information of the call detail records of the switch. |
| Voice Call Center Group | This table lists the number of calls through the call center. |
| wlsxVoiceClientTotal | This table lists the total number of active calls of the client. |
| wlsxVoiceClientTable | This table lists all voice client information. |
| wlsxVoiceAPBssidTotal | This object lists the total number of active VoIP. |
| wlsxVoiceAPBssidTable | This table lists active VoIP information. |

wlsxVoiceCdrTotal

The integer object of wlsx Voice CDR total lists the total number of Call Detail Records of the switch.

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of CDR information in the switch. |
| History | Added in AOS-W 3.2.0.0. |

wlsxVoiceCdrTable

The objects of the wlsx Voice CDR table list information of the Call Detail Records of the switch.

Table 101 *wlxs Voice CDR Table OIDs*

| Object | Object ID | |
|-----------------------|---------------------------------------|----------------------|
| wlsxVoiceCdrEntry | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1 | wlsxVoiceCdrTable 1 |
| voiceCdrId | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.1 | wlsxVoiceCdrEntry 1 |
| voiceCdrIp | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.2 | wlsxVoiceCdrEntry 2 |
| voiceCdrMac | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.3 | wlsxVoiceCdrEntry 3 |
| voiceCdrName | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.4 | wlsxVoiceCdrEntry 4 |
| voiceCdrDialNum | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.5 | wlsxVoiceCdrEntry 5 |
| voiceCdrDir | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.6 | wlsxVoiceCdrEntry 6 |
| voiceCdrOrigTime | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.7 | wlsxVoiceCdrEntry 7 |
| voiceCdrSetupTime | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.8 | wlsxVoiceCdrEntry 8 |
| voiceCdrTeardownTime | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.9 | wlsxVoiceCdrEntry 9 |
| voiceCdrStatus | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.10 | wlsxVoiceCdrEntry 10 |
| voiceCdrReason | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.11 | wlsxVoiceCdrEntry 11 |
| voiceCdrDuration | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.12 | wlsxVoiceCdrEntry 12 |
| voiceCdrRValue | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.13 | wlsxVoiceCdrEntry 13 |
| voiceCdrApSwitchDelay | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.14 | wlsxVoiceCdrEntry14 |
| voiceCdrCodec | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.15 | wlsxVoiceCdrEntry 15 |
| voiceCdrApName | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.16 | wlsxVoiceCdrEntry 16 |
| voiceCdrApMac | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.17 | wlsxVoiceCdrEntry 17 |
| voiceCdrBssid | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.18 | wlsxVoiceCdrEntry 18 |
| voiceCdrEssid | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.19 | wlsxVoiceCdrEntry 19 |
| voiceCdrHandovers | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.20 | wlsxVoiceCdrEntry 20 |
| voiceCdrMOS | 1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.21 | wlsxVoiceCdrEntry 21 |

wlsxVoiceCdrEntry

| | |
|--------------------|-------------------------|
| Syntax | VoiceCdrEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Entry point. |
| Index | {voiceCdrId} |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrId

| | |
|--------------------|-------------------------|
| Syntax | Unsigned32 |
| Max-Access | not-accessible |
| Status | current |
| Description | Voice CDR ID/ |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrIp

| | |
|--------------------|-------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR IP. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrMac

| | |
|--------------------|-------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR MAC. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrName

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR name. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrDialNum

| | |
|--------------------|--------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR dialed number. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrDir

| | |
|--------------------|---|
| Syntax | ArubaVoiceCdrDirection |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR direction incoming or outgoing. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrOrigTime

| | |
|--------------------|--------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR original time. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrSetupTime

| | |
|--------------------|-------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR setup time. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrTeardownTime

| | |
|--------------------|-----------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR tear-down number. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrStatus

| | |
|--------------------|-------------------------|
| Syntax | ArubaCallStates |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR status. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrReason

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR reason. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrDuration

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR duration. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrRValue

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR R-value. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrApSwitchDelay

| | |
|--------------------|----------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR AP switch delay. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrCodec

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR codec. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrApName

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR AP name. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrApMac

| | |
|--------------------|---------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR AP MAC address. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrBssid

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR BSSID. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrEssid

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR ESSID. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrHandovers

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR client hand overs, AKA mobility rate. |
| History | Added in AOS-W 3.2.0.0. |

voiceCdrMOS

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice CDR MOS. |
| History | Added in AOS-W 3.2.0.0. |

Voice Call Center Group

The objects of the Call Center Group provide scalar values—the count of the calls of a specific condition.

Table 102 *Voice Call Center OIDs*

| Object | Object ID | |
|-----------------------|-----------------------------------|---------------------------|
| voiceCallCtrsTotal | 1.3.6.1.4.1.14823.2.2.1.12.1.2.1 | wlsxVoiceCallCtrsGroup 1 |
| voiceCallCtrsSuccess | 1.3.6.1.4.1.14823.2.2.1.12.1.2.2 | wlsxVoiceCallCtrsGroup 2 |
| voiceCallCtrsFailed | 1.3.6.1.4.1.14823.2.2.1.12.1.2.3 | wlsxVoiceCallCtrsGroup 3 |
| voiceCallCtrsRejected | 1.3.6.1.4.1.14823.2.2.1.12.1.2.4 | wlsxVoiceCallCtrsGroup 4 |
| voiceCallCtrsAborted | 1.3.6.1.4.1.14823.2.2.1.12.1.2.5 | wlsxVoiceCallCtrsGroup 5 |
| voiceCallCtrsOrig | 1.3.6.1.4.1.14823.2.2.1.12.1.2.6 | wlsxVoiceCallCtrsGroup 6 |
| voiceCallCtrsRecvd | 1.3.6.1.4.1.14823.2.2.1.12.1.2.7 | wlsxVoiceCallCtrsGroup 7 |
| voiceCallCtrsActive | 1.3.6.1.4.1.14823.2.2.1.12.1.2.8 | wlsxVoiceCallCtrsGroup 8 |
| voiceCallCtrsNotFnd | 1.3.6.1.4.1.14823.2.2.1.12.1.2.9 | wlsxVoiceCallCtrsGroup 9 |
| voiceCallCtrsBusy | 1.3.6.1.4.1.14823.2.2.1.12.1.2.10 | wlsxVoiceCallCtrsGroup 10 |
| voiceCallCtrsSvc | 1.3.6.1.4.1.14823.2.2.1.12.1.2.11 | wlsxVoiceCallCtrsGroup 11 |
| voiceCallCtrsReqTerm | 1.3.6.1.4.1.14823.2.2.1.12.1.2.12 | wlsxVoiceCallCtrsGroup 12 |
| voiceCallCtrsDecline | 1.3.6.1.4.1.14823.2.2.1.12.1.2.13 | wlsxVoiceCallCtrsGroup 13 |
| voiceCallCtrsUnauth | 1.3.6.1.4.1.14823.2.2.1.12.1.2.14 | wlsxVoiceCallCtrsGroup 14 |
| voiceCallCtrsMisc | 1.3.6.1.4.1.14823.2.2.1.12.1.2.15 | wlsxVoiceCallCtrsGroup 15 |

voiceCallCtrsTotal

| | |
|--------------------|-------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsSuccess

| | |
|--------------------|-----------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of successful calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsFailed

| | |
|--------------------|-------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of failed calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsRejected

| | |
|--------------------|---------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of rejected calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsAborted

| | |
|--------------------|--------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of aborted calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsOrig

| | |
|--------------------|-----------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of originated calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsRecvd

| | |
|--------------------|---------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of received calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsActive

| | |
|--------------------|-------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of active calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsNotFnd

| | |
|--------------------|----------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of not found calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsBusy

| | |
|--------------------|-----------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of busy calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsSvc

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of service unavailable calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsReqTerm

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of request terminated calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsDecline

| | |
|--------------------|---------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of declined calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsUnauth

| | |
|--------------------|-------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of unauthorized calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceCallCtrsMisc

| | |
|--------------------|--------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of miscellaneous calls. |
| History | Added in AOS-W 3.2.0.0. |

wlsxVoiceClientTotal

The wlsx Voice Client Total group provides the total number of active client session of the switch.

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of active client sessions in the switch. |
| History | Added in AOS-W 3.2.0.0. |

wlsxVoiceClientTable

The objects of the wlsx Voice Client table list voice client information.

Table 103 *wlsx Voice Client Table OIDs*

| Object | Object ID | |
|------------------------|--------------------------------------|------------------------|
| wlsxVoiceClientEntry | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1 | wlsxVoiceClientTable 1 |
| voiceClientIp | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.1 | wlsxVoiceClientEntry 1 |
| voiceClientProtocol | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.2 | wlsxVoiceClientEntry 2 |
| voiceClientRegState | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.3 | wlsxVoiceClientEntry 3 |
| voiceClientContactName | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.4 | wlsxVoiceClientEntry4 |
| voiceClientServerName | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.5 | wlsxVoiceClientEntry 5 |
| voiceClientEssid | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.6 | wlsxVoiceClientEntry 6 |
| voiceClientVlanId | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.7 | wlsxVoiceClientEntry 7 |
| voiceClientTunnelId | 1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.8 | wlsxVoiceClientEntry 8 |

wlsxVoiceClientEntry

| | |
|--------------------|-------------------------|
| Syntax | VoiceClientEntry |
| Max-Access | not-accessible |
| Description | Entry point. |
| Index | { wlanStaPhyAddress } |
| History | Added in AOS-W 3.2.0.0. |

voiceClientIp

| | |
|--------------------|--------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Voice client IP address. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientProtocol

| | |
|--------------------|-----------------------------|
| Syntax | ArubaVoipProtocol |
| Max-Access | read-only |
| Status | current |
| Description | Voice client protocol used. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientRegState

| | |
|--------------------|-------------------------|
| Syntax | ArubaVoipRegState |
| Max-Access | read-only |
| Status | current |
| Description | Voice client state. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientContactName

| | |
|--------------------|----------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice client contact name. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientServerName

| | |
|--------------------|---------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice client server name. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientEssid

| | |
|--------------------|-------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice client ESSID. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientVlanId

| | |
|--------------------|-------------------------|
| Syntax | ArubaVlanValidRange |
| Max-Access | read-only |
| Status | current |
| Description | Voice client VLAN ID. |
| History | Added in AOS-W 3.2.0.0. |

voiceClientTunnelId

| | |
|--------------------|-------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice client tunnel ID. |
| History | Added in AOS-W 3.2.0.0. |

wlsxVoiceAPBssidTotal

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of active VoIP information in the switch. |
| History | Added in AOS-W 3.2.0.0. |

wlsxVoiceAPBssidTable

The objects of the wlsx Voice Access Point BSSID table provide active VoIP information.

Table 104 *wlsxVoiceAPBssidTable OIDs*

| Object | Object ID | |
|-----------------------|--------------------------------------|--------------------------|
| wlsxVoiceAPBssidEntry | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1 | wlsxVoiceAPBssidTable 1 |
| voiceAPBssidName | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.1 | wlsxVoiceAPBssidEntry 1 |
| voiceAPBssidGroup | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.2 | wlsxVoiceAPBssidEntry 2 |
| voiceAPBssidIp | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.3 | lwlsxVoiceAPBssidEntry 3 |
| voiceAPBssidTotCalls | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.4 | wlsxVoiceAPBssidEntry 4 |
| voiceAPBssidVoiceType | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.5 | wlsxVoiceAPBssidEntry 5 |
| voiceAPBssidFlag | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.6 | wlsxVoiceAPBssidEntry 6 |
| voiceAPBssidUpTime | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.7 | wlsxVoiceAPBssidEntry 7 |
| voiceAPBssid100Sent | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.8 | wlsxVoiceAPBssidEntry 8 |
| voiceAPBssid503Sent | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.9 | wlsxVoiceAPBssidEntry 9 |

Table 104 *wlsxVoiceAPBssidTable OIDs (Continued)*

| Object | Object ID | |
|-----------------------------|---------------------------------------|--------------------------|
| voiceAPBssidExtraCallDisc | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.10 | wlsxVoiceAPBssidEntry 10 |
| voiceAPBssidKickedOff | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.11 | wlsxVoiceAPBssidEntry 11 |
| voiceAPBssidTspecDenied | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.12 | wlsxVoiceAPBssidEntry 12 |
| voiceAPBssidCacFlag | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.13 | wlsxVoiceAPBssidEntry 13 |
| voiceAPBssidTotVoiceClients | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.14 | wlsxVoiceAPBssidEntry 14 |
| voiceAPBssidCallsSCCP | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.15 | wlsxVoiceAPBssidEntry 15 |
| voiceAPBssidCallsSIP | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.16 | wlsxVoiceAPBssidEntry 16 |
| voiceAPBssidCallsSVP | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.17 | wlsxVoiceAPBssidEntry 17 |
| voiceAPBssidCallsVocera | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.18 | wlsxVoiceAPBssidEntry 18 |
| voiceAPBssidCallsNoe | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.19 | wlsxVoiceAPBssidEntry 19 |
| voiceAPBssidEssid | 1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.20 | wlsxVoiceAPBssidEntry 20 |

wlsxVoiceAPBssidEntry

| | |
|--------------------|--|
| Syntax | VoiceAPBssidEntry |
| max-Access | not-accessible |
| Status | current |
| Description | Entry to AP. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidName

| | |
|--------------------|--------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point name. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidGroup

| | |
|--------------------|---------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point group. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidIp

| | |
|--------------------|--------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point IP address. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidTotCalls

| | |
|--------------------|---------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidVoiceType

| | |
|--------------------|--------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point type. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidFlag

| | |
|--------------------|--|
| Syntax | Bits apRemoteAP(0) apPPPOE(1) apWiredApEnabled(2) apEnet1Mode(3) apActiveLoadBalancing(4) apDisconnectExtraCalls(5) apBatteryBoost(6) |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point flag. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidUpTime

| | |
|--------------------|----------------------------|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point up time |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssid100Sent

| | |
|--------------------|-------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice 100 sent. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssid503Sent

| | |
|--------------------|-------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice 503 sent. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidExtraCallDisc

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point extra call disconnect. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidKickedOff

| | |
|--------------------|--------------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point kicked off. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidTspecDenied

| | |
|--------------------|----------------------------------|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point Tspec denied. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCacFlag

| | |
|--------------------|------------------------------|
| Syntax | ArubaVoiceCacBit |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point CAC flag. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidTotVoiceClients

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total number of voice clients. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCallsSCCP

| | |
|--------------------|--------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total SCCP calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCallsSIP

| | |
|--------------------|-------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total SIP calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCallsSVP

| | |
|--------------------|-------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total SVP calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCallsVocera

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total Vocera calls. |
| History | Added in AOS-W 3.2.0.0. |

voiceAPBssidCallsNoe

| | |
|--------------------|-------------------------------------|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point total NOE calls. |
| History | Added in AOS-W 3.2.0.0. |

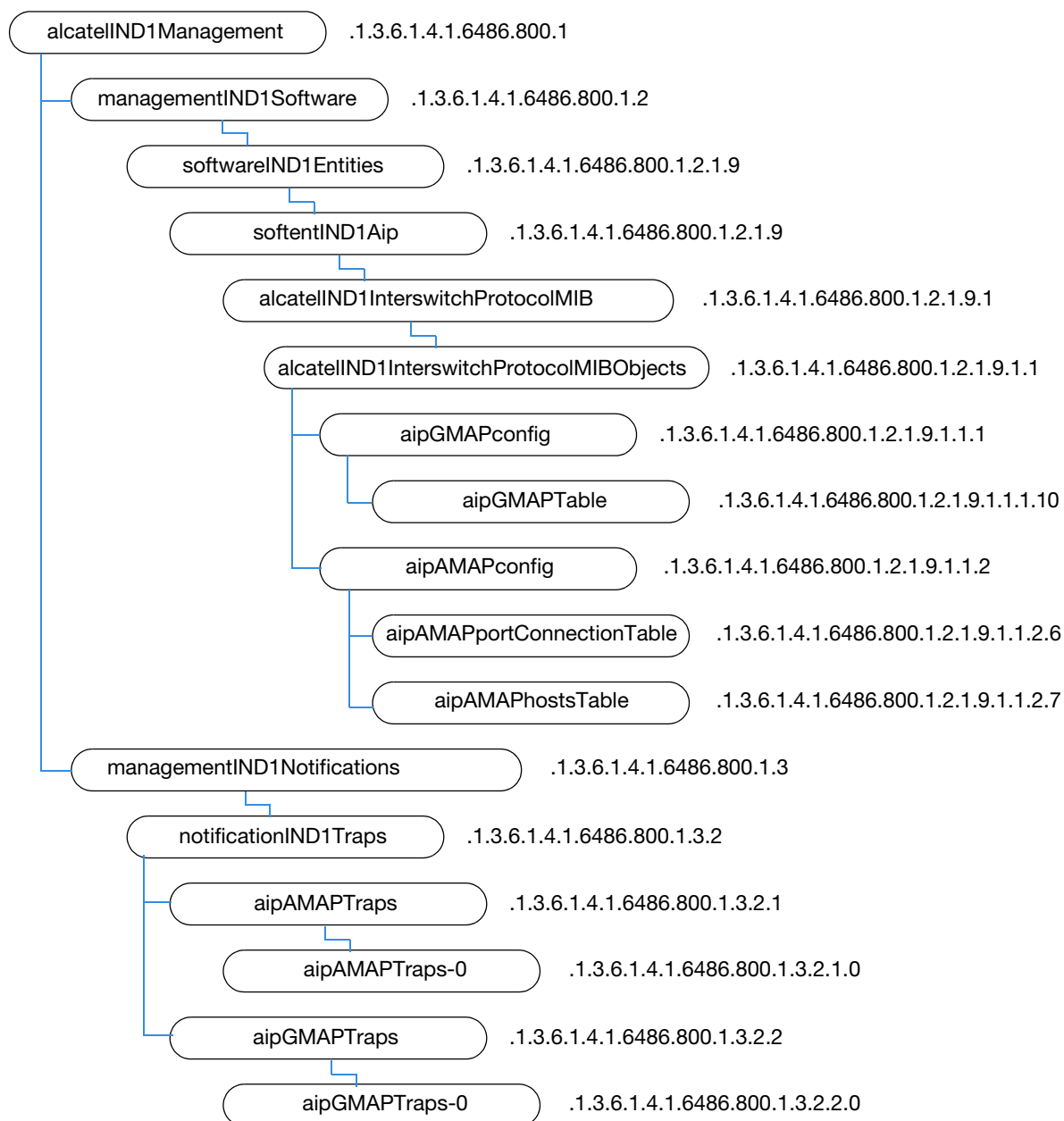
voiceAPBssidEssid

| | |
|--------------------|---------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Voice access point ESSID. |
| History | Added in AOS-W 3.2.0.0. |

The Alcatel Mapping Adjacency Protocol (AMAP). The AMAP protocol provides a mechanism for discovering the topology of Alcatel-Lucent switches, by enabling each switch to determine which switches are adjacent to it.

Figure 20 shows the architecture of the AMAP MIB relative to .1.3.6.1.4.1.6486.800.1 (the `alcatelIND1InterswitchProtocolMIB`). The AMAP MIB objects are listed in the file `AlcatelIND1InterswitchProtocol.my`. For information about downloading MIB files, see [Downloading MIB Files on page 23](#).

Figure 20 AMAP Hierarchy



The AMAP MIB contains the following objects and tables.

Table 105 *alcatelIND1InterswitchProtocolMIB Objects and Tables*

| Object/Table | Description |
|----------------------------|--|
| aipGMAPconfig | Group Mobility Advertisement Protocol (GMAP) configuration |
| aipGMAPTable | GMAP MAC address list |
| aipAMAPconfig | Alcatel Mapping Adjacency Protocol (AMP) configuration |
| aipAMAPportConnectionTable | AMAP adjacent switch, local and remote connection index, and Vlan information. |
| aipAMAPhostsTable | AMAP adjacent switch IP address information. |
| aipAMAPTraps-0 | AMAP notifications |
| aipGMAPTraps-0 | GMAP notifications |

aipGMAPconfig

The objects and tables in the Group Mobility Advertisement Protocol (GMAP) group provide information about the GAMP protocol.

Table 106 *aipGMAPconfig OIDs*

| Object | Object ID | Object ID |
|-------------------------|--|------------------|
| aipGMAPstate | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.1 | aipGMAPconfig 1 |
| aipGMAPguptime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.2 | aipGMAPconfig 2 |
| aipGMAPupdatetime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.3 | aipGMAPconfig 3 |
| aipGMAPholdtime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.4 | aipGMAPconfig 4 |
| aipGMAPlastTrapReason | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.5 | aipGMAPconfig 5 |
| aipGMAPlastTrapPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.6 | aipGMAPconfig 6 |
| aipGMAPlastTrapMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.7 | aipGMAPconfig 7 |
| aipGMAPlastTrapProtocol | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.8 | aipGMAPconfig 8 |
| aipGMAPlastTrapVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.9 | aipGMAPconfig 9 |
| aipGMAPTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10 | aipGMAPconfig 10 |

aipGMAPstate

| | |
|--------------------|---|
| Syntax | Integer active (1) Inactive (2) |
| Max-Access | read-write |
| Status | current |
| Description | Current state of the GMAP functionality |

aipGMAPgaptime

| | |
|--------------------|---|
| Syntax | Integer (1..65535) |
| Max-Access | read-write |
| Status | current |
| Description | The time in milliseconds for gaps between successive GMAP protocol packets. |

aipGMAPupdatetime

| | |
|--------------------|--|
| Syntax | Integer (1..65535) |
| Max-Access | read-write |
| Status | current |
| Description | The time in seconds between GMAP update packet generation. |

aipGMAPholdtime

| | |
|--------------------|--|
| Syntax | Integer (1..65535) |
| Max-Access | read-write |
| Status | current |
| Description | The time in minutes that the switch will remember information received in GMAP update packets. |

aipGMAPLastTrapReason

| | |
|--------------------|--|
| Syntax | Integer authenticatedVlan (1), conflictingBindingRule (2), sameProtoDifferentVlansConflict (3), sameVlanDifferentProtocolsConflict (4), nonMobileVlan (5), none (6) |
| Max-Access | read-only |
| Status | current |
| Description | Reason for last GMAP update to not be applied. Valid reasons are: 1 - Target Vlan is an authenticated vlan 2 - Update would conflict with a binding rule 3 - Update would create two different vlan entries for the same protocol 4 - Update would create two different protocol entries for the same vlan 5 - Target vlan is not mobile 6 - No trap has been sent |

aipGMAPLastTrapPort

| | |
|--------------------|---|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The ifindex number of the last port on which the GMAP change was not applied because of a conflict. |

aipGMAPLastTrapMac

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The last MAC address for which a GMAP change was not applied because of a conflict. |

aipGMAPLastTrapProtocol

| | |
|--------------------|---|
| Syntax | Integer (1..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The protocol identifier of the last GMAP change that was not applied because of a conflict. |

aipGMAPLastTrapVlan

| | |
|--------------------|---|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The Vlan identifier of the last GMAP change that was not applied because of a conflict. |

aipGMAPTable

The objects of the aipGMAP table describe the elements of the GMAP address list.

Table 107 *aipGMAPTable OIDs*

| Object | ObjectOID | |
|-----------------------------------|--|---------------------|
| aipGMAPTableEntry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1 | aipGMAPTable 1 |
| aipGMAPMacAddr | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.1 | aipGMAPTableEntry 1 |
| aipGMAPProtocol | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.2 | aipGMAPTableEntry 2 |
| aipGMAPVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.3 | aipGMAPTableEntry 3 |
| aipGMAPSrcSwitch | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.4 | aipGMAPTableEntry 4 |

Table 107 *aipGMAPTable OIDs*

| Object | ObjectOID | |
|----------------|--|---------------------|
| aipGMAPFlags | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.5 | aipGMAPTableEntry 5 |
| aipGMAPTimeout | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.6 | aipGMAPTableEntry 6 |

aipGMAPTableEntry

| | |
|--------------------|-------------------------------------|
| Syntax | AipGMAPTableEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | GMAP MAC address list. |
| Index | { aipGMAPMacAddr, aipGMAPProtocol } |

aipGMAPMacAddr

| | |
|--------------------|----------------------------------|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The MAC address of a GMAP entry. |

aipGMAPProtocol

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The protocol identifier for a GMAP entry. |

aipGMAPVlan

| | |
|--------------------|---------------------------------------|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The Vlan identifier for a GMAP entry. |

aipGMAPSrcSwitch

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The MAC address of the switch that provided the information for a GMAP entry. |

aipGMAPFlags

| | |
|--------------------|---|
| Syntax | Octet String (Size(4)) |
| Max-Access | read-only |
| Status | current |
| Description | The flags for a GMAP entry. The least significant byte holds the router flags. The next byte contains the flags from auto-tracker. The most significant 2 bytes are not currently used. |

aipGMAPTimeout

| | |
|--------------------|---|
| Syntax | Integer (1..65535) |
| Max-Access | read-only |
| Status | current |
| Description | Seconds remaining before this entry will age out. |

aipAMAPconfig

The objects and tables in the AMAP configuration group provide information about the AMAP protocol

Table 108 *aipAMAPconfig* OIDs

| Object/Table | Object ID | |
|--|---------------------------------------|-----------------|
| aipAMAPstate | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.1 | aipAMAPconfig 1 |
| aipAMAPdisctime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.2 | aipAMAPconfig 2 |
| aipAMAPcommontime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.3 | aipAMAPconfig 3 |
| aipAMAPLastTrapReason | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.4 | aipAMAPconfig 4 |
| aipAMAPLastTrapPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.5 | aipAMAPconfig 5 |
| aipAMAPportConnectionTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6 | aipAMAPconfig 6 |
| aipAMAPhostsTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7 | aipAMAPconfig 7 |
| aipAMAPVoiceVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.8 | aipAMAPconfig 8 |

aipAMAPstate

| | |
|----------------------|---------------------------------------|
| Syntax | Integer active (1) inactive (2) |
| Max-Access | read-write |
| Status | current |
| Description | Current state of the AMAP agent. |
| Default Value | active |

aipAMAPdisctime

| | |
|----------------------|---|
| Syntax | Integer (1..65535) |
| Max-Access | read-write |
| Status | current |
| Description | The time in seconds for interval between hello packets in the initial discovery phase of the AMAP protocol. |
| Default Value | 30 |

aipAMAPcommontime

| | |
|----------------------|---|
| Syntax | Integer (1..65535) |
| Max-Access | read-write |
| Status | current |
| Description | The time in seconds for the interval between hello packets at other than the discovery phase. |
| Default Value | 300 |

aipAMAPLastTrapReason

| | |
|--------------------|--|
| Syntax | Integer add (1) change (2) remove (3) none (4) |
| Max-Access | read-only |
| Status | current |
| Description | Reason for last change of port status. Valid reasons are: 1 - port added 2 - change of information on existing port 3 - port deleted 4 - no trap has been sent |

aipAMAPLastTrapPort

| | |
|--------------------|--|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The ifindex number of the port that most recently changed. |

aipAMAPVoiceVlan

| | |
|----------------------|--|
| Syntax | Integer (1..4095) |
| Max-Access | read-only |
| Status | current |
| Description | The user configured VLAN value to be returned in the reply message to an IP Phone. |
| Default Value | 1 |

aipAMAPportConnectionTable

the aipAMAPportConnection table contains the following objects:

Table 109 aipAMAPportConnectionTable OIDs

| Object | Object ID | |
|-----------------------------|--|-------------------------------|
| aipAMAPportConnectionentry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1 | aipAMAPportConnectionTable 1 |
| aipAMAPLocalConnectionIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.1 | aipAMAPportConnectionentry 1 |
| aipAMAPRemMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.2 | aipAMAPportConnectionentry 2 |
| aipAMAPRemConnectionIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.3 | aipAMAPportConnectionentry 3 |
| aipAMAPRemVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.4 | aipAMAPportConnectionentry 4 |
| aipAMAPRemHostname | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.5 | aipAMAPportConnectionentry 5 |
| aipAMAPLocalIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.6 | aipAMAPportConnectionentry 6 |
| aipAMAPLocalSlot | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.7 | aipAMAPportConnectionentry 7 |
| aipAMAPLocalPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.8 | aipAMAPportConnectionentry 8 |
| aipAMAPRemSlot | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.9 | aipAMAPportConnectionentry 9 |
| aipAMAPRemPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.10 | aipAMAPportConnectionentry 10 |
| aipAMAPRemDeviceType | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.11 | aipAMAPportConnectionentry 11 |

aipAMAPportConnectionentry

| | |
|--------------------|--|
| Syntax | AipAMAPportConnectionEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | AMAP adjacent switch, local and remote connection index, and Vlan information. |
| Index | { aipAMAPLocalConnectionIndex, aipAMAPRemMac, aipAMAPRemConnectionIndex } |

aipAMAPLocalConnectionIndex

| | |
|--------------------|--|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The local index number of a connection in the local switch which has an adjacent switch connected. This index is assigned to a connection by the AMAP application running on the local switch. |

aipAMAPRemMac

| | |
|--------------------|--|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | The MAC Address of the CMM in the adjacent switch. |

aipAMAPRemConnectionIndex

| | |
|--------------------|---|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The remote index number of the connection in the adjacent switch to which the local switch has a connection connected. This index is assigned to a connection by the AMAP application running on the adjacent switch. |

aipAMAPRemVlan

| | |
|--------------------|--|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The remote Vlan to which the connection is connected in the adjacent switch. |

aipAMAPRemHostname

| | |
|--------------------|--|
| Syntax | Octet String (Size(32)) |
| Max-Access | read-only |
| Status | current |
| Description | The remote hostname for the adjacent switch. |

aipAMAPLocalIndex

| | |
|--------------------|---|
| Syntax | InterfaceIndex |
| Max-Access | read-only |
| Status | current |
| Description | The local ifindex of the port to which the connection is connected. |

aipAMAPLocalSlot

| | |
|--------------------|--|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The local slot of the port to which the connection is connected. |

aipAMAPLocalPort

| | |
|--------------------|--|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The local interface port of the port to which the connection is connected. |

aipAMAPRemSlot

| | |
|--------------------|---|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The remote slot of the port to which the connection is connected. |

aipAMAPRemPort

| | |
|--------------------|---|
| Syntax | Integer (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | The remote interface port of the port to which the connection is connected. |

aipAMAPRemDeviceType

| | |
|---------------|--------------------------|
| Syntax | Integer |
| | unknownDevice (1) |
| | omniSwitch7700 (2) |
| | omniSwitch7800 (3) |
| | omniSwitch8800 (10) |
| | omniSwitch6624 (20) |
| | omniSwitch6648 (21) |
| | omniSwitch6624Fiber (22) |
| | omniSwitch6624Ver2 (23) |
| | omniSwitch6648Ver2 (24) |
| | omniSwitch6824 (30) |
| | omniSwitch6848 (31) |
| | omniSwitch6824Fiber (32) |
| | omniSwitch5slotXOS (40) |
| | omniSwitch9slotXOS (41) |
| | omniSwitchRouterXOS (42) |
| | omniAccess408 (43) |
| | omniAccess512 (44) |
| | omniStack2032 (50) |
| | omniStack4024 (51) |
| | omniStack5024 (52) |
| | omniStack6024 (53) |
| | omniStack6048 (54) |
| | omniStack6124 (55) |
| | omniStack6148 (56) |
| | omniStack8008 (57) |
| | omniAccess210 (60) |
| | omniAccess250 (61) |
| | omniAccess280 (62) |
| | ipPhone (70) |
| | omniPCX4400 (71) |

| | |
|--------------------|--------------------------------------|
| Max-Access | read-only |
| Status | current |
| Description | The type of device seen on the port. |

aipAMAPHostsTable

The aipAMAPHosts table contains the following objects:

Table 110 *aipAMAPHostsTable OIDs*

| Object | Object ID | |
|------------------|---|---------------------|
| aipAMAPHostentry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1 | aipAMAPHostsTable 1 |
| aipAMAPHostMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1.1 | aipAMAPHostentry 1 |
| aipAMAPIpAddr | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1.2 | aipAMAPHostentry 2 |

aipAMAPHostentry

| | |
|--------------------|--|
| Syntax | AipAMAPHostEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | AMAP adjacent switch IP address information. |
| Index | { aipAMAPHostMac, aipAMAPIpAddr } |

aipAMAPHostMac

| | |
|--------------------|--|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | The MAC Address of the CMM in the adjacent switch. |

aipAMAPIpAddr

| | |
|--------------------|---------------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | An IP address of the adjacent switch. |

aipAMAPTraps-0

The following AMAP traps are defined in this MIB:

Table 111 *aipAMAPTraps OIDs*

| Object | Object ID | |
|-----------------------------------|-----------------------------------|------------------|
| aipAMAPStatusTrap | .1.3.6.1.4.1.6486.800.1.3.2.1.0.1 | aipAMAPTraps 0 1 |

aipAMAPStatusTrap

| | |
|--------------------|--|
| Objects | { aipAMAPLastTrapReason, aipAMAPLastTrapPort } |
| Status | current |
| Description | An AMAP port status change and reason. |

aipGMAPTraps-0

The following GMAP traps are defined in this MIB:

Table 112 *aipGMAPTraps OIDs*

| Object | Object ID | |
|-------------------------------------|-----------------------------------|------------------|
| aipGMAPConflictTrap | .1.3.6.1.4.1.6486.800.1.3.2.2.0.1 | aipGMAPTraps 0 1 |

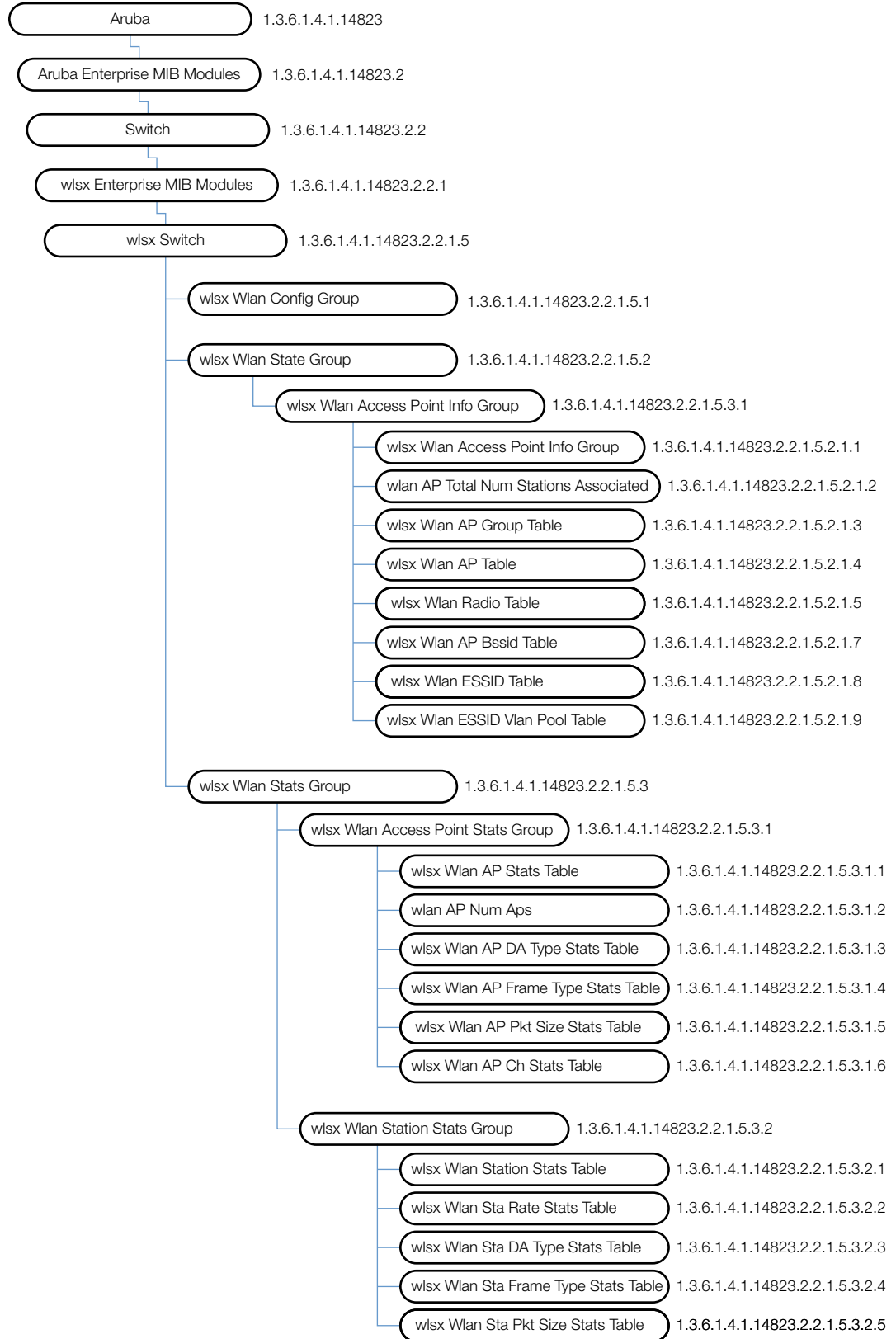
aipGMAPConflictTrap

| | |
|--------------------|--|
| Objects | { aipGMAPLastTrapReason, aipGMAPLastTrapPort, aipGMAPLastTrapMac, aipGMAPLastTrapProtocol, aipGMAPLastTrapVlan } |
| Status | current |
| Description | A GMAP update conflict. |

The wireless local area network (WLAN) module provides information about the Wireless Management System (WMS) in the Alcatel-Lucent switch.

[Figure 21](#) shows the architecture of the WLAN MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The WLAN MIBs are listed in the file *aruba-wlan.my*. For information about downloading Alcatel-Lucent MIB files, see [Downloading MIB Files on page 23](#).

Figure 21 WLAN Hierarchy



The WLAN MIB contains the following tables.

Table 113 *WLAN MIB Tables*

| Table | Description |
|--|--|
| wlsxWlanAPGroupTable | This table lists all the access points groups configured in the Alcatel-Lucent switch. |
| wlsxWlanAPTable | This table lists all the access points connected to the switch. |
| wlsxWlanRadioTable | This table lists all the radios known to the switch. |
| wlsxWlanAPBssidTable | This table lists all the BSSIDs advertised by this switch. |
| wlsxWlanESSIDTable | This table lists all the ESSIDs advertised by this switch. |
| wlsxWlanESSIDVLANPoolTable | This table lists all the VLANs associated with this ESSID. |
| wlsxWlanStationTable | This table lists all the wireless stations associated with the access points connected to this switch. |
| wlsxWlanAPStatsTable | This table lists the statistics of all the access points connected to the switch. |
| wlsxWlanAPRateStatsTable | This table contains all the AP packet and byte counts that are sorted by rate. |
| wlsxWlanAPDATypeStatsTable | This table contains all the per BSSID packet and byte counts that are sorted by destination address. |
| wlsxWlanAPFrameTypeStatsTable | This table contains all the per BSSID packet and byte counts that are sorted by frame type. |
| wlsxWlanAPPktSizeStatsTable | This table contains all the per BSSID packet counts that are sorted by packet size. |
| wlsxWlanAPChStatsTable | This table lists the channel statistics of all the access points connected to the switch. |
| wlsxWlanStationStatsTable | This table lists statistics of all the wireless stations associated with an AP connected to this switch. |
| wlsxWlanStaRateStatsTable | This table contains all the packet and byte counts for a station that are sorted by rate. |
| wlsxWlanStaDATypeStatsTable | This table contains all the packet and byte counts for a station that are sorted by destination address. |
| wlsxWlanStaFrameTypeStatsTable | This table contains all the package and byte count for stations that are sorted by frame type. |
| wlsxWlanStaPktSizeStatsTable | This table contains all the package and byte counts for stations that are sorted by packet size. |

wlsxWlanAccessPointInfoGroup

The wlsxWlanAccessPointInfoGroup contains the following tables:

- wlsxWlanTotalNumAccessPoints (local), which lists all the APs connected to the switch
- wlsxWlanTotalNumStationsAssociated (global), which lists all the APs in the Alcatel-Lucent Domain. This table is valid only on the master switches. The group also contains two scalar objects, which indicate the total number of APs and the total number of clients connected.

Table 114 wlsxWlanMIB OIDs

| Object | Object ID | |
|-------------------------------------|---------------------------------|--------------------------------|
| wlsxWlanTotalNumAccessPoints | 1.3.6.1.4.1.14823.2.2.1.5.2.1.1 | wlsxWlanAccessPointInfoGroup 1 |
| ywlsxWlanTotalNumStationsAssociated | 1.3.6.1.4.1.14823.2.2.1.5.2.1.2 | wlsxWlanAccessPointInfoGroup 2 |

wlsxWlanTotalNumAccessPoints

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Total number of access points connected to the switch. |
| History | Added in AOS-W 2.3. |

ywlsxWlanTotalNumStationsAssociated

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| MAX-ACCES | read-only |
| STATU | current |
| Description | Total number of stations associated to the switch. |
| History | Added in AOS-W 2.3. |

wlsxWlanAPGroupTable

The objects of the wlsx WLAN AP Group table provide information on the access points connected to the switch.

Table 115 wlsxWlanAPGroupTable OIDs

| Object | Object ID | |
|----------------------|-------------------------------------|------------------------|
| wlsxWlanAPGroupEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1. | wlsxWlanAPGroupTable 1 |
| wlanAPGroup | 1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.1 | wlsxWlanAPGroupEntry 1 |
| wlanAPNumAps | 1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.2 | wlsxWlanAPGroupEntry 2 |

wlsxWlanAPGroupEntry

| | |
|--------------------|---------------------|
| Syntax | WlanAPGroupEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Index {wlanAPGroup} |
| History | Added in AOS-W 2.3. |

wlanAPGroup

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | not-accessible |
| Status | current |
| Description | The name of an AP group. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPNumAps

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of APs in the AP group. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlsxWlanAPTable

The objects of the wlsx WLAN APT table provide information on the access points that are connected to the switch.

Table 116 *wlsxWlanAPTable OIDs*

| Object | Object ID | |
|-------------------------|--------------------------------------|-------------------|
| wlsxWlanAPEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1 | wlsxWlanAPTable 1 |
| wlanAPMacAddress | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.1 | wlsxWlanAPEntry 1 |
| wlanAPIpAddress | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.2 | wlsxWlanAPEntry 2 |
| wlanAPName | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.3 | wlsxWlanAPEntry 3 |
| wlanAPGroupName | 41.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.4 | wlsxWlanAPEntry 4 |
| wlanAPModel | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.5 | wlsxWlanAPEntry 5 |
| wlanAPSerialNumber | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.6 | wlsxWlanAPEntry 6 |
| wlanAPdot11aAntennaGain | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.7 | wlsxWlanAPEntry 7 |

Table 116 *wlsxWlanAPTable OIDs (Continued)*

| Object | Object ID | |
|-------------------------|--------------------------------------|--------------------|
| wlanAPdot11gAntennaGain | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.8 | wlsxWlanAPEntry 8 |
| wlanAPNumRadios | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.9 | wlsxWlanAPEntry 9 |
| wlanAPEnet1Mode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.10 | wlsxWlanAPEntry 10 |
| wlanAPIpsecMode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.11 | wlsxWlanAPEntry 11 |
| wlanAPUpTime | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.12 | wlsxWlanAPEntry 12 |
| wlanAPModelName | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.13 | wlsxWlanAPEntry 13 |
| wlanAPLocation | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.14 | wlsxWlanAPEntry 14 |
| wlanAPBuilding | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.15 | wlsxWlanAPEntry 15 |
| wlanAPFloor | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.16 | wlsxWlanAPEntry 16 |
| wlanAPLoc | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.17 | wlsxWlanAPEntry 17 |
| wlanAPEXternalAntenna | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.18 | wlsxWlanAPEntry 18 |
| wlanAPStatus | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.19 | wlsxWlanAPEntry 19 |
| wlanAPNumBootstraps | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.20 | wlsxWlanAPEntry 20 |
| wlanAPNumReboots | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.21 | wlsxWlanAPEntry 21 |
| wlanAPUnprovisioned | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.22 | wlsxWlanAPEntry 22 |
| wlanAPMonitorMode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.23 | wlsxWlanAPEntry 23 |
| wlanAPFQLNBuilding | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.24 | wlsxWlanAPEntry 24 |
| wlanAPFQLNFloor | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.25 | wlsxWlanAPEntry 25 |
| wlanAPFQLN | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.26 | wlsxWlanAPEntry 26 |
| wlanAPFQLNCampus | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.27 | wlsxWlanAPEntry 27 |
| wlanAPLongitude | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.28 | wlsxWlanAPEntry 28 |
| wlanAPLatitude | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.29 | wlsxWlanAPEntry 29 |
| wlanAPAltitude | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.30 | wlsxWlanAPEntry 30 |
| wlanAPMeshRole | 1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.31 | wlsxWlanAPEntry 31 |

wlsxWlanAPEntry

| | |
|--------------------|---------------------|
| Syntax | WlanAPEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Access point entry. |
| Index | {wlanAPMacAddress} |

wlanAPMacAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | Ethernet MAC address of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPIpAddress

| | |
|--------------------|---------------------------------|
| Syntax | IpAddress |
| Max-Access | read-only |
| Status | current |
| Description | IP address of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPName

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Host name of the access point. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—changed Max-Access to read-only. |

wlanAPGroupName

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Group name of the access point. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—changed Max-Access to read-only. |

wlanAPModel

| | |
|--------------------|------------------------------|
| Syntax | Object Identifier |
| MAX-ACCES | read-only |
| Status | current |
| Description | Sys OID of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPSerialNumber

| | |
|--------------------|------------------------------------|
| Syntax | DisplayString(Size(0..32)) |
| Max-Access | read-only |
| Status | current |
| Description | Serial number of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPdot11aAntennaGain

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Configured antenna gain for 'A' radio. |
| History | Added in AOS-W 2.3. |

wlanAPdot11gAntennaGain

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Configured antenna gain for 'G' radio. |
| History | Added in AOS-W 2.3. |

wlanAPNumRadios

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of radios in the access point. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPEnet1Mode

| | |
|--------------------|---------------------------------|
| Syntax | ArubaEnet1Mode |
| Max-Access | read-only |
| Status | current |
| Description | ENET1 mode of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPIpsecMode

| | |
|--------------------|---------------------------------|
| Syntax | ArubaEnableValue |
| Max-Access | read-only |
| Status | current |
| Description | IPsec mode of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPUpTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time (in hundredths of seconds) since the last time the access point boot strapped with the switch. |
| History | Added in AOS-W 2.3. |

wlanAPModelName

| | |
|--------------------|---------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Model name of the access point. |
| History | Added in AOS-W 2.3. |

wlanAPLocation

| | |
|--------------------|------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Location of the access point |
| History | Added in AOS-W 2.3. |

wlanAPBuilding

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | AP building number. |
| History | Added in AOS-W 2.3. |

wlanAPFloor

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | AP floor number. |
| History | Added in AOS-W 2.3. |

wlanAPLoc

| | |
|--------------------|---------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | AP location. |
| History | Added in AOS-W 2.3. |

wlanAPEXternalAntenna

| | |
|--------------------|---------------------|
| Syntax | ArubaAntennaSetting |
| Max-Access | read-only |
| Status | current |
| Description | AP antenna status. |
| History | Added in AOS-W 2.3. |

wlanAPStatus

| | |
|--------------------|---------------------|
| Syntax | ArubaAPStatus |
| Max-Access | read-only |
| Status | current |
| Description | AP status. |
| History | Added in AOS-W 2.3. |

wlanAPNumBootstraps

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of times the AP has boot strapped with the switch. |
| History | Added in AOS-W 2.3. |

wlanAPNumReboots

| | |
|--------------------|--------------------------------------|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of times the AP has rebooted. |
| History | Added in AOS-W 2.3. |

wlanAPUnprovisioned

| | |
|--------------------|--|
| Syntax | ArubaUnprovisionedStatus |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the AP is unprovisioned due to lack of antenna gain or location code settings. |
| History | Added in AOS-W 2.3. |

wlanAPMonitorMode

| | |
|--------------------|---|
| Syntax | ArubaMonitorMode |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether any radio on this AP is acting as an air monitor. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPFQLNBuilding

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The building component of the AP's FQLN. |
| History | Added in AOS-W 3.1.0.0. |

wlanAPFQLNFloor

| | |
|--------------------|---------------------------------------|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The floor component of the AP's FQLN. |
| History | Added in AOS-W 3.1.0.0. |

wlanAPFQLN

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The AP's fully qualified location name (FQLN). |
| History | Added in AOS-W 3.1.0.0. |

wlanAPFQLNCampus

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | The campus component of the AP's FQLN. |
| History | Added in AOS-W 3.1 |

wlanAPLongitude

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Longitude of the AP. signed floating-point value. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPLatitude

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Latitude of the AP. signed floating-point value. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPAltitude

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Altitude of the AP signed floating-point value. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPMeshRole

| | |
|--------------------|-------------------------|
| Syntax | ArubaMeshRole |
| Max-Access | read-only |
| Status | current |
| Description | AP mesh role. |
| History | Added in AOS-W 3.2.0.0. |

wlsxWlanRadioTable

The objects of the wlsx WLAN Radio table provide information on the access points connected in radios that are known to the Alcatel-Lucent switch. This table is indexed by the MAC address of the AP and the type of the radio.

Table 117 *wlsxWlanRadioTable OIDs*

| Object | Object ID | |
|---------------------------------|--------------------------------------|-----------------------|
| wlsxWlanRadioEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1 | wlsxWlanRadioTable 1 |
| wlanAPRadioNumber | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.1 | wlsxWlanRadioEntry 1 |
| wlanAPRadioType | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.2 | wlsxWlanRadioEntry 2 |
| wlanAPRadioChannel | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.3 | wlsxWlanRadioEntry 3 |
| wlanAPRadioTransmitPower | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.4 | wlsxWlanRadioEntry 4 |
| wlanAPRadioMode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.5 | wlsxWlanRadioEntry 5 |
| wlanAPRadioUtilization | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.6 | wlsxWlanRadioEntry 6 |
| wlanAPRadioNumAssociatedClients | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.7 | wlsxWlanRadioEntry 7 |
| wlanAPRadioNumMonitoredClients | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.8 | wlsxWlanRadioEntry 8 |
| wlanAPRadioNumActiveBSSIDs | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.9 | wlsxWlanRadioEntry 9 |
| wlanAPRadioNumMonitoredBSSIDs | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.10 | wlsxWlanRadioEntry 10 |
| wlanAPRadioBearing | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.11 | wlsxWlanRadioEntry 11 |
| wlanAPRadioTiltAngle | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.12 | wlsxWlanRadioEntry 12 |
| wlanAPRadioHTMode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.13 | wlsxWlanRadioEntry 13 |
| wlanAPRadioHTExtChannel | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.14 | wlsxWlanRadioEntry 14 |
| wlanAPRadioHTChannel | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.15 | wlsxWlanRadioEntry 15 |
| wlanAPRadioAPName | 1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.16 | wlsxWlanRadioEntry 16 |

wlsxWlanRadioEntry

| | |
|--------------------|---|
| Syntax | WlanRadioEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Index {wlanAPMacAddress, wlanAPRadioNumber} |
| History | Added in AOS-W 2.3. |

wlanAPRadioNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | not-accessible |
| Status | current |
| Description | The number of the radio |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPRadioType

| | |
|--------------------|--|
| Syntax | ArubaPhyType |
| Max-Access | read-write |
| Status | current |
| Description | Type of the radio |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—Max-Access changed from read-only to read-write |

wlanAPRadioChannel

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the radio is currently operating on. |
| History | Added in AOS-W 2.3. Updated in AOS-W OS 3.2—description. |

wlanAPRadioTransmitPower

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The current power level of the access point radio. |
| History | Added in AOS-W 2.3. Updated in AOS-W OS 3.2—description. |

wlanAPRadioMode

| | |
|--------------------|---|
| Syntax | ArubaAccessPointMode |
| Max-Access | read-only |
| Status | current |
| Description | The mode in which the access point radio is operating. |
| History | Added in AOS-W 2.3. Updated in AOS-W OS 3.2—description. |

wlanAPRadioUtilization

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The utilization of the radio as a percentage of the total capacity. |
| History | Added in AOS-W 2.3. |

wlanAPRadioNumAssociatedClients

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of clients associated with this radio. |
| History | Added in AOS-W 2.3. |

wlanAPRadioNumMonitoredClients

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of clients this radio is monitoring. |
| History | Added in AOS-W 2.3. |

wlanAPRadioNumActiveBSSIDs

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of AP BSSIDs this radio is monitoring. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPRadioNumMonitoredBSSIDs

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of AP BSSIDs we are monitoring on this radio. |
| History | Added in AOS-W 2.3. |

wlanAPRadioBearing

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Antenna bearing in degrees from true north. Unsigned floating-point value. Range: 0-360. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPRadioTiltAngle

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Tilt angle of antenna in degrees. -ve for downtilt, +ve for uptilt. Signed floating-point value. Range: -90 to +90. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPRadioHTMode

| | |
|--------------------|-----------------------------------|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | The HT mode of the radio, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPRadioHTextChannel

| | |
|--------------------|--|
| Syntax | ArubaHTextChannel |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the offset of the 40MHz extension channel, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPRadioHTChannel

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | current |
| Description | A display string indicating the current channel. If wlanAPRadioHTextChannel is set to 'above' or 'below', then the channel number will be appended with '+' or '-' respectively. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPRadioAPName

| | |
|--------------------|---|
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | current |
| Description | The name of the AP to which the AP belongs. |
| History | Added in AOS-W 3.4.1 |

wlsxWlanAPBssidTable

The objects of the wlsx WLAN Access Point BSSID table provide information about the BSSIDs that are active on the switch.

Table 118 *wlsxWlanAPBssidTable OIDs*

| Object | Object ID |
|----------------------|---|
| wlsxWlanAPBssidEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1 wlsxWlanAPBssidTable 1 |

Table 118 *wlsxWlanAPBssidTable* OIDs (Continued)

| Object | Object ID | |
|----------------------------------|--------------------------------------|-------------------------|
| wlanAPBSSID | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.1 | wlsxWlanAPBssidEntry 1 |
| wlanAPESSID | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.2 | wlsxWlanAPBssidEntry 2 |
| wlanAPBssidSlot | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.3 | wlsxWlanAPBssidEntry 3 |
| wlanAPBssidPort | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.4 | wlsxWlanAPBssidEntry 4 |
| wlanAPBssidPhyType | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.5 | wlsxWlanAPBssidEntry 5 |
| wlanAPBssidRogueType | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.6 | wlsxWlanAPBssidEntry 6 |
| wlanAPBssidMode | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.7 | wlsxWlanAPBssidEntry 7 |
| wlanAPBssidChannel | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.8 | wlsxWlanAPBssidEntry 8 |
| wlanAPBssidUpTime | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.9 | wlsxWlanAPBssidEntry 9 |
| wlanAPBssidInactiveTime | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.10 | wlsxWlanAPBssidEntry 10 |
| wlanAPBssidLoadBalancing | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.11 | wlsxWlanAPBssidEntry 11 |
| wlanAPBssidNumAssociatedStations | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.12 | wlsxWlanAPBssidEntry 12 |
| wlanAPBssidAPMacAddress | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.13 | wlsxWlanAPBssidEntry 13 |
| wlanAPBssidPhyNumber | 1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.14 | wlsxWlanAPBssidEntry 14 |

wlsxWlanAPBssidEntry

| | |
|--------------------|--|
| Syntax | WlanAPBssidEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPBSSID

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The MAC address of the access point. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPESSID

| | |
|--------------------|---|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | ESSID that this BSSID is advertising. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPBssidSlot

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Slot to which the access point is connected. |
| History | Added in AOS-W 2.3. |

wlanAPBssidPort

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Port to which the access point is connected. |
| History | Added in AOS-W 2.3. |

wlanAPBssidPhyType

| | |
|--------------------|--|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | Physical layer protocol support of the AP. |
| History | Added in AOS-W 2.3. |

wlanAPBssidRogueType

| | |
|--------------------|------------------------|
| Syntax | ArubaRogueApType |
| Max-Access | read-only |
| Status | current |
| Description | The type of the rogue. |
| History | Added in AOS-W 2.3. |

wlanAPBssidMode

| | |
|--------------------|--|
| Syntax | Integer ap(1) am(2) mpp(3) mp(4) |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the access point is an air monitor, a regular AP, a mesh portal, or a mesh point. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—addition of syntax items (3), (4), update of description. |

wlanAPBssidChannel

| | |
|--------------------|---|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | The current operating channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPBssidUpTime

| | |
|--------------------|--|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time (in hundredths of seconds) since a tunnel is created between the access point and switch. |
| History | Added in AOS-W 2.3. |

wlanAPBssidInactiveTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time (in hundredths of seconds) since any activity took place on the BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPBssidLoadBalancing

| | |
|--------------------|---|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether load balancing is enabled or not. |

wlanAPBssidNumAssociatedStations

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the number of stations associated to this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.2.0.0.—description. |

wlanAPBssidAPMacAddress

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the access point to which this BSSID belongs. |
| History | Added in AOS-W 2.3. |

wlanAPBssidPhyNumber

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the radio number to which this BSSID belongs. |
| History | Added in AOS-W 2.3. |

wlanAPBssidHTMode

| | |
|--------------------|--|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the HT mode of this BSSID, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPBssidHTextChannel

| | |
|--------------------|--|
| Syntax | ArubaHTextChannel |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the offset of the 40MHz extension channel, if any. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPBssidHTChannel

| | |
|--------------------|--|
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | A display string indicating the current channel. If wlanAPBssidHTextChannel is set to 'above' or 'below', then the channel number will be appended with '+' or '-' respectively. |
| History | Added in AOS-W 3.3.0.0. |

wlsxWlanESSIDTable

The objects of the wlsx WLAN ESSID table provide information of the access points to the switch.

Table 119 *wlsxWlanESSIDTableOBJECT OIDs*

| Object | Object ID | |
|------------------------------|-------------------------------------|----------------------|
| wlsxWlanESSIDEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1 | wlsxWlanESSIDTable 1 |
| wlanESSID | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.1 | wlsxWlanESSIDEntry 1 |
| wlanESSIDNumStations | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.2 | wlsxWlanESSIDEntry 2 |
| wlanESSIDNumAccessPointsUp | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.3 | wlsxWlanESSIDEntry 3 |
| wlanESSIDNumAccessPointsDown | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.4 | wlsxWlanESSIDEntry 4 |
| wlanESSIDEncryptionType | 1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.5 | wlsxWlanESSIDEntry 5 |

wlsxWlanESSIDEntry

| | |
|--------------------|---|
| Syntax | WlanESSIDEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | ESSID entry. |
| Index | {wlanESSID} |
| History | Added in AOS-W 2.3. Update in AOS-W 3.1—description. |

wlanESSID

| | |
|--------------------|--|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | not-accessible |
| Status | current |
| Description | The ESSID being advertised. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanESSIDNumStations

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of stations connected to this ESSID. |
| History | Added in AOS-W 2.3. |

wlanESSIDNumAccessPointsUp

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of APs currently advertising this ESSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanESSIDNumAccessPointsDown

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of APs configured to advertise this ESSID that are not currently operational. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanESSIDEncryptionType

| | |
|--------------------|--|
| Syntax | ArubaEncryptionMethods |
| Max-Access | read-only |
| Status | current |
| Description | The encryption methods supported on this ESSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlsxWlanESSIDVLANPoolTable

The objects of the WLAN ESSID VLAN Pool table list all the access points that are connected to this switch

Table 120 *wlsxWlanESSIDVLANPoolTable* OIDs

| Object | Object ID | |
|--|-------------------------------------|------------------------------|
| wlsxWlanESSIDVLANPoolEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1 | wlsxWlanESSIDVLANPoolTable 1 |
| wlanESSIDVLANId | 1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.1 | wlsxWlanESSIDVLANPoolEntry 1 |
| wlanESSIDVLANPoolStatus | 1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.2 | wlsxWlanESSIDVLANPoolEntry 2 |

wlsxWlanESSIDVLANPoolEntry

| | |
|--------------------|---------------------------|
| Syntax | WlanESSIDVLANPoolEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station management entry. |
| History | Added in AOS-W 2.3. |

wlanESSIDVLANId

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | not-accessible |
| Status | current |
| Description | VLAN which is part of the VLAN pool for this ESSID. |
| History | Added in AOS-W 2.3. |

wlanESSIDVLANPoolStatus

| | |
|--------------------|---|
| Syntax | Row Status |
| Max-Access | read-create |
| Status | current |
| Description | Row status object used to indicate the status of the row. |
| History | Added in AOS-W 2.3. |

wlsxWlanStationTable

The objects of the wlsx WLAN Station table contain the station information associated with the access points.

Table 121 *wlsxWlanStationTable OIDs*

| Object | Object ID | |
|-------------------------|--------------------------------------|-------------------------|
| wlsxWlanStationEntry | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1 | wlsxWlanStationTable 1 |
| wlanStaPhyAddress | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.1 | wlsxWlanStationEntry 1 |
| wlanStaApBssid | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.2 | wlsxWlanStationEntry 2 |
| wlanStaPhyType | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.3 | wlsxWlanStationEntry 3 |
| wlanStaIsAuthenticated | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.4 | wlsxWlanStationEntry 4 |
| wlanStaIsAssociated | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.5 | wlsxWlanStationEntry 5 |
| wlanStaChannel | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.6 | wlsxWlanStationEntry 6 |
| wlanStaVLANId | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.7 | wlsxWlanStationEntry 7 |
| wlanStaVOIPState | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.8 | wlsxWlanStationEntry 8 |
| wlanStaVOIPProtocol | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.9 | wlsxWlanStationEntry 9 |
| wlanStaTransmitRate | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.10 | wlsxWlanStationEntry 10 |
| wlanStaAssociationID | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.11 | wlsxWlanStationEntry 11 |
| wlanStaAccessPointESSID | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.12 | wlsxWlanStationEntry 12 |
| wlanStaPhyNumber | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.13 | wlsxWlanStationEntry 13 |
| wlanStaRSSI | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.14 | wlsxWlanStationEntry 14 |
| wlanStaUpTime | 1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.15 | wlsxWlanStationEntry 15 |

wlsxWlanStationEntry

| | |
|--------------------|---------------------|
| Syntax | WlanStationEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station entry. |
| Index | {wlanStaPhyAddress} |
| History | Added in AOS-W 2.3. |

wlanStaPhyAddress

| | |
|--------------------|--------------------------------------|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The physical address of the station. |
| History | Added in AOS-W 2.3. |

wlanStaApBssid

| | |
|--------------------|---|
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | The access point with which this station was last associated. |
| History | Added in AOS-W 2.3. |

wlanStaPhyType

| | |
|--------------------|----------------------|
| Syntax | ArubaPhyType |
| Max-Access | read-only |
| Status | current |
| Description | Type of the station. |
| History | Added in AOS-W 2.3. |

wlanStalsAuthenticated

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the station is authenticated. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanStalsAssociated

| | |
|--------------------|--|
| Syntax | TruthValue |
| Max-Access | read-only |
| Status | current |
| Description | Indicates whether the station is associated. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanStaChannel

| | |
|--------------------|---|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | Channel on which the station is associated. |
| History | Added in AOS-W 2.3. |

wlanStaVLANId

| | |
|--------------------|---------------------------------------|
| Syntax | ArubaVLANValidRange |
| Max-Access | read-only |
| Status | current |
| Description | VLAN in which the station is present. |
| History | Added in AOS-W 2.3. |

wlanStaVOIPState

| | |
|--------------------|-------------------------------------|
| Syntax | ArubaEnableValue |
| Max-Access | read-only |
| Status | current |
| Description | The state of VOIP for this station. |
| History | Added in AOS-W 2.3. |

wlanStaVOIPProtocol

| | |
|--------------------|---|
| Syntax | ArubaVoipProtocolType |
| Max-Access | read-only |
| Status | current |
| Description | If VoIP is enabled, the type of the protocol supported. |
| History | Added in AOS-W 2.3. |

wlanStaTransmitRate

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | AID with which the station is associated with this system. |
| History | Added in AOS-W 2.3. |

wlanStaAssociationID

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | AID with which the station is associated with this system. |
| History | Added in AOS-W 2.3. |

wlanStaAccessPointESSID

| | |
|--------------------|----------------------------|
| Syntax | DisplayString(Size(0..64)) |
| Max-Access | read-only |
| Status | current |
| Description | ESSID of the access point. |
| History | Added in AOS-W 2.3. |

wlanStaPhyNumber

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Radio PHY number to which the station is associated. |
| History | Added in AOS-W 2.3. |

wlanStaRSSI

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Signal-to-noise ratio for the station. |
| History | Added in AOS-W 2.3. |

wlanStaUpTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | current |
| Description | Time since the station associated to the current BSSID. |
| History | Added in AOS-W 2.3. |

wlanStaHTMode

| | |
|--------------------|-------------------------------|
| Syntax | ArubaHTMode |
| Max-Access | read-only |
| Status | current |
| Description | The HT status of the station. |
| History | Added in AOS-W 3.3.0.0 |

wlsxWlanAPStatsTable

The objects of the wlsx WLAN Access Point Statistics table provide information about access points.

Table 122 *wlsxWlanAPStatsTable OIDs*

| Object | Object ID | |
|-------------------------------------|--------------------------------------|-------------------------|
| wlsxWlanAPStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1 | wlsxWlanAPStatsTable |
| wlanAPCurrentChannel | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.1 | wlsxWlanAPStatsEntry 1 |
| wlanAPNumClients | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.2 | wlsxWlanAPStatsEntry 2 |
| wlanAPTxBkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.3 | wlsxWlanAPStatsEntry 3 |
| wlanAPTxBkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.4 | wlsxWlanAPStatsEntry 4 |
| wlanAPRxBkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.5 | wlsxWlanAPStatsEntry 5 |
| wlanAPRxBkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.6 | wlsxWlanAPStatsEntry 6 |
| wlanAPTxDAuthentications | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.7 | wlsxWlanAPStatsEntry 7 |
| wlanAPRxDAuthentications | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.8 | wlsxWlanAPStatsEntry 8 |
| wlanAPChannelThroughput | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.9 | wlsxWlanAPStatsEntry 9 |
| wlanAPFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.10 | wlsxWlanAPStatsEntry 10 |
| wlanAPFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.11 | wlsxWlanAPStatsEntry 11 |
| wlanAPFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.12 | wlsxWlanAPStatsEntry 12 |
| wlanAPFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.13 | wlsxWlanAPStatsEntry 13 |
| wlanAPFrameBandwidthRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.14 | wlsxWlanAPStatsEntry 14 |
| wlanAPFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.15 | wlsxWlanAPStatsEntry 15 |
| wlanAPChannelErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.16 | wlsxWlanAPStatsEntry 16 |
| wlanAPFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.17 | wlsxWlanAPStatsEntry 17 |
| wlsxWlanTotalNumAccessPoints | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.18 | wlsxWlanAPStatsEntry 18 |
| ywlsxWlanTotalNumStationsAssociated | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.19 | wlsxWlanAPStatsEntry 19 |
| wlsxWlanAPGroupEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.20 | wlsxWlanAPStatsEntry 20 |
| wlanAPGroup | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.21 | wlsxWlanAPStatsEntry 21 |
| wlanAPNumAps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.22 | wlsxWlanAPStatsEntry 22 |
| wlsxWlanAPEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.23 | wlsxWlanAPStatsEntry 23 |
| wlanAPMacAddress | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.24 | wlsxWlanAPStatsEntry 24 |

Table 122 *wlsxWlanAPStatsTable OIDs (Continued)*

| Object | Object ID | |
|-----------------|--------------------------------------|-------------------------|
| wlanAPIpAddress | 1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.25 | wlsxWlanAPStatsEntry 25 |

wlsxWlanAPStatsEntry

| | |
|--------------------|--|
| Syntax | WlanAPStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Access point stats entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPCurrentChannel

| | |
|--------------------|--|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the AP is currently using. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPNumClients

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of clients associated to this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPTxBkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPTxBYTES

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes transmitted on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPRXPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPRxBYTES

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes received on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPTxDauthentication

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentications transmitted on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPRxDeauthentications

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentications received on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChannelThroughput

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The throughput achieved on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameRetryRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of retry packets as a percentage of the total packets transmitted and received by this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameNonUnicastRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast and multicast packets as a percentage of the total packets transmitted on this BSSIDchannel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of fragments as a percentage of the total packets transmitted by this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameBandwidthRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The bandwidth of this BSSID in Kbps. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameRetryErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on this BSSID. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChannelErrorRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on the current channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPFrameReceiveErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on this BSSID. |
| History | Added in AOS-W 2.5. |

wlanAPRxDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of packets received on this BSSID. |
| History | Added in AOS-W 2.5. Deprecated in AOS-W 3.2.0.0. |

wlanAPRxDataBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of bytes received on this BSSID. |
| History | Added in AOS-W 2.5. Deprecated in AOS-W 3.2.0.0. |

wlanAPTxDatapKts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of packets transmitted on this BSSID. |
| History | Added in AOS-W 2.5. Deprecated in AOS-W 3.2.0.0. |

wlanAPTxDatBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | deprecated |
| Description | The number of bytes transmitted on this BSSID. |
| History | Added in AOS-W 2.5. Deprecated in AOS-W 3.2.0.0. |

wlanAPRxDataPkts64

| | |
|--------------------|---|
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received on this BSSID. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPRxDataBytes64

| | |
|--------------------|---|
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes received on this BSSID. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPTxDatapKts64

| | |
|--------------------|--|
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted on this BSSID. |
| History | Added in AOS-W 3.2.0.0. |

wlanAPTxDatBytes64

| | |
|--------------------|--|
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes transmitted on this BSSID. |
| History | Added in AOS-W 3.2.0.0. |

wlsxWlanAPRateStatsTable

The objects of the wlsx WLAN Access Point Rate Statistics table provide information on the access point packet and byte counts, which are grouped by data rates.

Table 123 *wlsxWlanAPRateStatsTable OIDs*

| Object | Object ID | |
|-----------------------------|--------------------------------------|-----------------------------|
| wlsxWlanAPRateStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1 | wlsxWlanAPRateStatsTable 1 |
| wlanAPStatsTotPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.1 | wlsxWlanAPRateStatsEntry 1 |
| wlanAPStatsTotBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.2 | wlsxWlanAPRateStatsEntry 2 |
| wlanAPStatsTotPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.3 | wlsxWlanAPRateStatsEntry 3 |
| wlanAPStatsTotBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.4 | wlsxWlanAPRateStatsEntry 4 |
| wlanAPStatsTotPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.5 | wlsxWlanAPRateStatsEntry 5 |
| wlanAPStatsTotBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.6 | wlsxWlanAPRateStatsEntry 6 |
| wlanAPStatsTotPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.7 | wlsxWlanAPRateStatsEntry 7 |
| wlanAPStatsTotBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.8 | wlsxWlanAPRateStatsEntry 8 |
| wlanAPStatsTotPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.9 | wlsxWlanAPRateStatsEntry 9 |
| wlanAPStatsTotBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.10 | wlsxWlanAPRateStatsEntry 10 |
| wlanAPStatsTotPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.11 | wlsxWlanAPRateStatsEntry 11 |
| wlanAPStatsTotBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.12 | wlsxWlanAPRateStatsEntry 12 |
| wlanAPStatsTotPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.13 | wlsxWlanAPRateStatsEntry 13 |
| wlanAPStatsTotBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.14 | wlsxWlanAPRateStatsEntry 14 |
| wlanAPStatsTotPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.'5 | wlsxWlanAPRateStatsEntry 15 |
| wlanAPStatsTotBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.16 | wlsxWlanAPRateStatsEntry 16 |
| wlanAPStatsTotPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.17 | wlsxWlanAPRateStatsEntry 17 |
| wlanAPStatsTotBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.18 | wlsxWlanAPRateStatsEntry 18 |
| wlanAPStatsTotPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.19 | wlsxWlanAPRateStatsEntry 19 |
| wlanAPStatsTotBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.20 | wlsxWlanAPRateStatsEntry 20 |
| wlanAPStatsTotPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.21 | wlsxWlanAPRateStatsEntry 21 |
| wlanAPStatsTotBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.22 | wlsxWlanAPRateStatsEntry 22 |
| wlanAPStatsTotPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.23 | wlsxWlanAPRateStatsEntry 23 |

Table 123 *wlsxWlanAPRateStatsTable* OIDs (Continued)

| Object | Object ID | |
|-----------------------------------|--------------------------------------|-----------------------------|
| wlanAPStatsTotBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.24 | wlsxWlanAPRateStatsEntry 24 |
| wlanAPStatsTotPktsAtHT6dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.25 | wlsxWlanAPRateStatsEntry 25 |
| wlanAPStatsTotBytesAtHT6dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.26 | wlsxWlanAPRateStatsEntry 26 |
| wlanAPStatsTotPktsAtHT13Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.27 | wlsxWlanAPRateStatsEntry 27 |
| wlanAPStatsTotBytesAtHT13Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.28 | wlsxWlanAPRateStatsEntry 28 |
| wlanAPStatsTotPktsAtHT13dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.29 | wlsxWlanAPRateStatsEntry 29 |
| wlanAPStatsTotBytesAtHT13dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.30 | wlsxWlanAPRateStatsEntry 30 |
| wlanAPStatsTotPktsAtHT15Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.31 | wlsxWlanAPRateStatsEntry 31 |
| wlanAPStatsTotBytesAtHT15Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.32 | wlsxWlanAPRateStatsEntry 32 |
| wlanAPStatsTotPktsAtHT19dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.33 | wlsxWlanAPRateStatsEntry 33 |
| wlanAPStatsTotBytesAtHT19dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.34 | wlsxWlanAPRateStatsEntry 34 |
| wlanAPStatsTotPktsAtHT26Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.35 | wlsxWlanAPRateStatsEntry 35 |
| wlanAPStatsTotBytesAtHT26Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.36 | wlsxWlanAPRateStatsEntry 36 |
| wlanAPStatsTotPktsAtHT27Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.37 | wlsxWlanAPRateStatsEntry 37 |
| wlanAPStatsTotBytesAtHT27Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.38 | wlsxWlanAPRateStatsEntry 38 |
| wlanAPStatsTotPktsAtHT30Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.39 | wlsxWlanAPRateStatsEntry 39 |
| wlanAPStatsTotBytesAtHT30Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.40 | wlsxWlanAPRateStatsEntry 40 |
| wlanAPStatsTotPktsAtHT39Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.41 | wlsxWlanAPRateStatsEntry 41 |
| wlanAPStatsTotBytesAtHT39Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.42 | wlsxWlanAPRateStatsEntry 42 |
| wlanAPStatsTotPktsAtHT40dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.43 | wlsxWlanAPRateStatsEntry 43 |
| wlanAPStatsTotBytesAtHT40dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.44 | wlsxWlanAPRateStatsEntry 44 |
| wlanAPStatsTotPktsAtHT45Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.45 | wlsxWlanAPRateStatsEntry 45 |
| wlanAPStatsTotBytesAtHT45Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.46 | wlsxWlanAPRateStatsEntry 46 |
| wlanAPStatsTotPktsAtHT52Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.47 | wlsxWlanAPRateStatsEntry 47 |
| wlanAPStatsTotBytesAtHT52Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.48 | wlsxWlanAPRateStatsEntry 48 |
| wlanAPStatsTotPktsAtHT54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.49 | wlsxWlanAPRateStatsEntry 49 |
| wlanAPStatsTotBytesAtHT54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.50 | wlsxWlanAPRateStatsEntry 50 |
| wlanAPStatsTotPktsAtHT58dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.51 | wlsxWlanAPRateStatsEntry 51 |
| wlanAPStatsTotBytesAtHT58dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.52 | wlsxWlanAPRateStatsEntry 52 |
| wlanAPStatsTotPktsAtHT60Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.53 | wlsxWlanAPRateStatsEntry 53 |
| wlanAPStatsTotBytesAtHT60Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.54 | wlsxWlanAPRateStatsEntry 54 |
| wlanAPStatsTotPktsAtHT65Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.55 | wlsxWlanAPRateStatsEntry 55 |
| wlanAPStatsTotBytesAtHT65Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.56 | wlsxWlanAPRateStatsEntry 56 |
| wlanAPStatsTotPktsAtHT78Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.57 | wlsxWlanAPRateStatsEntry 57 |

Table 123 *wlsxWlanAPRateStatsTable* OIDs (Continued)

| Object | Object ID | |
|------------------------------------|--------------------------------------|-----------------------------|
| wlanAPStatsTotBytesAtHT78Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.58 | wlsxWlanAPRateStatsEntry 58 |
| wlanAPStatsTotPktsAtHT81Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.59 | wlsxWlanAPRateStatsEntry 59 |
| wlanAPStatsTotBytesAtHT81Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.60 | wlsxWlanAPRateStatsEntry 60 |
| wlanAPStatsTotPktsAtHT90Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.61 | wlsxWlanAPRateStatsEntry 61 |
| wlanAPStatsTotBytesAtHT90Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.62 | wlsxWlanAPRateStatsEntry 62 |
| wlanAPStatsTotPktsAtHT104Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.63 | wlsxWlanAPRateStatsEntry 63 |
| wlanAPStatsTotBytesAtHT104Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.64 | wlsxWlanAPRateStatsEntry 64 |
| wlanAPStatsTotPktsAtHT108Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.65 | wlsxWlanAPRateStatsEntry 65 |
| wlanAPStatsTotBytesAtHT108Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.66 | wlsxWlanAPRateStatsEntry 66 |
| wlanAPStatsTotPktsAtHT117Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.67 | wlsxWlanAPRateStatsEntry 67 |
| wlanAPStatsTotBytesAtHT117Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.68 | wlsxWlanAPRateStatsEntry 68 |
| wlanAPStatsTotPktsAtHT120Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.69 | wlsxWlanAPRateStatsEntry 69 |
| wlanAPStatsTotBytesAtHT120Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.70 | wlsxWlanAPRateStatsEntry 70 |
| wlanAPStatsTotPktsAtHT121dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.71 | wlsxWlanAPRateStatsEntry 71 |
| wlanAPStatsTotBytesAtHT121dot5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.72 | wlsxWlanAPRateStatsEntry 72 |
| wlanAPStatsTotPktsAtHT130Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.73 | wlsxWlanAPRateStatsEntry 73 |
| wlanAPStatsTotBytesAtHT130Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.74 | wlsxWlanAPRateStatsEntry 74 |
| wlanAPStatsTotPktsAtHT135Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.75 | wlsxWlanAPRateStatsEntry 75 |
| wlanAPStatsTotBytesAtHT135Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.76 | wlsxWlanAPRateStatsEntry 76 |
| wlanAPStatsTotPktsAtHT150Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.77 | wlsxWlanAPRateStatsEntry 77 |
| wlanAPStatsTotBytesAtHT150Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.78 | wlsxWlanAPRateStatsEntry 78 |
| wlanAPStatsTotPktsAtHT162Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.79 | wlsxWlanAPRateStatsEntry 79 |
| wlanAPStatsTotBytesAtHT162Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.80 | wlsxWlanAPRateStatsEntry 80 |
| wlanAPStatsTotPktsAtHT180Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.81 | wlsxWlanAPRateStatsEntry 81 |
| wlanAPStatsTotBytesAtHT180Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.82 | wlsxWlanAPRateStatsEntry 82 |
| wlanAPStatsTotPktsAtHT216Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.83 | wlsxWlanAPRateStatsEntry 83 |
| lwlanAPStatsTotBytesAtHT216Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.84 | wlsxWlanAPRateStatsEntry 84 |
| wlanAPStatsTotPktsAtHT240Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.85 | wlsxWlanAPRateStatsEntry 85 |
| wlanAPStatsTotBytesAtHT240Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.86 | wlsxWlanAPRateStatsEntry 86 |
| wlanAPStatsTotPktsAtHT243Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.87 | wlsxWlanAPRateStatsEntry 87 |
| wlanAPStatsTotBytesAtHT243Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.88 | wlsxWlanAPRateStatsEntry 88 |
| wlanAPStatsTotPktsAtHT270Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.89 | wlsxWlanAPRateStatsEntry 89 |
| wlanAPStatsTotBytesAtHT270Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.90 | wlsxWlanAPRateStatsEntry 90 |
| wlanAPStatsTotPktsAtHT300Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.91 | wlsxWlanAPRateStatsEntry 91 |

Table 123 *wlsxWlanAPRateStatsTable* OIDs (Continued)

| Object | Object ID | |
|--------------------------------|--------------------------------------|-----------------------------|
| wlanAPStatsTotBytesAtHT300Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.92 | wlsxWlanAPRateStatsEntry 92 |

wlsxWlanAPRateStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxWlanAPRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 1Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 1 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 2 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 2 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 5 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 5 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 11 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 11 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 6 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 6 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 12 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 12 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 18 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 18 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 24 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 24 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 36 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 36 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 48 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 48 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 54 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 54 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets observed on this BSSID at 9 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotBytesAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of bytes observed on this BSSID at 9 Mbps rate. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotPktsAtHT6dot5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 6.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT6dot5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 6.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT13Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 13.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT13Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 13.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT13dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 13.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT13dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 13.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT15Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 15.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT15Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 15.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT19dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 19.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT19dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 19.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT26Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 26.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT26Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 26.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT27Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 27.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT27Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 27.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT30Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 30.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT30Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 30.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT39Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 39.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT39Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 39.0 rate. |

wlanAPStatsTotPktsAtHT40dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 40.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT40dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 40.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT45Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 45.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT45Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 45.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT52Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 52.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT52Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 52.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 54.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 54.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT58dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 58.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT58dot5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 58.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT60Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 60.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT60Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 60.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT65Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 65.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT65Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 65.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT78Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 78.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT78Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 78.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT81Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 81.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT81Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 81.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT90Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 90.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT90Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 90.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT104Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 104.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT104Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 104.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT108Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 108.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT108Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status5 | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 108.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT117Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 117.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT117Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 117.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT120Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 120.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT120Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 120.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT121dot5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current] |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 121.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT121dot5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 121.5 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT130Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 130.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT130Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 130.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT135Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 135.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT135Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 135.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT150Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 150.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT150Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 150.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT162Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 162.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT162Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 162.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT180Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 180.0 rate. |

wlanAPStatsTotBytesAtHT180Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 180.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT216Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 216.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

lwlanAPStatsTotBytesAtHT216Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 216.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT240Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 240.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT240Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 240.0 rate. |

wlanAPStatsTotPktsAtHT243Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 243.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT243Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 243.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT270Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 270.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT270Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 270.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotPktsAtHT300Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of packets observed on this BSSID at the HT 300.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlanAPStatsTotBytesAtHT300Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | This attribute indicates the total number of bytes observed on this BSSID at the HT 300.0 rate. |
| History | Added in AOS-W 3.3.0.0. |

wlsxWlanAPDATypeStatsTable

The objects of the wlsx WLAN Access Point Destination Address Type Statistics table provide BSSID statistics, which are grouped by destination address (DA).

Table 124 *wlsxWlanAPDATypeStatsTable OIDs*

| Object | Object ID | |
|--------------------------------|-------------------------------------|------------------------------|
| wlsxWlanAPDATypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1 | wlsxWlanAPDATypeStatsTable 1 |
| wlanAPStatsTotDABroadcastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.1 | wlsxWlanAPDATypeStatsEntry 1 |
| wlanAPStatsTotDABroadcastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.2 | wlsxWlanAPDATypeStatsEntry 2 |
| wlanAPStatsTotDAMulticastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.3 | wlsxWlanAPDATypeStatsEntry 3 |
| wlanAPStatsTotDAMulticastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.4 | wlsxWlanAPDATypeStatsEntry 4 |
| wlanAPStatsTotDAUnicastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.5 | wlsxWlanAPDATypeStatsEntry 5 |
| wlanAPStatsTotDAUnicastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.6 | wlsxWlanAPDATypeStatsEntry 6 |

wlsxWlanAPDATypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxWlanAPDATypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDABroadcastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of broadcast packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDABroadcastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of broadcast bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDAMulticastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of multicast packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDAMulticastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of multicast bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDAUnicastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of unicast packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDAUnicastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of unicast bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlsxWlanAPFrameTypeStatsTable

The objects of the wlsx WLAN AP Frame Type Stats lists BSSID statistics, which are grouped by the packet type.

Table 125 *wlsxWlanAPFrameTypeStatsTable OIDs*

| Object | Object ID | |
|-------------------------------|-------------------------------------|---------------------------------|
| wlsxWlanAPFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1 | wlsxWlanAPFrameTypeStatsTable 1 |
| wlanAPStatsTotMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.1 | wlsxWlanAPFrameTypeStatsEntry 1 |
| wlanAPStatsTotMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.2 | wlsxWlanAPFrameTypeStatsEntry 2 |
| wlanAPStatsTotCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.3 | wlsxWlanAPFrameTypeStatsEntry 3 |
| wlanAPStatsTotCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.4 | wlsxWlanAPFrameTypeStatsEntry 4 |
| wlanAPStatsTotDataPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.5 | wlsxWlanAPFrameTypeStatsEntry 5 |
| wlanAPStatsTotDataBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.6 | wlsxWlanAPFrameTypeStatsEntry 6 |

wlsxWlanAPFrameTypeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxWlanAPFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotMgmtPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of management packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotMgmtBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of management bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotCtrlPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotCtrlBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDataPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data packets observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlanAPStatsTotDataBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data bytes observed on this BSSID. |
| History | Added in AOS-W 2.3. |

wlsxWlanAPPktSizeStatsTable

The objects of the wlsx WLAN AP Pkt Size Stats table provide information on BSSID statistics, which are grouped by packet size.

Table 126 *wlsxWlanAPPktSizeStatsTable OIDs*

| Object | Object ID | |
|---|-------------------------------------|-------------------------------|
| wlsxWlanAPPktSizeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1 | wlsxWlanAPPktSizeStatsTable 1 |
| wlanAPStatsPkts63Bytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.1 | wlsxWlanAPPktSizeStatsEntry 1 |
| wlanAPStatsPkts64To127 | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.2 | wlsxWlanAPPktSizeStatsEntry 2 |

Table 126 *wlsxWlanAPPktSizeStatsTable OIDs (Continued)*

| Object | Object ID | |
|---------------------------|-------------------------------------|-------------------------------|
| wlanAPStatsPkts128To255 | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.3 | wlsxWlanAPPktSizeStatsEntry 3 |
| wlanAPStatsPkts256To511 | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.4 | wlsxWlanAPPktSizeStatsEntry 4 |
| wlanAPStatsPkts512To1023 | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.5 | wlsxWlanAPPktSizeStatsEntry 5 |
| wlanAPStatsPkts1024To1518 | 1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.6 | wlsxWlanAPPktSizeStatsEntry 6 |

wlsxWlanAPPktSizeStatsEntry

| | |
|--------------------|--|
| Syntax | wlsxWlanAPPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID} |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts63Bytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were less than 64 bytes long. |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts64To127

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 64 and 127 bytes long. |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts128To255

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 128 and 255 bytes long. |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts256To511

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 256 and 511 bytes long. |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts512To1023

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 512 and 1023 bytes long. |
| History | Added in AOS-W 2.3. |

wlanAPStatsPkts1024To1518

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that were between 1024 and 1518 bytes long. |
| History | Added in AOS-W 2.3. |

wlsxWlanAPChStatsTable

The objects of the wlsx WLAN AP Ch Stats table provide information on the access points that are connected to the switch.

Table 127 *wlsxWlanAPChStatsTableOIDs*

| Object | Object OID | |
|---------------------------|-------------------------------------|--------------------------|
| wlsxWlanAPChStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1 | wlsxWlanAPChStatsTable 1 |
| wlanAPChannelNumber | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.1 | wlsxWlanAPChStatsEntry 1 |
| wlanAPChNumStations | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.2 | wlsxWlanAPChStatsEntry 2 |
| wlanAPChTotPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.3 | wlsxWlanAPChStatsEntry 3 |
| wlanAPChTotBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.4 | wlsxWlanAPChStatsEntry 4 |
| wlanAPChTotRetryPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.5 | wlsxWlanAPChStatsEntry 5 |
| wlanAPChTotFragmentedPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.6 | wlsxWlanAPChStatsEntry 6 |
| wlanAPChTotPhyErrPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.7 | wlsxWlanAPChStatsEntry 7 |
| wlanAPChTotMacErrPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.8 | wlsxWlanAPChStatsEntry 8 |
| wlanAPChNoise | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.9 | wlsxWlanAPChStatsEntry 9 |

Table 127 *wlsxWlanAPChStatsTableOIDs (Continued)*

| Object | Object OID | |
|--------------------------------|--------------------------------------|---------------------------|
| wlanAPChCoverageIndex | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.10 | wlsxWlanAPChStatsEntry 10 |
| wlanAPChInterferenceIndex | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.11 | wlsxWlanAPChStatsEntry 11 |
| wlanAPChFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.12 | wlsxWlanAPChStatsEntry 12 |
| wlanAPFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.13 | wlsxWlanAPChStatsEntry 13 |
| wlanAPFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.14 | wlsxWlanAPChStatsEntry 14 |
| wlanAPChFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.15 | wlsxWlanAPChStatsEntry 15 |
| wlanAPChFrameBandwidthRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.16 | wlsxWlanAPChStatsEntry 16 |
| wlanAPChFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.17 | wlsxWlanAPChStatsEntry 17 |
| wlanAPChBusyRate | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.18 | wlsxWlanAPChStatsEntry 18 |
| wlanAPChNumAPs | 1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.19 | wlsxWlanAPChStatsEntry 19 |

wlsxWlanAPChStatsEntry

| | |
|--------------------|---------------------------------------|
| Syntax | WlanAPChStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Access point channel stats entry. |
| Index | {wlanAPMacAddress, wlanAPRadioNumber} |
| History | Added in AOS-W 2.3. |

wlanAPChannelNumber

| | |
|--------------------|--|
| Syntax | Integer(1..165) |
| Max-Access | read-only |
| Status | current |
| Description | The channel the AP is currently using. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChNumStations

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of stations using this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total packets observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total bytes observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotRetryPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total retry packets observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotFragmentedPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total fragmented packets observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotPhyErrPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total physical error packets observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChTotMacErrPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total MAC errors packets observed on this channel. |
| History | Added in AOS-W 2.3. |

wlanAPChNoise

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The noise observed on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChCoverageIndex

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The coverage provided by the AP on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChInterferenceIndex

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The interference observed on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameRetryRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of retry packets as a percentage of the total packets transmitted and received on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameNonUnicastRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast and multicast packets as a percentage of the total packets transmitted on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of fragments as a percentage of the total packets transmitted on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameBandwidthRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The bandwidth of this channel in Kbps. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameRetryErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChBusyRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | How busy this channel is. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChNumAPs

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of access points observed on this channel. |
| History | Added in AOS-W 2.3. Updated in AOS-W 3.1—description. |

wlanAPChFrameReceiveErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received on this channel. |
| History | Added in AOS-W 3.1.0.0. |

wlsxWlanStationStatsTable

The objects of the wlsx WLAN Station Statistics table provide information of the air monitors that are attached to the switch. The information is sorted—generic, rate, destination address, frame type.

Table 128 *wlsxWlanStationStatsTable OIDs*

| Object | Object OID | |
|-------------------------------|--------------------------------------|------------------------------|
| wlsxWlanStationStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1 | wlsxWlanStationStatsTable 1 |
| wlanStaChannelNum | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.1 | wlsxWlanStationStatsEntry 1 |
| wlanStaTxPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.2 | wlsxWlanStationStatsEntry 2 |
| wlanStaTxBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.3 | wlsxWlanStationStatsEntry 3 |
| wlanStaRxPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.4 | wlsxWlanStationStatsEntry 4 |
| wlanStaRxBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.5 | wlsxWlanStationStatsEntry 5 |
| wlanStaTxBCastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.6 | wlsxWlanStationStatsEntry 6 |
| wlanStaRxBCastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.7 | wlsxWlanStationStatsEntry 7 |
| wlanStaTxMCastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.8 | wlsxWlanStationStatsEntry 8 |
| wlanStaRxMCastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.9 | wlsxWlanStationStatsEntry 9 |
| wlanStaDataPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.10 | wlsxWlanStationStatsEntry 10 |
| wlanStaCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.11 | wlsxWlanStationStatsEntry 11 |
| wlanStaNumAssocRequests | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.12 | wlsxWlanStationStatsEntry 12 |
| wlanStaNumAuthRequests | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.13 | wlsxWlanStationStatsEntry 13 |
| wlanStaTxDeauthentications | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.14 | wlsxWlanStationStatsEntry 14 |
| wlanStaRxDeauthentications | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.15 | wlsxWlanStationStatsEntry 15 |
| wlanStaFrameRetryRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.16 | wlsxWlanStationStatsEntry 16 |
| wlanStaFrameLowSpeedRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.17 | wlsxWlanStationStatsEntry 17 |
| wlanStaFrameNonUnicastRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.18 | wlsxWlanStationStatsEntry 18 |
| wlanStaFrameFragmentationRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.19 | wlsxWlanStationStatsEntry 19 |
| wlanStaFrameBandwidthRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.20 | wlsxWlanStationStatsEntry 20 |
| wlanStaFrameRetryErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.21 | wlsxWlanStationStatsEntry 21 |
| wlanStaFrameReceiveErrorRate | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.22 | wlsxWlanStationStatsEntry 22 |

Table 128 *wlsxWlanStationStatsTable OIDs (Continued)*

| Object | Object OID | |
|---------------------|--------------------------------------|------------------------------|
| wlanStaTxBCastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.23 | wlsxWlanStationStatsEntry 23 |

wlsxWlanStationStatsEntry

| | |
|--------------------|---|
| Syntax | WlanStationStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | Station stats entry. |
| Index | {wlanStaPhyAddress} |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaChannelNum

| | |
|--------------------|---|
| Syntax | Unsigned32 |
| Max-Access | read-only |
| Status | current |
| Description | The channel the station is currently using. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaTxPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaTxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaRxPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaRxBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of bytes received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaTxBCastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaRxBCastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast bytes transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaTxMCastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaRxMCastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast bytes transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of data packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of control packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaNumAssocRequests

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of association requests transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaNumAuthRequests

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of authentication requests transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaTxDeauthentications

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentication frames transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaRxDeauthentications

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of deauthentication frames received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaFrameRetryRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of retry packets as a percentage of the total packets transmitted and received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaFrameLowSpeedRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaFrameNonUnicastRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast and multicast packets as a percentage of the total packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaFrameFragmentationRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of fragments as a percentage of the total packets transmitted by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1—description. |

wlanStaFrameBandwidthRate

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The bandwidth of this station in Kbps. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1 — description. |

wlanStaFrameRetryErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received by this station. |
| History | Added in AOS-W 2.3. Updated AOS-W 3.1 — description. |

wlanStaFrameReceiveErrorRate

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of error packets as a percentage of the total packets received by this station. |
| History | Added in AOS-W 3.2.0.0. |

wlanStaTxBCastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast bytes transmitted by this station. |
| History | Added in AOS-W 3.2.0.0. |

wlsxWlanStaRateStatsTable

The objects of wlsx WLAN Station Rate Stats table provide packet and byte count information for a station. The information is grouped by data rate.

Table 129 *wlsxWlanStaRateStatsTable OIDs*

| Object | Object OID | |
|---------------------------|--------------------------------------|------------------------------|
| wlsxWlanStaRateStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1 | wlsxWlanStaRateStatsTable 1 |
| wlanStaTxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.1 | wlsxWlanStaRateStatsEntry 1 |
| wlanStaTxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.2 | wlsxWlanStaRateStatsEntry 2 |
| wlanStaTxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.3 | wlsxWlanStaRateStatsEntry 3 |
| wlanStaTxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.4 | wlsxWlanStaRateStatsEntry 4 |
| wlanStaTxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.5 | wlsxWlanStaRateStatsEntry 5 |
| wlanStaTxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.6 | wlsxWlanStaRateStatsEntry 6 |
| wlanStaTxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.7 | wlsxWlanStaRateStatsEntry 7 |
| wlanStaTxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.8 | wlsxWlanStaRateStatsEntry 8 |
| wlanStaTxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.9 | wlsxWlanStaRateStatsEntry 9 |
| wlanStaTxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.10 | wlsxWlanStaRateStatsEntry 10 |
| wlanStaTxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.11 | wlsxWlanStaRateStatsEntry 11 |
| wlanStaTxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.12 | wlsxWlanStaRateStatsEntry 12 |
| wlanStaTxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.13 | wlsxWlanStaRateStatsEntry 13 |
| wlanStaTxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.14 | wlsxWlanStaRateStatsEntry 14 |
| wlanStaTxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.15 | wlsxWlanStaRateStatsEntry 15 |
| wlanStaTxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.16 | wlsxWlanStaRateStatsEntry 16 |
| wlanStaTxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.17 | wlsxWlanStaRateStatsEntry 17 |
| wlanStaTxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.18 | wlsxWlanStaRateStatsEntry 18 |
| wlanStaTxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.19 | wlsxWlanStaRateStatsEntry 19 |
| wlanStaTxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.20 | wlsxWlanStaRateStatsEntry 20 |
| wlanStaTxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.21 | wlsxWlanStaRateStatsEntry 21 |
| wlanStaTxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.22 | wlsxWlanStaRateStatsEntry 22 |
| wlanStaRxPktsAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.23 | wlsxWlanStaRateStatsEntry 23 |
| wlanStaRxBytesAt1Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.24 | wlsxWlanStaRateStatsEntry 24 |
| wlanStaRxPktsAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.25 | wlsxWlanStaRateStatsEntry 25 |
| wlanStaRxBytesAt2Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.26 | wlsxWlanStaRateStatsEntry 26 |
| wlanStaRxPktsAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.27 | wlsxWlanStaRateStatsEntry 27 |
| wlanStaRxBytesAt5Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.28 | wlsxWlanStaRateStatsEntry 28 |
| wlanStaRxPktsAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.29 | wlsxWlanStaRateStatsEntry 29 |
| wlanStaRxBytesAt11Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.30 | wlsxWlanStaRateStatsEntry 30 |

Table 129 *wlsxWlanStaRateStatsTable OIDs (Continued)*

| Object | Object OID | |
|------------------------|--------------------------------------|------------------------------|
| wlanStaRxPktsAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.31 | wlsxWlanStaRateStatsEntry 31 |
| wlanStaRxBytesAt6Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.32 | wlsxWlanStaRateStatsEntry 32 |
| wlanStaRxPktsAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.33 | wlsxWlanStaRateStatsEntry 33 |
| wlanStaRxBytesAt12Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.34 | wlsxWlanStaRateStatsEntry 34 |
| wlanStaRxPktsAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.35 | wlsxWlanStaRateStatsEntry 35 |
| wlanStaRxBytesAt18Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.36 | wlsxWlanStaRateStatsEntry 36 |
| wlanStaRxPktsAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.37 | wlsxWlanStaRateStatsEntry 37 |
| wlanStaRxBytesAt24Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.38 | wlsxWlanStaRateStatsEntry 38 |
| wlanStaRxPktsAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.39 | wlsxWlanStaRateStatsEntry 39 |
| wlanStaRxBytesAt36Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.40 | wlsxWlanStaRateStatsEntry 40 |
| wlanStaRxPktsAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.41 | wlsxWlanStaRateStatsEntry 41 |
| wlanStaRxBytesAt48Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.42 | wlsxWlanStaRateStatsEntry 42 |
| wlanStaRxPktsAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.43 | wlsxWlanStaRateStatsEntry 43 |
| wlanStaRxBytesAt54Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.44 | wlsxWlanStaRateStatsEntry 44 |
| wlanStaTxPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.45 | wlsxWlanStaRateStatsEntry 45 |
| wlanStaTxBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.46 | wlsxWlanStaRateStatsEntry 46 |
| wlanStaRxPktsAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.47 | wlsxWlanStaRateStatsEntry 47 |
| wlanStaRxBytesAt9Mbps | 1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.48 | wlsxWlanStaRateStatsEntry 48 |

wlsxWlanStaRateStatsEntry

| | |
|--------------------|---------------------------|
| Syntax | wlsxWlanStaRateStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanStaPhyAddress} |

wlanStaTxPktsAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 1 Mbps rate. |

wlanStaTxBytesAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 1 Mbps rate. |

wlanStaTxPktsAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 2 Mbps rate. |

wlanStaTxBytesAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 2 Mbps rate. |

wlanStaTxPktsAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 5 Mbps rate. |

wlanStaTxBytesAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 5 Mbps rate. |

wlanStaTxPktsAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 11 Mbps rate. |

wlanStaTxBytesAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 11 Mbps rate. |

wlanStaTxPktsAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 6 Mbps rate. |

wlanStaTxBytesAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 6 Mbps rate. |

wlanStaTxPktsAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 12 Mbps rate. |

wlanStaTxBytesAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 12 Mbps rate. |

wlanStaTxPktsAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 18 Mbps rate. |

wlanStaTxBytesAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 18 Mbps rate. |

wlanStaTxPktsAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 24 Mbps rate. |

wlanStaTxBytesAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 24 Mbps rate. |

wlanStaTxPktsAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 36 Mbps rate. |

wlanStaTxBytesAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 36 Mbps rate. |

wlanStaTxPktsAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 48 Mbps rate. |

wlanStaTxBytesAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 48 Mbps rate. |

wlanStaTxPktsAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 54 Mbps rate. |

wlanStaTxBytesAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 54 Mbps rate. |

wlanStaRxPktsAt1Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 1 Mbps rate. |

wlanStaRxBytesAt1Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 1 Mbps rate. |

wlanStaRxPktsAt2Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 2 Mbps rate. |

wlanStaRxBytesAt2Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 2 Mbps rate. |

wlanStaRxPktsAt5Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 5 Mbps rate. |

wlanStaRxBytesAt5Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 5 Mbps rate. |

wlanStaRxPktsAt11Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 11 Mbps rate. |

wlanStaRxBytesAt11Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 11 Mbps rate. |

wlanStaRxPktsAt6Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 6 Mbps rate. |

wlanStaRxBytesAt6Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 6 Mbps rate. |

wlanStaRxPktsAt12Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 12 Mbps rate. |

wlanStaRxBytesAt12Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 12 Mbps rate. |

wlanStaRxPktsAt18Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 18 Mbps rate. |

wlanStaRxBytesAt18Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 18 Mbps rate. |

wlanStaRxPktsAt24Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 24 Mbps rate. |

wlanStaRxBytesAt24Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 24 Mbps rate. |

wlanStaRxPktsAt36Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 36 Mbps rate. |

wlanStaRxBytesAt36Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 36 Mbps rate. |

wlanStaRxPktsAt48Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 48 Mbps rate. |

wlanStaRxBytesAt48Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 48 Mbps rate. |

wlanStaRxPktsAt54Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 54 Mbps rate. |

wlanStaRxBytesAt54Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 54 Mbps rate. |

wlanStaTxPktsAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station at 9 Mbps rate. |

wlanStaTxBytesAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets transmitted by the station at 9 Mbps rate. |

wlanStaRxPktsAt9Mbps

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station at 9 Mbps rate. |

wlanStaRxBytesAt9Mbps

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of octets received by the station at 9 Mbps rate. |

wlsxWlanStaDATypeStatsTable

The objects of the wlsx WLAN Station Destination Access Type Stats table provide information of Station statistics that are sorted by destination address (DA).

Table 130 *wlsxWlanStaDATypeStatsTable OIDs*

| Object | Object ID | |
|-----------------------------|-------------------------------------|--------------------------------|
| wlsxWlanStaDATypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1 | wlsxWlanStaDATypeStatsTable 1 |
| wlanStaTxDABroadcastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.1 | lwlsxWlanStaDATypeStatsEntry 1 |
| wlanStaTxDABroadcastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.2 | lwlsxWlanStaDATypeStatsEntry 2 |
| wlanStaTxDAMulticastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.3 | lwlsxWlanStaDATypeStatsEntry 3 |
| wlanStaTxDAMulticastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.4 | lwlsxWlanStaDATypeStatsEntry 4 |
| wlanStaTxDAUnicastPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.5 | lwlsxWlanStaDATypeStatsEntry 5 |
| wlanStaTxDAUnicastBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.6 | lwlsxWlanStaDATypeStatsEntry 6 |

wlsxWlanStaDATypeStatsEntry

| | |
|--------------------|---------------------|
| Max-Access | not-accessible |
| Status | current |
| Description | User entry |
| Index | {wlanStaPhyAddress} |

wlanStaTxDABroadcastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast packets transmitted by this station. |

wlanStaTxDABroadcastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of broadcast bytes transmitted by this station. |

wlanStaTxDAMulticastPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast packets transmitted by this station. |

wlanStaTxDAMulticastBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of multicast bytes transmitted by this station. |

wlanStaTxDAUnicastPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total of unicast packets transmitted by this station. |

wlanStaTxDAUnicastBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total of unicast bytes transmitted by this station. |

wlsxWlanStaFrameTypeStatsTable

The objects of the wlsx WLAN Station Frame Type table provide information on the packet and byte counts per station. The information is sorted by frame type.

Table 131 *wlsxWlanStaFrameTypeStatsTable OIDs*

| Object | Object ID | |
|--------------------------------|--------------------------------------|-----------------------------------|
| wlsxWlanStaFrameTypeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1 | wlsxWlanStaFrameTypeStatsTable 1 |
| wlanStaTxMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.1 | wlsxWlanStaFrameTypeStatsEntry 1 |
| wlanStaTxMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.2 | wlsxWlanStaFrameTypeStatsEntry 2 |
| wlanStaTxCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.3 | wlsxWlanStaFrameTypeStatsEntry 3 |
| wlanStaTxCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.4 | wlsxWlanStaFrameTypeStatsEntry 4 |
| wlanStaTxDataPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.5 | wlsxWlanStaFrameTypeStatsEntry 5 |
| wlanStaTxDataBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.6 | wlsxWlanStaFrameTypeStatsEntry 6 |
| wlanStaRxMgmtPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.7 | wlsxWlanStaFrameTypeStatsEntry 7 |
| wlanStaRxMgmtBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.8 | wlsxWlanStaFrameTypeStatsEntry 8 |
| wlanStaRxCtrlPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.9 | wlsxWlanStaFrameTypeStatsEntry 9 |
| wlanStaRxCtrlBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.10 | wlsxWlanStaFrameTypeStatsEntry 10 |
| wlanStaRxDataPkts | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.11 | wlsxWlanStaFrameTypeStatsEntry 11 |
| wlanStaRxDataBytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.12 | wlsxWlanStaFrameTypeStatsEntry 12 |

wlswlanStaFrameTypeStatsEntry

| | |
|--------------------|-------------------------------|
| Syntax | wlswlanStaFrameTypeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry |
| Index | {wlanStaPhyAddress} |

wlanStaTxMgmtPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted management packets from a station. |

wlanStaTxMgmtBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted management bytes from a station. |

wlanStaTxCtrlPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted control packets from a station. |

wlanStaTxCtrlBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted control bytes from a station. |

wlanStaTxDataPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted data packets from a station. |

wlanStaTxDataBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The transmitted data bytes observed on this channel. |

wlanStaRxMgmtPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received management packets at a station. |

wlanStaRxMgmtBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received management bytes at a station. |

wlanStaRxCtrlPkts

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received control packets at a station. |

wlanStaRxCtrlBytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received control bytes at a station. |

wlanStaRxDataPkts

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received data packets at a station. |

wlanStaRxDataBytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of received data bytes at a station. |

wlsxWlanStaPktSizeStatsTable

The objects of the wlsx WLAN Station Packet Size Statistics table provide information on the packet and byte counts for stations, which are sorted by packet size.

Table 132 *wlsxWlanStaPktSizeStatsTable OIDs*

| Object | Object ID | |
|------------------------------|--------------------------------------|---------------------------------|
| wlsxWlanStaPktSizeStatsEntry | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1 | wlsxWlanStaPktSizeStatsTable 1 |
| wlanStaTxPkts63Bytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.1 | wlsxWlanStaPktSizeStatsEntry 1 |
| wlanStaTxPkts64To127 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.2 | wlsxWlanStaPktSizeStatsEntry 2 |
| wlanStaTxPkts128To255 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.3 | wlsxWlanStaPktSizeStatsEntry 3 |
| wlanStaTxPkts256To511 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.4 | wlsxWlanStaPktSizeStatsEntry 4 |
| wlanStaTxPkts512To1023 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.5 | wlsxWlanStaPktSizeStatsEntry 5 |
| wlanStaTxPkts1024To1518 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.6 | wlsxWlanStaPktSizeStatsEntry 6 |
| wlanStaRxPkts63Bytes | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.7 | wlsxWlanStaPktSizeStatsEntry 7 |
| wlanStaRxPkts64To127 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.8 | wlsxWlanStaPktSizeStatsEntry 8 |
| wlanStaRxPkts128To255 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.9 | wlsxWlanStaPktSizeStatsEntry 9 |
| wlanStaRxPkts256To511 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.10 | wlsxWlanStaPktSizeStatsEntry 10 |
| wlanStaRxPkts512To1023 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.11 | wlsxWlanStaPktSizeStatsEntry 11 |
| wlanStaRxPkts1024To1518 | 1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.12 | wlsxWlanStaPktSizeStatsEntry 12 |

wlsxWlanStaPktSizeStatsEntry

| | |
|--------------------|------------------------------|
| Syntax | wlsxWlanStaPktSizeStatsEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | User entry. |
| Index | {wlanStaPhyAddress} |

wlanStaTxPkts63Bytes

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were less than 64 bytes long. |

wlanStaTxPkts64To127

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 64 and 127 bytes long. |

wlanStaTxPkts128To255

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 128 and 255 bytes long. |

wlanStaTxPkts256To511

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 256 and 511 bytes long. |

wlanStaTxPkts512To1023

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 512 and 1023 bytes long. |

wlanStaTxPkts1024To1518

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmitted by the station that were between 1024 and 1518 bytes long. |

wlanStaRxPkts63Bytes

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were less than 64 bytes long. |

wlanStaRxPkts64To127

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 64 and 127 bytes long. |

wlanStaRxPkts128To255

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 128 and 255 bytes long. |

wlanStaRxPkts256To511

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 256 and 511 bytes long. |

wlanStaRxPkts512To1023

| | |
|--------------------|--|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 512 and 1023 bytes long. |

wlanStaRxPkts1024To1518

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets received by the station that were between 1024 and 1518 bytes long. |

This section provides lists of the SNMP MIB OIDs that are related to AOS-W.

The first table (Table 133) defines the sysObjectIds for Alcatel-Lucent, Inc. products. The second table below (Table 134) defines the enterprise OIDs from the Alcatel-Lucent Networks private MIBs, which are used in Alcatel-Lucent wireless switch products. The third table (Table 135) shows the OIDs from the Alcatel Internetworking AMAP MIB.

Table 133 *SNMP sysObjectIDs for Alcatel-Lucent products*

| SNMP MIB | OID |
|---|---|
| alcatel | .1.3.6.1.4.1.6486 |
| Alcatel-Lucent internetworking base MIB | .1.3.6.1.4.1.6486.800 |
| OAW-6000 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4 |
| OAW-6000-PS2 (chassis for non-PoE configurations) | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.1.1 |
| OAW-6000-PS4 (chassis for PoE configurations) | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.1.1 |
| OAW-SC-1-48 (Supervisor Card I) | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.1 |
| OAW-SC-1-128 (Supervisor Card I) | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.1 |
| OAW-SC-2-256 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.3 |
| OAW-LC-2G | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.4 |
| OAW-LC-2G24F | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.5 |
| OAW-LC-2G24FP | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.6 |
| OAW-S3-C-2X10G | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.7 |
| OAW-S3-0-2X10G | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.7 |
| OAW-S3-CS-2X10G | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.7 |
| OAW-S3-0S-2X10G | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.4.4.7 |
| OAW-4324 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.2 |
| OAW-4308 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.3 |
| OAW-4302 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.5 |
| OAW-4504 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.6 |
| OAW-4604 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.7 |
| OAW-4704 Wireless Switch | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.1.8 |
| OAW-AP60 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.1 |
| OAW-AP61 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.2 |
| OAW-AP70 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.3 |
| OAW-AP80SB | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.4 |

Table 133 *SNMP sysObjectIDs for Alcatel-Lucent products*

| SNMP MIB | OID |
|-----------|---------------------------------------|
| OAW-AP80M | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.5 |
| OAW-AP65 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.6 |
| OAW-AP40 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.7 |
| OAW-AP85 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.8 |
| OAW-AP41 | .1.3.6.1.4.1.6486.800.1.1.2.2.2.1.2.9 |

The following table provides the OIDs for objects from the Alcatel-Lucent Networks enterprise MIBs, which are used in Alcatel-Lucent wireless switch products.

Table 134 *SNMP OIDs for Alcatel-Lucent Enterprise MIB modules*

| SNMP MIB | OID |
|---------------------------|------------------------------------|
| aruba | .1.3.6.1.4.1.14823 |
| arubaEnterpriseMibModules | .1.3.6.1.4.1.14823.2 |
| common | .1.3.6.1.4.1.14823.2.1 |
| switch | .1.3.6.1.4.1.14823.2.2 |
| wlsxEnterpriseMibModules | .1.3.6.1.4.1.14823.2.2.1 |
| wlsxSwitchMIB | .1.3.6.1.4.1.14823.2.2.1.1 |
| wlsxSystemXGroup | .1.3.6.1.4.1.14823.2.2.1.1.1 |
| wlsxHostname | .1.3.6.1.4.1.14823.2.2.1.1.1.1 |
| wlsxModelName | .1.3.6.1.4.1.14823.2.2.1.1.1.2 |
| wlsxSwitchIp | .1.3.6.1.4.1.14823.2.2.1.1.1.3 |
| wlsxSwitchRole | .1.3.6.1.4.1.14823.2.2.1.1.1.4 |
| wlsxSwitchMasterIp | .1.3.6.1.4.1.14823.2.2.1.1.1.5 |
| wlsxSwitchListTable | .1.3.6.1.4.1.14823.2.2.1.1.1.6 |
| wlsxSwitchListEntry | .1.3.6.1.4.1.14823.2.2.1.1.1.6.1 |
| switchListSwitchIPAddress | .1.3.6.1.4.1.14823.2.2.1.1.1.6.1.1 |
| switchListSwitchRole | .1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2 |
| wlsxSwitchLicenseCoun | .1.3.6.1.4.1.14823.2.2.1.1.1.7 |
| wlsxSwitchLicenseTable | .1.3.6.1.4.1.14823.2.2.1.1.1.8 |
| wlsxLicenseEntry | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1 |
| licenseIndex | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.1 |
| licenseKey | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.2 |
| licenseInstalled | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.3 |
| licenseExpires | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.4 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-------------------------------|-------------------------------------|
| licenseFlags | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.5 |
| licenseService | .1.3.6.1.4.1.14823.2.2.1.1.1.8.1.6 |
| wlsxSysXProcessorTable | .1.3.6.1.4.1.14823.2.2.1.1.1.9 |
| wlsxSysXProcessorEntry | .1.3.6.1.4.1.14823.2.2.1.1.1.9.1 |
| sysXProcessorID | .1.3.6.1.4.1.14823.2.2.1.1.1.9.1.1 |
| sysXProcessorDescr | .1.3.6.1.4.1.14823.2.2.1.1.1.9.1.2 |
| sysXProcessorLoad | .1.3.6.1.4.1.14823.2.2.1.1.1.9.1.3 |
| wlsxSysXStorageTable | .1.3.6.1.4.1.14823.2.2.1.1.1.10 |
| wlsxSysXStorageEntry | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1 |
| sysXStorageIndex | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1.1 |
| sysXStorageType | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1.2 |
| sysXStorageSize | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1.3 |
| sysXStorageUsed | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1.4 |
| sysXStorageName | .1.3.6.1.4.1.14823.2.2.1.1.1.10.1.5 |
| wlsxSysXMemoryTable | .1.3.6.1.4.1.14823.2.2.1.1.1.11 |
| wlsxSysXMemoryEntry | .1.3.6.1.4.1.14823.2.2.1.1.1.11.1 |
| sysXMemoryIndex | .1.3.6.1.4.1.14823.2.2.1.1.1.11.1.1 |
| sysXMemorySize | .1.3.6.1.4.1.14823.2.2.1.1.1.11.1.2 |
| sysXMemoryUsed | .1.3.6.1.4.1.14823.2.2.1.1.1.11.1.3 |
| sysXMemoryFree | .1.3.6.1.4.1.14823.2.2.1.1.1.11.1.4 |
| wlsxSwitchLicenseSerialNumber | .1.3.6.1.4.1.14823.2.2.1.1.1.12 |
| wlsxUserInfoGroup | .1.3.6.1.4.1.14823.2.2.1.1.2 |
| wlsxSwitchUserTable | .1.3.6.1.4.1.14823.2.2.1.1.2.1 |
| wlsxSwitchUserEntry | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1 |
| userIpAddress | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.1 |
| userPhyAddress | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.2 |
| userName | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.3 |
| userRole | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.4 |
| userUpTime | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.5 |
| userAuthenticationMethod | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.6 |
| userLocation | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.7 |
| userServerName | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.8 |
| userConnectedVlan | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.9 |
| userConnectedSlot | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.10 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------------|-------------------------------------|
| userConnectedPort | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.11 |
| userBWContractName | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.12 |
| userBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.1.2.1.1.13 |
| wlsxSwitchStationMgmtTable | .1.3.6.1.4.1.14823.2.2.1.1.2.2 |
| wlsxSwitchStationMgmtEntry | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1 |
| staPhyAddress | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.1 |
| staAccessPointBSSID | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.2 |
| staUserName | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.3 |
| staUserRole | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.4 |
| staAssociationID | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.5 |
| staAccessPointESSID | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.6 |
| staSignalToNoiseRatio | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7 |
| staTransmitRate | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.8 |
| staReceiveRate | .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.9 |
| wlsxSwitchStationStatsTable | .1.3.6.1.4.1.14823.2.2.1.1.2.3 |
| wlsxSwitchStationStatsEntry | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1 |
| staTxPackets | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.1 |
| staTxBytes | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.2 |
| staRxPackets | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.3 |
| staRxBytes | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.4 |
| staBwRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.5 |
| staFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.6 |
| staFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.7 |
| staFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.8 |
| staFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.9 |
| staFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.1.2.3.1.10 |
| wlsxAccessPointInfoGroup | .1.3.6.1.4.1.14823.2.2.1.1.3 |
| wlsxSwitchTotalNumAccessPoints | .1.3.6.1.4.1.14823.2.2.1.1.3.1 |
| wlsxSwitchTotalNumStationsAssociated | .1.3.6.1.4.1.14823.2.2.1.1.3.2 |
| wlsxSwitchAccessPointTable | .1.3.6.1.4.1.14823.2.2.1.1.3.3 |
| wlsxSwitchAccessPointEntry | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1 |
| apBSSID | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.1 |
| apESSID | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.2 |
| apSlot | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.3 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------------|-------------------------------------|
| apPort | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.4 |
| apIpAddress | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.5 |
| apPhyType | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.6 |
| apType | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.7 |
| apCurrentChannel | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.8 |
| apLocation | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.9 |
| apTotalTime | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.10 |
| apInactiveTime | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.11 |
| apLoadBalancing | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.12 |
| apChannelNoise | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13 |
| apSignalToNoiseRatio | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14 |
| apTransmitRate | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.15 |
| apReceiveRate | .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.16 |
| wlsxSwitchGlobalAPTable | .1.3.6.1.4.1.14823.2.2.1.1.3.4 |
| wlsxSwitchGlobalAPEntry | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1 |
| globalAPLocation | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.1 |
| globalAPAddress | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.2 |
| globalAPLocalSwitch | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.3 |
| globalAPdot11aPhyAddr | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.4 |
| globalAPdot11bPhyAddr | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.5 |
| globalAPState | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6 |
| globalAPdot11gPhyAddr | .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.7 |
| wlsxSwitchAccessPointStatsTable | .1.3.6.1.4.1.14823.2.2.1.1.3.5 |
| wlsxSwitchAccessPointStatsEntry | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1 |
| apStatsChannel | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.1 |
| apChannelBwRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2 |
| apChannelFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3 |
| apChannelFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4 |
| apChannelFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.5 |
| apChannelFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.6 |
| apChannelFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7 |
| apBSSTxPackets | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8 |
| apBSSTxBytes | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9 |
| apBSSRxPackets | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------|---------------------------------------|
| apBSSRxBytes | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11 |
| apBSSBwRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12 |
| apBSSFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13 |
| apBSSFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14 |
| apBSSFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.15 |
| apBSSFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.16 |
| apBSSFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17 |
| wlsxSwitchTraps | .1.3.6.1.4.1.14823.2.2.1.1.100 |
| wlsxSwitchTrapObjectsGroup | .1.3.6.1.4.1.14823.2.2.1.1.100.100 |
| wlsxAuthServerName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.1 |
| wlsxAuthServerTimeout | .1.3.6.1.4.1.14823.2.2.1.1.100.100.2 |
| wlsxFanNumber | .1.3.6.1.4.1.14823.2.2.1.1.100.100.4 |
| wlsxLineCardNumber | .1.3.6.1.4.1.14823.2.2.1.1.100.100.5 |
| wlsxVoltageType | .1.3.6.1.4.1.14823.2.2.1.1.100.100.6 |
| wlsxVoltageValue | .1.3.6.1.4.1.14823.2.2.1.1.100.100.7 |
| wlsxTemperatureValue | .1.3.6.1.4.1.14823.2.2.1.1.100.100.8 |
| wlsxProcessName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.9 |
| wlsxStationMacAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.10 |
| wlsxStationBlackListReason | .1.3.6.1.4.1.14823.2.2.1.1.100.100.11 |
| wlsxSpoofedIpAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.12 |
| wlsxSpoofedOldPhyAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.13 |
| wlsxSpoofedNewPhyAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.14 |
| wlsxDBName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.15 |
| wlsxDBUserName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.16 |
| wlsxDBIpAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.17 |
| wlsxDBType | .1.3.6.1.4.1.14823.2.2.1.1.100.100.18 |
| wlsxVrID | .1.3.6.1.4.1.14823.2.2.1.1.100.100.19 |
| wlsxVrMasterIp | .1.3.6.1.4.1.14823.2.2.1.1.100.100.20 |
| wlsxVrrpOperState | .1.3.6.1.4.1.14823.2.2.1.1.100.100.21 |
| wlsxApTxPower | .1.3.6.1.4.1.14823.2.2.1.1.100.100.22 |
| wlsxESIServerGrpName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.23 |
| wlsxESIServerName | .1.3.6.1.4.1.14823.2.2.1.1.100.100.24 |
| wlsxESIServerIpAddress | .1.3.6.1.4.1.14823.2.2.1.1.100.100.25 |
| wlsxLicenseDaysRemaining | .1.3.6.1.4.1.14823.2.2.1.1.100.100.26 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------|---------------------------------------|
| wlsxSlotNumber | .1.3.6.1.4.1.14823.2.2.1.1.100.100.27 |
| wlsxSwitchIPChanged | .1.3.6.1.4.1.14823.2.2.1.1.100.1001 |
| wlsxSwitchRoleChange | .1.3.6.1.4.1.14823.2.2.1.1.100.1002 |
| wlsxUserEntryCreated | .1.3.6.1.4.1.14823.2.2.1.1.100.1003 |
| wlsxUserEntryDeleted | .1.3.6.1.4.1.14823.2.2.1.1.100.1004 |
| wlsxUserEntryAuthenticated | .1.3.6.1.4.1.14823.2.2.1.1.100.1005 |
| wlsxUserEntryDeAuthenticated | .1.3.6.1.4.1.14823.2.2.1.1.100.1006 |
| wlsxUserAuthenticationFailed | .1.3.6.1.4.1.14823.2.2.1.1.100.1007 |
| wlsxAuthServerReqTimedOut | .1.3.6.1.4.1.14823.2.2.1.1.100.1008 |
| wlsxAuthServerTimedOu | .1.3.6.1.4.1.14823.2.2.1.1.100.1009 |
| wlsxAuthServerIsUp | .1.3.6.1.4.1.14823.2.2.1.1.100.1010 |
| wlsxAuthMaxUserEntries | .1.3.6.1.4.1.14823.2.2.1.1.100.1011 |
| wlsxAuthMaxAclEntries | .1.3.6.1.4.1.14823.2.2.1.1.100.1012 |
| wlsxAuthMaxBWContracts | .1.3.6.1.4.1.14823.2.2.1.1.100.1013 |
| wlsxPowerSupplyFailure | .1.3.6.1.4.1.14823.2.2.1.1.100.1014 |
| wlsxFanFailure | .1.3.6.1.4.1.14823.2.2.1.1.100.1015 |
| wlsxOutOfRangeVoltage | .1.3.6.1.4.1.14823.2.2.1.1.100.1016 |
| wlsxOutOfRangeTemperature | .1.3.6.1.4.1.14823.2.2.1.1.100.1017 |
| wlsxLCInserted | .1.3.6.1.4.1.14823.2.2.1.1.100.1018 |
| wlsxSCInserted | .1.3.6.1.4.1.14823.2.2.1.1.100.1019 |
| wlsxGBICInserted | .1.3.6.1.4.1.14823.2.2.1.1.100.1020 |
| wlsxProcessDied | .1.3.6.1.4.1.14823.2.2.1.1.100.1021 |
| wlsxProcessExceedsMemoryLimits | .1.3.6.1.4.1.14823.2.2.1.1.100.1022 |
| wlsxLowOnFlashSpace | .1.3.6.1.4.1.14823.2.2.1.1.100.1023 |
| wlsxLowMemory | .1.3.6.1.4.1.14823.2.2.1.1.100.1024 |
| wlsxFanTrayRemoved | .1.3.6.1.4.1.14823.2.2.1.1.100.1025 |
| wlsxFanTrayInserted | .1.3.6.1.4.1.14823.2.2.1.1.100.1026 |
| wlsxLCRemoved | .1.3.6.1.4.1.14823.2.2.1.1.100.1027 |
| wlsxSCRemoved | .1.3.6.1.4.1.14823.2.2.1.1.100.1028 |
| wlsxPowerSupplyMissing | .1.3.6.1.4.1.14823.2.2.1.1.100.1029 |
| wlsxAccessPointsUp | .1.3.6.1.4.1.14823.2.2.1.1.100.1030 |
| wlsxAccessPointsDown | .1.3.6.1.4.1.14823.2.2.1.1.100.1031 |
| wlsxCoverageHoleDetected | .1.3.6.1.4.1.14823.2.2.1.1.100.1032 |
| wlsxChannelChanged | .1.3.6.1.4.1.14823.2.2.1.1.100.1033 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------------|-------------------------------------|
| wlsxStationAddedToBlackList | .1.3.6.1.4.1.14823.2.2.1.1.100.1034 |
| wlsxStationRemovedFromBlackList | .1.3.6.1.4.1.14823.2.2.1.1.100.1035 |
| wlsxIpSpoofingDetected | .1.3.6.1.4.1.14823.2.2.1.1.100.1036 |
| wlsxDBCommunicationFailure | .1.3.6.1.4.1.14823.2.2.1.1.100.1037 |
| wlsxVrrpStateChange | .1.3.6.1.4.1.14823.2.2.1.1.100.1038 |
| wlsxAPRadioAttributesChanged | .1.3.6.1.4.1.14823.2.2.1.1.100.1039 |
| wlsxESIServerUp | .1.3.6.1.4.1.14823.2.2.1.1.100.1040 |
| wlsxESIServerDown | .1.3.6.1.4.1.14823.2.2.1.1.100.1041 |
| wlsxLicenseExpiry | .1.3.6.1.4.1.14823.2.2.1.1.100.1042 |
| wlsxSystemExtMIB | .1.3.6.1.4.1.14823.2.2.1.2 |
| wlsxSystemExtGroup | .1.3.6.1.4.1.14823.2.2.1.2.1 |
| wlsxSysExtSwitchIp | .1.3.6.1.4.1.14823.2.2.1.2.1.1 |
| wlsxSysExtHostname | .1.3.6.1.4.1.14823.2.2.1.2.1.2 |
| wlsxSysExtModelName | .1.3.6.1.4.1.14823.2.2.1.2.1.3 |
| wlsxSysExtSwitchRole | .1.3.6.1.4.1.14823.2.2.1.2.1.4 |
| wlsxSysExtSwitchMasterIp | .1.3.6.1.4.1.14823.2.2.1.2.1.5 |
| wlsxSysExtSwitchDate | .1.3.6.1.4.1.14823.2.2.1.2.1.6 |
| wlsxSysExtSwitchBaseMacaddress | .1.3.6.1.4.1.14823.2.2.1.2.1.7 |
| wlsxSysExtFanTrayAssemblyNumber | .1.3.6.1.4.1.14823.2.2.1.2.1.8 |
| wlsxSysExtFanTraySerialNumber | .1.3.6.1.4.1.14823.2.2.1.2.1.9 |
| wlsxSysExtInternalTemperature | .1.3.6.1.4.1.14823.2.2.1.2.1.10 |
| wlsxSysExtLicenseSerialNumber | .1.3.6.1.4.1.14823.2.2.1.2.1.11 |
| wlsxSysExtSwitchLicenseCount | .1.3.6.1.4.1.14823.2.2.1.2.1.12 |
| wlsxSysExtProcessorTable | .1.3.6.1.4.1.14823.2.2.1.2.1.13 |
| wlsxSysExtProcessorEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.13.1 |
| sysExtProcessorID | .1.3.6.1.4.1.14823.2.2.1.2.1.13.1.1 |
| sysExtProcessorDescr | .1.3.6.1.4.1.14823.2.2.1.2.1.13.1.2 |
| sysExtProcessorLoad | .1.3.6.1.4.1.14823.2.2.1.2.1.13.1.3 |
| wlsxSysExtStorageTable | .1.3.6.1.4.1.14823.2.2.1.2.1.14 |
| wlsxSysExtStorageEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1 |
| sysExtStorageIndex | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1 |
| sysExtStorageType | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2 |
| sysExtStorageSize | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3 |
| sysExtStorageUsed | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------------|--------------------------------------|
| sysExtStorageName | .1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5 |
| wlsxSysExtMemoryTable | .1.3.6.1.4.1.14823.2.2.1.2.1.15 |
| wlsxSysExtMemoryEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.15.1 |
| sysExtMemoryIndex | .1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1 |
| sysExtMemorySize | .1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2 |
| sysExtMemoryUsed | .1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3 |
| sysExtMemoryFree | .1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4 |
| wlsxSysExtCardTable | .1.3.6.1.4.1.14823.2.2.1.2.1.16 |
| wlsxSysExtCardEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1 |
| sysExtCardSlot | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.1 |
| sysExtCardType | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.2 |
| sysExtCardNumOfPorts | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.3 |
| sysExtCardNumOfFastethernetPorts | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.4 |
| sysExtCardNumOfGigPorts | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.5 |
| sysExtCardSerialNo | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.6 |
| sysExtCardAssemblyNo | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.7 |
| sysExtCardManufacturingDate | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.8 |
| sysExtCardHwRevision | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.9 |
| sysExtCardFpgaRevision | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.10 |
| sysExtCardSwitchChip | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.11 |
| sysExtCardStatus | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.12 |
| sysExtCardUserSlot | .1.3.6.1.4.1.14823.2.2.1.2.1.16.1.13 |
| wlsxSysExtFanTable | .1.3.6.1.4.1.14823.2.2.1.2.1.17 |
| wlsxSysExtFanEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.17.1 |
| sysExtFanIndex | .1.3.6.1.4.1.14823.2.2.1.2.1.17.1.1 |
| sysExtFanStatus | .1.3.6.1.4.1.14823.2.2.1.2.1.17.1.2 |
| wlsxSysExtPowerSupplyTable | .1.3.6.1.4.1.14823.2.2.1.2.1.18 |
| wlsxSysExtPowerSupplyEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.18.1 |
| sysExtPowerSupplyIndex | .1.3.6.1.4.1.14823.2.2.1.2.1.18.1.1 |
| sysExtPowerSupplyStatus | .1.3.6.1.4.1.14823.2.2.1.2.1.18.1.2 |
| wlsxSysExtSwitchListTable | .1.3.6.1.4.1.14823.2.2.1.2.1.19 |
| wlsxSysExtSwitchListEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1 |
| sysExtSwitchIPAddress | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.1 |
| sysExtSwitchRole | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.2 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------------------|-------------------------------------|
| sysExtSwitchLocation | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.3 |
| sysExtSwitchSWVersion | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.4 |
| sysExtSwitchStatus | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.5 |
| sysExtSwitchName | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.6 |
| sysExtSwitchSerNo | .1.3.6.1.4.1.14823.2.2.1.2.1.19.1.7 |
| wlsxSysExtSwitchLicenseTable | .1.3.6.1.4.1.14823.2.2.1.2.1.20 |
| wlsxSysExtLicenseEntry | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1 |
| sysExtLicenseIndex | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.1 |
| sysExtLicenseKey | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.2 |
| sysExtLicenseInstalled | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.3 |
| sysExtLicenseExpires | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.4 |
| sysExtLicenseFlags | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.5 |
| sysExtLicenseService | .1.3.6.1.4.1.14823.2.2.1.2.1.20.1.6 |
| wlsxSysExtMMSCompatLevel | .1.3.6.1.4.1.14823.2.2.1.2.1.21 |
| wlsxSysExtMMSConfigID | .1.3.6.1.4.1.14823.2.2.1.2.1.22 |
| wlsxSysExtControllerConfigID | .1.3.6.1.4.1.14823.2.2.1.2.1.23 |
| wlsxSysExtIsMMSConfigUpdateEnabled | .1.3.6.1.4.1.14823.2.2.1.2.1.24 |
| wlsxSysExtSwitchLastReload | .1.3.6.1.4.1.14823.2.2.1.2.1.25 |
| wlsxSysExtLastStatsReset | .1.3.6.1.4.1.14823.2.2.1.2.1.26 |
| wlsxSystemExtTableGenNumberGroup | .1.3.6.1.4.1.14823.2.2.1.2.2 |
| wlsxSysExtUserTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.1 |
| wlsxSysExtAPBssidTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.2 |
| wlsxSysExtAPRadioTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.3 |
| wlsxSysExtAPTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.4 |
| wlsxSysExtSwitchListTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.5 |
| wlsxSysExtPortTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.6 |
| wlsxSysExtVlanTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.7 |
| wlsxSysExtVlanInterfaceTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.8 |
| wlsxSysExtLicenseTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.9 |
| wlsxSysExtMonAPTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.10 |
| wlsxSysExtMonStationTableGenNumber | .1.3.6.1.4.1.14823.2.2.1.2.2.11 |
| wlsxIfExtMIB | .1.3.6.1.4.1.14823.2.2.1.3 |
| wlsxIfExtGroup | .1.3.6.1.4.1.14823.2.2.1.3.1 |
| wlsxIfExtPortTable | .1.3.6.1.4.1.14823.2.2.1.3.1.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------|-------------------------------------|
| wslxIfExtPortEntry | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1 |
| ifExtSlotNumber | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.1 |
| ifExtPortNumber | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.2 |
| ifExtPortIfIndex | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.3 |
| ifExtAdminState | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.4 |
| ifExtOperState | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.5 |
| ifExtPoeState | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.6 |
| ifExtIsTrusted | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.7 |
| ifExtDot1DState | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.8 |
| ifExtMode | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.9 |
| ifExtAccessVlanId | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.10 |
| ifExtTrunkNativeVlanId | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.11 |
| ifExtTrunkIsAllowedAll | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.12 |
| ifExtTrunkAllowedVlanList | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.13 |
| ifExtIngressACLName | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.14 |
| ifExtEgressACLName | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.15 |
| ifExtSessionACLName | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.16 |
| ifExtXsecVlan | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.17 |
| ifExtIsMonitoring | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.18 |
| ifExtIsMux | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.19 |
| ifExtUserSlotNumber | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.20 |
| ifExtUserPortNumber | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.21 |
| ifExtPortSpeed | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.22 |
| ifExtPortDuplex | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.23 |
| ifExtPortType | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.24 |
| ifExtDescr | .1.3.6.1.4.1.14823.2.2.1.3.1.1.1.25 |
| wslxIfExtVlanTable | .1.3.6.1.4.1.14823.2.2.1.3.1.2 |
| wslxIfExtVlanEntry | .1.3.6.1.4.1.14823.2.2.1.3.1.2.1 |
| ifExtVlanId | .1.3.6.1.4.1.14823.2.2.1.3.1.2.1.1 |
| ifExtVlanName | .1.3.6.1.4.1.14823.2.2.1.3.1.2.1.2 |
| ifExtVlanStatus | .1.3.6.1.4.1.14823.2.2.1.3.1.2.1.3 |
| wslxIfExtVlanMemberTable | .1.3.6.1.4.1.14823.2.2.1.3.1.3 |
| wslxIfExtVlanMemberEntry | .1.3.6.1.4.1.14823.2.2.1.3.1.3.1 |
| ifExtVlanMemberStatus | .1.3.6.1.4.1.14823.2.2.1.3.1.3.1.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------------|-------------------------------------|
| ifExtVlanMemberSlot | .1.3.6.1.4.1.14823.2.2.1.3.1.3.1.2 |
| ifExtVlanMemberPort | .1.3.6.1.4.1.14823.2.2.1.3.1.3.1.3 |
| ifExtVlanMemberType | .1.3.6.1.4.1.14823.2.2.1.3.1.3.1.4 |
| wlsxIfExtVlanInterfaceTable | .1.3.6.1.4.1.14823.2.2.1.3.1.4 |
| wlsxIfExtVlanInterfaceEntry | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1 |
| ifExtVlanInterfaceIfIndex | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.1 |
| ifExtVlanInterfaceDescription | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.2 |
| ifExtVlanInterfaceBWContract | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.3 |
| ifExtVlanInterfaceAdminState | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.4 |
| ifExtVlanInterfaceOperState | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.5 |
| ifExtVlanInterfaceIpAddress | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.6 |
| ifExtVlanInterfaceIpMask | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.7 |
| ifExtVlanInterfaceIpsLocalArp | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.8 |
| ifExtVlanInterfaceStatus | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.9 |
| ifExtVlanInterfaceIpRouting | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.10 |
| ifExtVlanInterfaceIpNatInside | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.11 |
| ifExtVlanInterfaceIplgmpSnooping | .1.3.6.1.4.1.14823.2.2.1.3.1.4.1.12 |
| wlsxUserMIB | .1.3.6.1.4.1.14823.2.2.1.4 |
| wlsxUserAllInfoGroup | .1.3.6.1.4.1.14823.2.2.1.4.1 |
| wlsxTotalNumOfUsers | .1.3.6.1.4.1.14823.2.2.1.4.1.1 |
| wlsxUserTable | .1.3.6.1.4.1.14823.2.2.1.4.1.2 |
| wlsxUserEntry | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1 |
| nUserPhyAddress | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.1 |
| nUserIpAddress | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.2 |
| nUserName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.3 |
| nUserRole | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.4 |
| nUserUpTime | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.5 |
| nUserAuthenticationMethod | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.6 |
| nUserSubAuthenticationMethod | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.7 |
| nUserAuthServerName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.8 |
| nUserExtVPNAddress | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.9 |
| nUserApLocation | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.10 |
| nUserApBSSID | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.11 |
| nUserIsOnHomeAgent | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.12 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------|-------------------------------------|
| nUserHomeAgentIpAddress | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.13 |
| nUserMobilityStatus | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.14 |
| nUserHomeVlan | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.15 |
| nUserDefaultVlan | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.16 |
| nUserAssignedVlan | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.17 |
| nUserBWContractName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.18 |
| nUserBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.19 |
| nUserBWContractId | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.20 |
| nUserIsProxyArpEnabled | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.21 |
| nUserCurrentVlan | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.22 |
| nUserIsWired | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.23 |
| nUserConnectedSlot | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.24 |
| nUserConnectedPort | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.25 |
| nUserPhyType | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.26 |
| nUserMobilityDomainName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.27 |
| nUserUPBWContractName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.28 |
| nUserUPBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.29 |
| nUserUPBWContractId | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.30 |
| nUserDNBWContractName | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.31 |
| nUserDNBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.32 |
| nUserDNBWContractId | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.33 |
| nUserHTMode | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.34 |
| nUserEncryptionMethod | .1.3.6.1.4.1.14823.2.2.1.4.1.2.1.35 |
| wlsxUserSessionTimeTable | .1.3.6.1.4.1.14823.2.2.1.4.1.3 |
| wlsxUserSessionTimeEntry | .1.3.6.1.4.1.14823.2.2.1.4.1.3.1 |
| wlsxUserSessionTimeLength | .1.3.6.1.4.1.14823.2.2.1.4.1.3.1.1 |
| wlsxUserSessionTimeCount | .1.3.6.1.4.1.14823.2.2.1.4.1.3.1.2 |
| wlsxNumOfUsers8021x | 1.3.6.1.4.1.14823.2.2.1.4.1.4.1 |
| wlsxNumOfUsersVPN | 1.3.6.1.4.1.14823.2.2.1.4.1.4.2 |
| wlsxNumOfUsersCP | 1.3.6.1.4.1.14823.2.2.1.4.1.4.3 |
| wlsxNumOfUsersMAC | 1.3.6.1.4.1.14823.2.2.1.4.1.4.4 |
| wlsxNumOfUsersStateful8021x | 1.3.6.1.4.1.14823.2.2.1.4.1.4.5 |
| wlsxWlanMIB | .1.3.6.1.4.1.14823.2.2.1.5 |
| wlsxWlanConfigGroup | .1.3.6.1.4.1.14823.2.2.1.5.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------------|---------------------------------------|
| wlsxWlanStateGroup | .1.3.6.1.4.1.14823.2.2.1.5.2 |
| wlsxWlanAccessPointInfoGroup | .1.3.6.1.4.1.14823.2.2.1.5.2.1 |
| wlsxWlanTotalNumAccessPoints | .1.3.6.1.4.1.14823.2.2.1.5.2.1.1 |
| wlsxWlanTotalNumStationsAssociated | .1.3.6.1.4.1.14823.2.2.1.5.2.1.2 |
| wlsxWlanAPGroupTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.3 |
| wlsxWlanAPGroupEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1 |
| wlanAPGroup | .1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.1 |
| wlanAPNumAps | .1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.2 |
| wlsxWlanAPTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4 |
| wlsxWlanAPEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1 |
| wlanAPMacAddress | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.1 |
| wlanAPIpAddress | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.2 |
| wlanAPName | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.3 |
| wlanAPGroupName | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.4 |
| wlanAPModel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.5 |
| wlanAPSerialNumber | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.6 |
| wlanAPdot11aAntennaGain | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.7 |
| wlanAPdot11gAntennaGain | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.8 |
| wlanAPNumRadios | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.9 |
| wlanAPEnet1Mode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.10 |
| wlanAPIpsecMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.11 |
| wlanAPUpTime | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.12 |
| wlanAPModelName | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.13 |
| wlanAPLocation | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.14 |
| wlanAPBuilding | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.15 |
| wlanAPFloor | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.16 |
| wlanAPLoc | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.17 |
| wlanAPEnternalAntenna | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.18 |
| wlanAPStatus | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.19 |
| wlanAPNumBootstraps | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.20 |
| wlanAPNumReboots | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.21 |
| wlanAPUnprovisioned | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.22 |
| wlanAPMonitorMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.23 |
| wlanAPFQLNBuilding | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.24 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------------|---------------------------------------|
| wlanAPFQLNFloor | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.25 |
| wlanAPFQLN | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.26 |
| wlanAPFQLNCampus | .1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.27 |
| wlsxWlanRadioTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5 |
| wlsxWlanRadioEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1 |
| wlanAPRadioNumber | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.1 |
| wlanAPRadioType | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.2 |
| wlanAPRadioChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.3 |
| wlanAPRadioTransmitPower | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.4 |
| wlanAPRadioMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.5 |
| wlanAPRadioUtilization | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.6 |
| wlanAPRadioNumAssociatedClients | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.7 |
| wlanAPRadioNumMonitoredClients | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.8 |
| wlanAPRadioNumActiveBSSIDs | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.9 |
| wlanAPRadioNumMonitoredBSSIDs | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.10 |
| wlanAPRadioBearing | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.11 |
| wlanAPRadioTiltAngle | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.12 |
| wlanAPRadioHTMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.13 |
| wlanAPRadioHTExtChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.14 |
| wlanAPRadioHTChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.15 |
| wlanAPRadioAPName | .1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.16 |
| wlsxWlanAPBssidTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7 |
| wlsxWlanAPBssidEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1 |
| wlanAPBSSID | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.1 |
| wlanAPESSID | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.2 |
| wlanAPBssidSlot | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.3 |
| wlanAPBssidPort | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.4 |
| wlanAPBssidPhyType | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.5 |
| wlanAPBssidRogueType | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.6 |
| wlanAPBssidMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.7 |
| wlanAPBssidChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.8 |
| wlanAPBssidUpTime | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.9 |
| wlanAPBssidInactiveTime | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.10 |
| wlanAPBssidLoadBalancing | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.11 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------------|---------------------------------------|
| wlanAPBssidNumAssociatedStations | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.12 |
| wlanAPBssidAPMacAddress | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.13 |
| wlanAPBssidPhyNumber | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.14 |
| wlanAPBssidHTMode | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.15 |
| wlanAPBssidHTExtChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.16 |
| wlanAPBssidHTChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.17 |
| wlsxWlanESSIDTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8 |
| wlsxWlanESSIDEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1 |
| wlanESSID | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.1 |
| wlanESSIDNumStations | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.2 |
| wlanESSIDNumAccessPointsUp | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.3 |
| wlanESSIDNumAccessPointsDown | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.4 |
| wlanESSIDEncryptionType | .1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.5 |
| wlsxWlanESSIDVlanPoolTable | .1.3.6.1.4.1.14823.2.2.1.5.2.1.9 |
| wlsxWlanESSIDVlanPoolEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1 |
| wlanESSIDVlanId | .1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.1 |
| wlanESSIDVlanPoolStatus | .1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.2 |
| wlsxWlanStationInfoGroup | .1.3.6.1.4.1.14823.2.2.1.5.2.2 |
| wlsxWlanStationTable | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1 |
| wlsxWlanStationEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1 |
| wlanStaPhyAddress | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.1 |
| wlanStaApBssid | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.2 |
| wlanStaPhyType | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.3 |
| wlanStalsAuthenticated | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.4 |
| wlanStalsAssociated | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.5 |
| wlanStaChannel | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.6 |
| wlanStaVlanId | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.7 |
| wlanStaVOIPState | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.8 |
| wlanStaVOIPProtocol | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.9 |
| wlanStaTransmitRate | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.10 |
| wlanStaAssociationID | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.11 |
| wlanStaAccessPointESSID | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.12 |
| wlanStaPhyNumber | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.13 |
| wlanStaRSSI | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.14 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------------|---------------------------------------|
| wlanStaUpTime | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.15 |
| wlanStaHTMode | .1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.16 |
| wlsxWlanStaAssociationFailureTable | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2 |
| wlsxWlanStaAssociationFailureEntry | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1 |
| wlanStaAssocFailureApName | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.1 |
| wlanStaAssocFailureApEssid | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.2 |
| wlanStaAssocFailurePhyNum | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.3 |
| wlanStaAssocFailurePhyType | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.4 |
| wlanStaAssocFailureElapsedTime | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.5 |
| wlanStaAssocFailureReason | .1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.6 |
| wlsxWlanAssociationInfoGroup | .1.3.6.1.4.1.14823.2.2.1.5.2.3 |
| wlsxWlanStatsGroup | .1.3.6.1.4.1.14823.2.2.1.5.3 |
| wlsxWlanAccessPointStatsGroup | .1.3.6.1.4.1.14823.2.2.1.5.3.1 |
| wlsxWlanAPStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1 |
| wlsxWlanAPStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1 |
| wlanAPCurrentChannel | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.1 |
| wlanAPNumClients | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.2 |
| wlanAPTxBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.3 |
| wlanAPTxBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.4 |
| wlanAPRxBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.5 |
| wlanAPRxBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.6 |
| wlanAPTxDAuthentications | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.7 |
| wlanAPRxDAuthentications | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.8 |
| wlanAPChannelThroughput | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.9 |
| wlanAPFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.10 |
| wlanAPFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.11 |
| wlanAPFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.12 |
| wlanAPFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.13 |
| wlanAPFrameBandwidthRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.14 |
| wlanAPFrameRetryErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.15 |
| wlanAPChannelErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.16 |
| wlanAPFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.17 |
| wlanAPRxDDataBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.18 |
| wlanAPRxDDataBkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.19 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------------|---------------------------------------|
| wlanAPTxDatapKts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.20 |
| wlanAPTxDatapBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.21 |
| wlanAPRxDatapKts64 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.22 |
| wlanAPRxDatapBytes64 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.23 |
| wlanAPTxDatapKts64 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.24 |
| wlanAPTxDatapBytes64 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.25 |
| wlsxWlanAPRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2 |
| wlsxWlanAPRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1 |
| wlanAPStatsTotPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.1 |
| wlanAPStatsTotBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.2 |
| wlanAPStatsTotPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.3 |
| wlanAPStatsTotBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.4 |
| wlanAPStatsTotPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.5 |
| wlanAPStatsTotBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.6 |
| wlanAPStatsTotPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.7 |
| wlanAPStatsTotBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.8 |
| wlanAPStatsTotPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.9 |
| wlanAPStatsTotBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.10 |
| wlanAPStatsTotPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.11 |
| wlanAPStatsTotBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.12 |
| wlanAPStatsTotPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.13 |
| wlanAPStatsTotBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.14 |
| wlanAPStatsTotPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.15 |
| wlanAPStatsTotBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.16 |
| wlanAPStatsTotPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.17 |
| wlanAPStatsTotBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.18 |
| wlanAPStatsTotPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.19 |
| wlanAPStatsTotBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.20 |
| wlanAPStatsTotPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.21 |
| wlanAPStatsTotBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.22 |
| wlanAPStatsTotPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.23 |
| wlanAPStatsTotBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.24 |
| wlanAPStatsTotPktsAtHT6dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.25 |
| wlanAPStatsTotBytesAtHT6dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.26 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------------|---------------------------------------|
| wlanAPStatsTotPktsAtHT13Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.27 |
| wlanAPStatsTotBytesAtHT13Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.28 |
| wlanAPStatsTotPktsAtHT13dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.29 |
| wlanAPStatsTotBytesAtHT13dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.30 |
| wlanAPStatsTotPktsAtHT15Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.31 |
| wlanAPStatsTotBytesAtHT15Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.32 |
| wlanAPStatsTotPktsAtHT19dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.33 |
| wlanAPStatsTotBytesAtHT19dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.34 |
| wlanAPStatsTotPktsAtHT26Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.35 |
| wlanAPStatsTotBytesAtHT26Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.36 |
| wlanAPStatsTotPktsAtHT27Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.37 |
| wlanAPStatsTotBytesAtHT27Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.38 |
| wlanAPStatsTotPktsAtHT30Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.39 |
| wlanAPStatsTotBytesAtHT30Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.40 |
| wlanAPStatsTotPktsAtHT39Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.41 |
| wlanAPStatsTotBytesAtHT39Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.42 |
| wlanAPStatsTotPktsAtHT40dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.43 |
| wlanAPStatsTotBytesAtHT40dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.44 |
| wlanAPStatsTotPktsAtHT45Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.45 |
| wlanAPStatsTotBytesAtHT45Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.46 |
| wlanAPStatsTotPktsAtHT52Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.47 |
| wlanAPStatsTotBytesAtHT52Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.48 |
| wlanAPStatsTotPktsAtHT54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.49 |
| wlanAPStatsTotBytesAtHT54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.50 |
| wlanAPStatsTotPktsAtHT58dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.51 |
| wlanAPStatsTotBytesAtHT58dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.52 |
| wlanAPStatsTotPktsAtHT60Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.53 |
| wlanAPStatsTotBytesAtHT60Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.54 |
| wlanAPStatsTotPktsAtHT65Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.55 |
| wlanAPStatsTotBytesAtHT65Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.56 |
| wlanAPStatsTotPktsAtHT78Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.57 |
| wlanAPStatsTotBytesAtHT78Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.58 |
| wlanAPStatsTotPktsAtHT81Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.59 |
| wlanAPStatsTotBytesAtHT81Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.60 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------------|---------------------------------------|
| wlanAPStatsTotPktsAtHT90Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.61 |
| wlanAPStatsTotBytesAtHT90Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.62 |
| wlanAPStatsTotPktsAtHT104Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.63 |
| wlanAPStatsTotBytesAtHT104Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.64 |
| wlanAPStatsTotPktsAtHT108Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.65 |
| wlanAPStatsTotBytesAtHT108Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.66 |
| wlanAPStatsTotPktsAtHT117Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.67 |
| wlanAPStatsTotBytesAtHT117Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.68 |
| wlanAPStatsTotPktsAtHT120Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.69 |
| wlanAPStatsTotBytesAtHT120Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.70 |
| wlanAPStatsTotPktsAtHT121dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.71 |
| wlanAPStatsTotBytesAtHT121dot5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.72 |
| wlanAPStatsTotPktsAtHT130Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.73 |
| wlanAPStatsTotBytesAtHT130Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.74 |
| wlanAPStatsTotPktsAtHT135Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.75 |
| wlanAPStatsTotBytesAtHT135Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.76 |
| wlanAPStatsTotPktsAtHT150Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.77 |
| wlanAPStatsTotBytesAtHT150Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.78 |
| wlanAPStatsTotPktsAtHT162Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.79 |
| wlanAPStatsTotBytesAtHT162Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.80 |
| wlanAPStatsTotPktsAtHT180Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.81 |
| wlanAPStatsTotBytesAtHT180Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.82 |
| wlanAPStatsTotPktsAtHT216Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.83 |
| lwlanAPStatsTotBytesAtHT216Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.84 |
| wlanAPStatsTotPktsAtHT240Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.85 |
| wlanAPStatsTotBytesAtHT240Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.86 |
| wlanAPStatsTotPktsAtHT243Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.87 |
| wlanAPStatsTotBytesAtHT243Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.88 |
| wlanAPStatsTotPktsAtHT270Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.89 |
| wlanAPStatsTotBytesAtHT270Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.90 |
| wlanAPStatsTotPktsAtHT300Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.91 |
| wlanAPStatsTotBytesAtHT300Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.92 |
| wlsxWlanAPDATypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3 |
| wlsxWlanAPDATypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------|---------------------------------------|
| wlanAPStatsTotDABroadcastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.1 |
| wlanAPStatsTotDABroadcastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.2 |
| wlanAPStatsTotDAMulticastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.3 |
| wlanAPStatsTotDAMulticastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.4 |
| wlanAPStatsTotDAUnicastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.5 |
| wlanAPStatsTotDAUnicastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.6 |
| wlsxWlanAPFrameTypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4 |
| wlsxWlanAPFrameTypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1 |
| wlanAPStatsTotMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.1 |
| wlanAPStatsTotMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.2 |
| wlanAPStatsTotCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.3 |
| wlanAPStatsTotCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.4 |
| wlanAPStatsTotDataPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.5 |
| wlanAPStatsTotDataBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.6 |
| wlsxWlanAPPktSizeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5 |
| wlsxWlanAPPktSizeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1 |
| wlanAPStatsPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.1 |
| wlanAPStatsPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.2 |
| wlanAPStatsPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.3 |
| wlanAPStatsPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.4 |
| wlanAPStatsPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.5 |
| wlanAPStatsPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.6 |
| wlsxWlanAPChStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6 |
| wlsxWlanAPChStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1 |
| wlanAPChannelNumber | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.1 |
| wlanAPChNumStations | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.2 |
| wlanAPChTotPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.3 |
| wlanAPChTotBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.4 |
| wlanAPChTotRetryPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.5 |
| wlanAPChTotFragmentedPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.6 |
| wlanAPChTotPhyErrPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.7 |
| wlanAPChTotMacErrPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.8 |
| wlanAPChNoise | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.9 |
| wlanAPChCoverageIndex | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.10 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------|---------------------------------------|
| wlanAPChInterferenceIndex | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.11 |
| wlanAPChFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.12 |
| wlanAPChFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.13 |
| wlanAPChFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.14 |
| wlanAPChFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.15 |
| wlanAPChFrameBandwidthRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.16 |
| wlanAPChFrameRetryErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.17 |
| wlanAPChBusyRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.18 |
| wlanAPChNumAPs | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.19 |
| wlanAPChFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.20 |
| wlsxWlanStationStatsGroup | .1.3.6.1.4.1.14823.2.2.1.5.3.2 |
| wlsxWlanStationStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1 |
| wlsxWlanStationStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1 |
| wlanStaChannelNum | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.1 |
| wlanStaTxPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.2 |
| wlanStaTxBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.3 |
| wlanStaRxPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.4 |
| wlanStaRxBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.5 |
| wlanStaTxBCastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.6 |
| wlanStaRxBCastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.7 |
| wlanStaTxMCastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.8 |
| wlanStaRxMCastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.9 |
| wlanStaDataPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.10 |
| wlanStaCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.11 |
| wlanStaNumAssocRequests | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.12 |
| wlanStaNumAuthRequests | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.13 |
| wlanStaTxDeauthentications | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.14 |
| wlanStaRxDeauthentications | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.15 |
| wlanStaFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.16 |
| wlanStaFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.17 |
| wlanStaFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.18 |
| wlanStaFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.19 |
| wlanStaFrameBandwidthRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.20 |
| wlanStaFrameRetryErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.21 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------|---------------------------------------|
| wlanStaFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.22 |
| wlanStaTxBCastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.23 |
| wlanStaTxMCastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.24 |
| wlsxWlanStaRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2 |
| wlsxWlanStaRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1 |
| wlanStaTxPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.1 |
| wlanStaTxBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.2 |
| wlanStaTxPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.3 |
| wlanStaTxBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.4 |
| wlanStaTxPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.5 |
| wlanStaTxBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.6 |
| wlanStaTxPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.7 |
| wlanStaTxBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.8 |
| wlanStaTxPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.9 |
| wlanStaTxBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.10 |
| wlanStaTxPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.11 |
| wlanStaTxBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.12 |
| wlanStaTxPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.13 |
| wlanStaTxBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.14 |
| wlanStaTxPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.15 |
| wlanStaTxBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.16 |
| wlanStaTxPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.17 |
| wlanStaTxBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.18 |
| wlanStaTxPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.19 |
| wlanStaTxBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.20 |
| wlanStaTxPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.21 |
| wlanStaTxBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.22 |
| wlanStaRxPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.23 |
| wlanStaRxBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.24 |
| wlanStaRxPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.25 |
| wlanStaRxBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.26 |
| wlanStaRxPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.27 |
| wlanStaRxBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.28 |
| wlanStaRxPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.29 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------|---------------------------------------|
| wlanStaRxBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.30 |
| wlanStaRxPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.31 |
| wlanStaRxBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.32 |
| wlanStaRxPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.33 |
| wlanStaRxBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.34 |
| wlanStaRxPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.35 |
| wlanStaRxBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.36 |
| wlanStaRxPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.37 |
| wlanStaRxBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.38 |
| wlanStaRxPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.39 |
| wlanStaRxBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.40 |
| wlanStaRxPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.41 |
| wlanStaRxBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.42 |
| wlanStaRxPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.43 |
| wlanStaRxBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.44 |
| wlanStaTxPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.45 |
| wlanStaTxBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.46 |
| wlanStaRxPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.47 |
| wlanStaRxBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.48 |
| wlsxWlanStaDATypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3 |
| wlsxWlanStaDATypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1 |
| wlanStaTxDABroadcastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.1 |
| wlanStaTxDABroadcastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.2 |
| wlanStaTxDAMulticastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.3 |
| wlanStaTxDAMulticastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.4 |
| wlanStaTxDAUnicastPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.5 |
| wlanStaTxDAUnicastBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.6 |
| wlsxWlanStaFrameTypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4 |
| wlsxWlanStaFrameTypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1 |
| wlanStaTxMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.1 |
| wlanStaTxMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.2 |
| wlanStaTxCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.3 |
| wlanStaTxCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.4 |
| wlanStaTxDataPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.5 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------|---------------------------------------|
| wlanStaTxDataBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.6 |
| wlanStaRxMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.7 |
| wlanStaRxMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.8 |
| wlanStaRxCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.9 |
| wlanStaRxCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.10 |
| wlanStaRxDataPkts | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.11 |
| wlanStaRxDataBytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.12 |
| wlsxWlanStaPktSizeStatsTable | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5 |
| wlsxWlanStaPktSizeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1 |
| wlanStaTxPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.1 |
| wlanStaTxPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.2 |
| wlanStaTxPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.3 |
| wlanStaTxPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.4 |
| wlanStaTxPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.5 |
| wlanStaTxPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.6 |
| wlanStaRxPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.7 |
| wlanStaRxPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.8 |
| wlanStaRxPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.9 |
| wlanStaRxPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.10 |
| wlanStaRxPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.11 |
| wlanStaRxPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.12 |
| wlsxMonMIB | .1.3.6.1.4.1.14823.2.2.1.6 |
| wlsxMonStatsGroup | .1.3.6.1.4.1.14823.2.2.1.6.6 |
| wlsxMonAccessPointStatsGroup | .1.3.6.1.4.1.14823.2.2.1.6.6.1 |
| wlsxMonAPStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1 |
| wlsxMonAPStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1 |
| monPhyAddress | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.1 |
| monRadioNumber | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.2 |
| monitoredApBSSID | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.3 |
| monPhyType | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.4 |
| monAPCurrentChannel | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.5 |
| monAPNumClients | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.6 |
| monAPTxBPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.7 |
| monAPTxBBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.8 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------|---------------------------------------|
| monAPRxPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.9 |
| monAPRxBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.10 |
| monAPTxDauthentication | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.11 |
| monAPRxDeauthentication | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.12 |
| monAPChannelThroughpu | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.13 |
| monAPFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.14 |
| monAPFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.15 |
| monAPFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.16 |
| monAPFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.17 |
| monAPFrameBandwidthRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.18 |
| monAPFrameRetryErrorRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.19 |
| monAPChannelErrorRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.20 |
| monAPESSID | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.21 |
| monAPRSSI | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.22 |
| monAPFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.23 |
| wlsxMonAPRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2 |
| wlsxMonAPRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1 |
| monAPStatsTotPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.1 |
| monAPStatsTotBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.2 |
| monAPStatsTotPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.3 |
| monAPStatsTotBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.4 |
| monAPStatsTotPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5 |
| monAPStatsTotBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.6 |
| monAPStatsTotPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.7 |
| monAPStatsTotBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.8 |
| monAPStatsTotPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.9 |
| monAPStatsTotBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.10 |
| monAPStatsTotPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.11 |
| monAPStatsTotBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.12 |
| monAPStatsTotPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.13 |
| monAPStatsTotBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.14 |
| monAPStatsTotPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.15 |
| monAPStatsTotBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.16 |
| monAPStatsTotPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.17 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-------------------------------|---------------------------------------|
| monAPStatsTotBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.18 |
| monAPStatsTotPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.19 |
| monAPStatsTotBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.20 |
| monAPStatsTotPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.21 |
| monAPStatsTotBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.22 |
| monAPStatsTotPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.23 |
| monAPStatsTotBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.24 |
| wlsxMonAPDTypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3 |
| wlsxMonAPDTypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1 |
| monAPStatsTotDABroadcastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.1 |
| monAPStatsTotDABroadcastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.2 |
| monAPStatsTotDAMulticastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.3 |
| monAPStatsTotDAMulticastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.4 |
| monAPStatsTotDAUnicastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.5 |
| monAPStatsTotDAUnicastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.6 |
| wlsxMonAPFrameTypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4 |
| wlsxMonAPFrameTypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1 |
| monAPStatsTotMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.1 |
| monAPStatsTotMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.2 |
| monAPStatsTotCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.3 |
| monAPStatsTotCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.4 |
| monAPStatsTotDataPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.5 |
| monAPStatsTotDataBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.6 |
| wlsxMonAPPktSizeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5 |
| wlsxMonAPPktSizeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1 |
| monAPStatsPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.1 |
| monAPStatsPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.2 |
| monAPStatsPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.3 |
| monAPStatsPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.4 |
| monAPStatsPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.5 |
| monAPStatsPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.6 |
| wlsxMonAPHTRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.1.6 |
| wlsxMonAPHTRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1 |
| monHTRate | .1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------|---------------------------------------|
| monAPStatsTotHTPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.2 |
| monAPStatsTotHTBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.3 |
| wlsxMonStationStatsGroup | .1.3.6.1.4.1.14823.2.2.1.6.6.2 |
| wlsxMonStationStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1 |
| wlsxMonStationStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1 |
| monitoredStaPhyAddress | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.1 |
| monStaChannelNum | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.2 |
| monStaTxPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.3 |
| monStaTxBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.4 |
| monStaRxPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.5 |
| monStaRxBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.6 |
| monStaTxBCastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.7 |
| monStaTxBCastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.8 |
| monStaTxMCastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.9 |
| monStaTxMCastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.10 |
| monStaDataPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.11 |
| monStaCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.12 |
| monStaNumAssocRequests | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.13 |
| monStaNumAuthRequests | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.14 |
| monStaTxDeauthentications | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.15 |
| monStaRxDeauthentications | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.16 |
| monStaFrameRetryRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.17 |
| monStaFrameLowSpeedRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.18 |
| monStaFrameNonUnicastRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.19 |
| monStaFrameFragmentationRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.20 |
| monStaFrameBandwidthRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.21 |
| monStaFrameRetryErrorRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.22 |
| monStaBSSID | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.23 |
| monStaESSID | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.24 |
| monStaPhyType | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.25 |
| monStaRSSI | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.26 |
| monStaFrameReceiveErrorRate | .1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.27 |
| wlsxMonStaRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2 |
| wlsxMonStaRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------|---------------------------------------|
| monStaTxPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.1 |
| monStaTxBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.2 |
| monStaTxPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.3 |
| monStaTxBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.4 |
| monStaTxPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.5 |
| monStaTxBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.6 |
| monStaTxPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.7 |
| monStaTxBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.8 |
| monStaTxPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.9 |
| monStaTxBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.10 |
| monStaTxPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.11 |
| monStaTxBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.12 |
| monStaTxPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.13 |
| monStaTxBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.14 |
| monStaTxPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.15 |
| monStaTxBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.16 |
| monStaTxPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.17 |
| monStaTxBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.18 |
| monStaTxPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.19 |
| monStaTxBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.20 |
| monStaTxPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.21 |
| monStaTxBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.22 |
| monStaRxPktsAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.23 |
| monStaRxBytesAt1Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.24 |
| monStaRxPktsAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.25 |
| monStaRxBytesAt2Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.26 |
| monStaRxPktsAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.27 |
| monStaRxBytesAt5Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.28 |
| monStaRxPktsAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.29 |
| monStaRxBytesAt11Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.30 |
| monStaRxPktsAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.31 |
| monStaRxBytesAt6Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.32 |
| monStaRxPktsAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.33 |
| monStaRxBytesAt12Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.34 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-------------------------------|---------------------------------------|
| monStaRxPktsAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.35 |
| monStaRxBytesAt18Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.36 |
| monStaRxPktsAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.37 |
| monStaRxBytesAt24Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.38 |
| monStaRxPktsAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.39 |
| monStaRxBytesAt36Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.40 |
| monStaRxPktsAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.41 |
| monStaRxBytesAt48Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.42 |
| monStaRxPktsAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.43 |
| monStaRxBytesAt54Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.44 |
| monStaTxPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.45 |
| monStaTxBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.46 |
| monStaRxPktsAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.47 |
| monStaRxBytesAt9Mbps | .1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.48 |
| wlsxMonStaDATypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3 |
| wlsxMonStaDATypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1 |
| monStaTxDABroadcastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.1 |
| monStaTxDABroadcastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.2 |
| monStaTxDAMulticastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.3 |
| monStaTxDAMulticastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.4 |
| monStaTxDAUnicastPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.5 |
| monStaTxDAUnicastBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.6 |
| wlsxMonStaFrameTypeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4 |
| wlsxMonStaFrameTypeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1 |
| monStaTxMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.1 |
| monStaTxMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.2 |
| monStaTxCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.3 |
| monStaTxCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.4 |
| monStaTxDataPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.5 |
| monStaTxDataBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.6 |
| monStaRxMgmtPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.7 |
| monStaRxMgmtBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.8 |
| monStaRxCtrlPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.9 |
| monStaRxCtrlBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.10 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------|---------------------------------------|
| monStaRxDataPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.11 |
| monStaRxDataBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.12 |
| wlsxMonStaPktSizeStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5 |
| wlsxMonStaPktSizeStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1 |
| monStaTxPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.1 |
| monStaTxPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.2 |
| monStaTxPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.3 |
| monStaTxPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.4 |
| monStaTxPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.5 |
| monStaTxPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.6 |
| monStaRxPkts63Bytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.7 |
| monStaRxPkts64To127 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.8 |
| monStaRxPkts128To255 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.9 |
| monStaRxPkts256To511 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.10 |
| monStaRxPkts512To1023 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.11 |
| monStaRxPkts1024To1518 | .1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.12 |
| wlsxMonEventCountTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.6 |
| wlsxMonEventCountEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1 |
| monEventID | .1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.1 |
| monEventCount | .1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.2 |
| wlsxMonStationHTRateStatsTable | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7 |
| wlsxMonStationHTRateStatsEntry | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1 |
| monStaTxHTPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.1 |
| monStaTxHTBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.2 |
| monStaRxHTPkts | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.3 |
| monStaRxHTBytes | .1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.4 |
| wlsxMonInfoGroup | .1.3.6.1.4.1.14823.2.2.1.6.7 |
| wlsxMonAccessPointInfoGroup | .1.3.6.1.4.1.14823.2.2.1.6.7.1 |
| wlsxMonAPInfoTable | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1 |
| wlsxMonAPInfoEntry | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1 |
| monAPInfoPhyType | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.1 |
| monAPInfoCurrentChannel | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.2 |
| monAPInfoClassification | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.3 |
| monAPInfoESSID | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.4 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------|---------------------------------------|
| monAPInfoRSSI | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.5 |
| monAPInfoMonitorTime | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.6 |
| monAPInfoInactivityTime | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.7 |
| monAPInfoSnrSignalPkts | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.8 |
| monAPInfoSnrSampleTime | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.9 |
| monAPInfoStatus | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.10 |
| monAPInfoConfidence | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.11 |
| monAPInfoMatchType | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.12 |
| monAPInfoMatchMethod | .1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.13 |
| wlsxMonStationInfoGroup | .1.3.6.1.4.1.14823.2.2.1.6.7.2 |
| wlsxMonStationInfoTable | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1 |
| wlsxMonStationInfoEntry | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1 |
| monStalInfoChannelNum | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.1 |
| monStalInfoBSSID | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.2 |
| monStalInfoESSID | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.3 |
| monStalInfoPhyType | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.4 |
| monStalInfoRSSI | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.5 |
| monStalInfoClassification | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.6 |
| monStalInfoMonitorTime | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.7 |
| monStalInfoInactivityTime | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.8 |
| monStalInfoSnrSignalPkts | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.9 |
| monStalInfoSnrSampleTime | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.10 |
| monStalInfoStatus | .1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.11 |
| wlsxSNRMIB | .1.3.6.1.4.1.14823.2.2.1.7 |
| wlsxSNRGroup | .1.3.6.1.4.1.14823.2.2.1.7.1 |
| wlsxAPSnrTable | .1.3.6.1.4.1.14823.2.2.1.7.1.1 |
| wlsxAPSnrEntry | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1 |
| apSnrAverageSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1.1 |
| apSnrSignalPkts | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1.2 |
| apSnrHighestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1.3 |
| apSnrLowestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1.4 |
| apSnrSampleTime | .1.3.6.1.4.1.14823.2.2.1.7.1.1.1.5 |
| wlsxStaSnrTable | .1.3.6.1.4.1.14823.2.2.1.7.1.2 |
| wlsxStaSnrEntry | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------------|-------------------------------------|
| staSnrAverageSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1.1 |
| staSnrSignalPkts | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1.2 |
| staSnrHighestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1.3 |
| staSnrLowestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1.4 |
| staSnrSampleTime | .1.3.6.1.4.1.14823.2.2.1.7.1.2.1.5 |
| wlsxAPSnrBSSIDTable | .1.3.6.1.4.1.14823.2.2.1.7.1.3 |
| wlsxAPSnrBSSIDEntry | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1 |
| apSnrBSSIDAverageSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1.1 |
| apSnrBSSIDSignalPkts | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1.2 |
| apSnrBSSIDHighestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1.3 |
| apSnrBSSIDLowestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1.4 |
| apSnrBSSIDSampleTime | .1.3.6.1.4.1.14823.2.2.1.7.1.3.1.5 |
| wlsxStaSnrPhyTable | .1.3.6.1.4.1.14823.2.2.1.7.1.4 |
| wlsxStaSnrPhyEntry | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1 |
| staSnrPhyAverageSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1.1 |
| staSnrPhySignalPkts | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1.2 |
| staSnrPhyHighestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1.3 |
| staSnrPhyLowestRxSignalStrength | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1.4 |
| staSnrPhySampleTime | .1.3.6.1.4.1.14823.2.2.1.7.1.4.1.5 |
| wlsxAuthMIB | .1.3.6.1.4.1.14823.2.2.1.8 |
| wlsxAuthenticationServerGroup | .1.3.6.1.4.1.14823.2.2.1.8.1 |
| wlsxAuthenticationServerTable | .1.3.6.1.4.1.14823.2.2.1.8.1.1 |
| wlsxAuthenticationServerEntry | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1 |
| authServerName | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.1 |
| authServerType | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.2 |
| authServerAddress | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.3 |
| authServerPort | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.4 |
| authServerRetryCount | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.5 |
| authServerTimeOutValue | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.6 |
| authServerState | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.7 |
| authServerInservice | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.8 |
| authServerUsageCount | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.9 |
| authServerSuccessfullAuths | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.10 |
| authServerFailedAuths | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.11 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-------------------------------|-------------------------------------|
| authServerTimeouts | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.12 |
| authServerAvgResponseTime | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.13 |
| authServerOutStandingRequests | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.14 |
| authServerUptime | .1.3.6.1.4.1.14823.2.2.1.8.1.1.1.15 |
| wlsxPortalServerTable | .1.3.6.1.4.1.14823.2.2.1.8.1.2 |
| wlsxPortalServerEntry | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1 |
| portalServerIndex | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1.1 |
| portalServerHost | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1.2 |
| portalServerPort | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1.3 |
| portalServerPage | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1.4 |
| portalServerProtocol | .1.3.6.1.4.1.14823.2.2.1.8.1.2.1.5 |
| wlsxLdapServerStateTable | .1.3.6.1.4.1.14823.2.2.1.8.1.5 |
| wlsxLdapServerStateEntry | .1.3.6.1.4.1.14823.2.2.1.8.1.5.1 |
| ldapLnitDone | .1.3.6.1.4.1.14823.2.2.1.8.1.5.1.1 |
| ldapAdminBound | .1.3.6.1.4.1.14823.2.2.1.8.1.5.1.2 |
| ldapReBindCount | .1.3.6.1.4.1.14823.2.2.1.8.1.5.1.3 |
| wlsxAuthenticationInfoGroup | .1.3.6.1.4.1.14823.2.2.1.8.2 |
| wlsxAuthenticationGroup | .1.3.6.1.4.1.14823.2.2.1.8.3 |
| wlsxMobilityMIB | .1.3.6.1.4.1.14823.2.2.1.9 |
| wlsxMobilityConfigGroup | .1.3.6.1.4.1.14823.2.2.1.9.1 |
| wlsxMobilityDomainTable | .1.3.6.1.4.1.14823.2.2.1.9.1.1 |
| wlsxMobilityDomainEntry | .1.3.6.1.4.1.14823.2.2.1.9.1.1.1 |
| mobilityDomainName | .1.3.6.1.4.1.14823.2.2.1.9.1.1.1.1 |
| mobilityDomainIsExclusive | .1.3.6.1.4.1.14823.2.2.1.9.1.1.1.2 |
| mobilityDomainStatus | .1.3.6.1.4.1.14823.2.2.1.9.1.1.1.3 |
| wlsxMobilityHomeAgentTable | .1.3.6.1.4.1.14823.2.2.1.9.1.3 |
| wlsxMobilityHomeAgentEntry | .1.3.6.1.4.1.14823.2.2.1.9.1.3.1 |
| mobilityHomeAgentSubnet | .1.3.6.1.4.1.14823.2.2.1.9.1.3.1.1 |
| mobilityHomeAgentMask | .1.3.6.1.4.1.14823.2.2.1.9.1.3.1.2 |
| mobilityHomeAgentIp | .1.3.6.1.4.1.14823.2.2.1.9.1.3.1.3 |
| mobilityHomeAgentVlan | .1.3.6.1.4.1.14823.2.2.1.9.1.3.1.4 |
| wlsxMobilityHostTable | .1.3.6.1.4.1.14823.2.2.1.9.1.4 |
| wlsxMobilityHostEntry | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1 |
| mobilityHostMac | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.1 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------------|------------------------------------|
| mobilityHostIp | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.2 |
| mobilityHostStatus | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.3 |
| mobilityHostServiceTime | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.4 |
| mobilityHostHomeVlan | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.5 |
| mobilityHostHomeNetwork | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.6 |
| mobilityHostHomeMask | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.7 |
| mobilityHostDhcpInfo | .1.3.6.1.4.1.14823.2.2.1.9.1.4.1.8 |
| wlsxMobilityProxyStatsGroup | .1.3.6.1.4.1.14823.2.2.1.9.2 |
| mobilityProxyPktRx | .1.3.6.1.4.1.14823.2.2.1.9.2.1 |
| mobilityProxyPktHandled | .1.3.6.1.4.1.14823.2.2.1.9.2.2 |
| mobilityProxyPktFwd | .1.3.6.1.4.1.14823.2.2.1.9.2.3 |
| mobilityProxyPktDrop | .1.3.6.1.4.1.14823.2.2.1.9.2.4 |
| mobilityProxyBusy | .1.3.6.1.4.1.14823.2.2.1.9.2.5 |
| mobilityProxyNoMobility | .1.3.6.1.4.1.14823.2.2.1.9.2.6 |
| mobilityProxyClientIPChg | .1.3.6.1.4.1.14823.2.2.1.9.2.7 |
| mobilityProxyClientEssidChg | .1.3.6.1.4.1.14823.2.2.1.9.2.8 |
| wlsxMobilityProxyDHCPStatsGroup | .1.3.6.1.4.1.14823.2.2.1.9.3 |
| mobilityProxyDhcpBootpRx | .1.3.6.1.4.1.14823.2.2.1.9.3.1 |
| mobilityProxyDhcpPktProc | .1.3.6.1.4.1.14823.2.2.1.9.3.2 |
| mobilityProxyDhcpPktFwd | .1.3.6.1.4.1.14823.2.2.1.9.3.3 |
| mobilityProxyDhcpPktDrop | .1.3.6.1.4.1.14823.2.2.1.9.3.4 |
| mobilityProxyDHCPNak | .1.3.6.1.4.1.14823.2.2.1.9.3.5 |
| mobilityProxyBadDHCPPkt | .1.3.6.1.4.1.14823.2.2.1.9.3.6 |
| mobilityProxyNotDHCP | .1.3.6.1.4.1.14823.2.2.1.9.3.7 |
| mobilityProxyDHCPNoHomeVlan | .1.3.6.1.4.1.14823.2.2.1.9.3.8 |
| mobilityProxyDHCPUnexpFrame | .1.3.6.1.4.1.14823.2.2.1.9.3.9 |
| mobilityProxyDHCPUnexpRemote | .1.3.6.1.4.1.14823.2.2.1.9.3.10 |
| wlsxMobilityHASStatsGroup | .1.3.6.1.4.1.14823.2.2.1.9.4 |
| mobilityHARxRRQ | .1.3.6.1.4.1.14823.2.2.1.9.4.1 |
| mobilityHASentRRP | .1.3.6.1.4.1.14823.2.2.1.9.4.2 |
| mobilityHARRQAccept | .1.3.6.1.4.1.14823.2.2.1.9.4.3 |
| mobilityHARRQDenied | .1.3.6.1.4.1.14823.2.2.1.9.4.4 |
| mobilityHARRQIgnore | .1.3.6.1.4.1.14823.2.2.1.9.4.5 |
| mobilityHARRQAdminDeny | .1.3.6.1.4.1.14823.2.2.1.9.4.6 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------------------|-------------------------------------|
| mobilityHARRQNoResource | .1.3.6.1.4.1.14823.2.2.1.9.4.7 |
| mobilityHAMNauthFail | .1.3.6.1.4.1.14823.2.2.1.9.4.8 |
| mobilityHAFAauthFail | .1.3.6.1.4.1.14823.2.2.1.9.4.9 |
| mobilityHABadID | .1.3.6.1.4.1.14823.2.2.1.9.4.10 |
| mobilityHAMalform | .1.3.6.1.4.1.14823.2.2.1.9.4.11 |
| mobilityHATooManyBnd | .1.3.6.1.4.1.14823.2.2.1.9.4.12 |
| mobilityHABndExpire | .1.3.6.1.4.1.14823.2.2.1.9.4.13 |
| wlsxMobilityFAStatsGroup | .1.3.6.1.4.1.14823.2.2.1.9.5 |
| mobilityFASentRRQ | .1.3.6.1.4.1.14823.2.2.1.9.5.1 |
| mobilityFARcvRRP | .1.3.6.1.4.1.14823.2.2.1.9.5.2 |
| mobilityFARRQAccept | .1.3.6.1.4.1.14823.2.2.1.9.5.3 |
| mobilityFARRQReject | .1.3.6.1.4.1.14823.2.2.1.9.5.4 |
| mobilityMNHAauthFAIL | .1.3.6.1.4.1.14823.2.2.1.9.5.5 |
| mobilityFAHAauthFAIL | .1.3.6.1.4.1.14823.2.2.1.9.5.6 |
| mobilityFABadID | .1.3.6.1.4.1.14823.2.2.1.9.5.7 |
| mobilityFAMalform | .1.3.6.1.4.1.14823.2.2.1.9.5.8 |
| wlsxMobilityHAFARevocationStatsGroup | .1.3.6.1.4.1.14823.2.2.1.9.6 |
| mobilitySentRRVRQ | .1.3.6.1.4.1.14823.2.2.1.9.6.1 |
| mobilityRcvRRVAck | .1.3.6.1.4.1.14823.2.2.1.9.6.2 |
| mobilityRcvRRV | .1.3.6.1.4.1.14823.2.2.1.9.6.3 |
| mobilitySentRRVAck | .1.3.6.1.4.1.14823.2.2.1.9.6.4 |
| mobilityRRVRQIgnore | .1.3.6.1.4.1.14823.2.2.1.9.6.5 |
| mobilityRRVAckIgnore | .1.3.6.1.4.1.14823.2.2.1.9.6.6 |
| wlsxESIMIB | .1.3.6.1.4.1.14823.2.2.1.10 |
| wlsxESIConfigGroup | .1.3.6.1.4.1.14823.2.2.1.10.1 |
| wlsxESIServerTable | .1.3.6.1.4.1.14823.2.2.1.10.1.1 |
| wlsxESIServerEntry | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1 |
| esiServerName | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.1 |
| esiServerGroup | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.2 |
| esiServerMode | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.3 |
| esiServerTrustedIP | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.4 |
| esiServerUntrustedIP | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.5 |
| esiServerTrustedSlot | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.6 |
| esiServerTrustedPort | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.7 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------|--|
| esiServerUntrustedSlo | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.8 |
| esiServerUntrustedPor | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.9 |
| esiServerStatus | .1.3.6.1.4.1.14823.2.2.1.10.1.1.1.10 |
| wlsxCtsMIB | .1.3.6.1.4.1.14823.2.2.1.11 |
| wlsxCtsOpGroup | .1.3.6.1.4.1.14823.2.2.1.11.1 |
| wlsxCtsRequestTable | .1.3.6.1.4.1.14823.2.2.1.11.1.1 |
| wlsxCtsRequestEntry | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1 |
| wlsxCtsIndex | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1 |
| wlsxCtsOpcode | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.2 |
| wlsxCtsCookie | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.3 |
| wlsxCtsURL | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.4 |
| wlsxCtsFlags | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.5 |
| wlsxCtsStatus | .1.3.6.1.4.1.14823.2.2.1.11.1.1.1.6 |
| wlsxVoiceMIB | .1.3.6.1.4.1.14823.2.2.1.12 |
| wlsxVoiceStatsGroup | .1.3.6.1.4.1.14823.2.2.1.12.1 |
| wlsxVoiceCdrInfoGroup | .1.3.6.1.4.1.14823.2.2.1.12.1.1 |
| wlsxVoiceCdrTotal | .1.3.6.1.4.1.14823.2.2.1.12.1.1.1 |
| wlsxVoiceCdrTable | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2 |
| wlsxVoiceCdrEntry | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1 |
| voiceCdrId | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.1 |
| voiceCdrIp | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.2 |
| voiceCdrMac | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.3 |
| voiceCdrName | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.4 |
| voiceCdrDialNum | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.5 |
| voiceCdrDir | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.6 |
| voiceCdrOrigTime | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.7 |
| voiceCdrSetupTime | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.8 |
| voiceCdrTeardownTime | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.9 |
| voiceCdrStatus | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.10 |
| voiceCdrReason | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.11 |
| voiceCdrDuration | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.12 |
| voiceCdrRValue | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.13 |
| voiceCdrApSwitchDelay | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.14 |
| voiceCdrCodec | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.15 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--------------------------|--|
| voiceCdrApName | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.16 |
| voiceCdrApMac | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.17 |
| voiceCdrBssid | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.18 |
| voiceCdrEssid | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.19 |
| voiceCdrHandovers | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.20 |
| voiceCdrMOS | .1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.21 |
| wlsxVoiceCallCtrsGroup | .1.3.6.1.4.1.14823.2.2.1.12.1.2 |
| voiceCallCtrsTotal | .1.3.6.1.4.1.14823.2.2.1.12.1.2.1 |
| voiceCallCtrsSuccess | .1.3.6.1.4.1.14823.2.2.1.12.1.2.2 |
| voiceCallCtrsFailed | .1.3.6.1.4.1.14823.2.2.1.12.1.2.3 |
| voiceCallCtrsRejected | .1.3.6.1.4.1.14823.2.2.1.12.1.2.4 |
| voiceCallCtrsAborted | .1.3.6.1.4.1.14823.2.2.1.12.1.2.5 |
| voiceCallCtrsOrig | .1.3.6.1.4.1.14823.2.2.1.12.1.2.6 |
| voiceCallCtrsRecvd | .1.3.6.1.4.1.14823.2.2.1.12.1.2.7 |
| voiceCallCtrsActive | .1.3.6.1.4.1.14823.2.2.1.12.1.2.8 |
| voiceCallCtrsNotFnd | .1.3.6.1.4.1.14823.2.2.1.12.1.2.9 |
| voiceCallCtrsBusy | .1.3.6.1.4.1.14823.2.2.1.12.1.2.10 |
| voiceCallCtrsSvc | .1.3.6.1.4.1.14823.2.2.1.12.1.2.11 |
| voiceCallCtrsReqTerm | .1.3.6.1.4.1.14823.2.2.1.12.1.2.12 |
| voiceCallCtrsDecline | .1.3.6.1.4.1.14823.2.2.1.12.1.2.13 |
| voiceCallCtrsUnauth | .1.3.6.1.4.1.14823.2.2.1.12.1.2.14 |
| voiceCallCtrsMisc | .1.3.6.1.4.1.14823.2.2.1.12.1.2.15 |
| wlsxVoiceClientInfoGroup | .1.3.6.1.4.1.14823.2.2.1.12.1.3 |
| wlsxVoiceClientTotal | .1.3.6.1.4.1.14823.2.2.1.12.1.3.1 |
| wlsxVoiceClientTable | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2 |
| wlsxVoiceClientEntry | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1 |
| voiceClientIp | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.1 |
| voiceClientProtocol | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.2 |
| voiceClientRegState | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.3 |
| voiceClientContactName | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.4 |
| voiceClientServerName | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.5 |
| voiceClientEssid | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.6 |
| voiceClientVlanId | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.7 |
| voiceClientTunnelId | .1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.8 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-----------------------------|--|
| wlsxVoiceAPBssidInfoGroup | .1.3.6.1.4.1.14823.2.2.1.12.1.4 |
| wlsxVoiceAPBssidTotal | .1.3.6.1.4.1.14823.2.2.1.12.1.4.1 |
| wlsxVoiceAPBssidTable | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2 |
| wlsxVoiceAPBssidEntry | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1 |
| voiceAPBssidName | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.1 |
| voiceAPBssidGroup | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.2 |
| voiceAPBssidIp | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.3 |
| voiceAPBssidTotCalls | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.4 |
| voiceAPBssidVoiceType | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.5 |
| voiceAPBssidFlag | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.6 |
| voiceAPBssidUpTime | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.7 |
| voiceAPBssid100Sent | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.8 |
| voiceAPBssid503Sent | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.9 |
| voiceAPBssidExtraCallDisc | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.10 |
| voiceAPBssidKickedOff | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.11 |
| voiceAPBssidTspecDenied | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.12 |
| voiceAPBssidCacFlag | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.13 |
| voiceAPBssidTotVoiceClients | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.14 |
| voiceAPBssidCallsSCCP | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.15 |
| voiceAPBssidCallsSIP | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.16 |
| voiceAPBssidCallsSVP | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.17 |
| voiceAPBssidCallsVocera | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.18 |
| voiceAPBssidCallsNoe | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.19 |
| voiceAPBssidEssid | .1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.20 |
| wlsxMeshMIB | .1.3.6.1.4.1.14823.2.2.1.13 |
| wlsxMeshInfoGroup | .1.3.6.1.4.1.14823.2.2.1.13.1 |
| wlsxMeshPointGroup | .1.3.6.1.4.1.14823.2.2.1.13.1.1 |
| wlsxMeshPointTotal | .1.3.6.1.4.1.14823.2.2.1.13.1.1.1 |
| wlsxMeshPointTable | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2 |
| wlsxMeshPointEntry | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1 |
| wlsxMeshRole | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.1 |
| wlsxMeshPointParent | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.2 |
| wlsxMeshPointChildrenCount | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.3 |
| wlsxMeshPointLongitude | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.4 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|-------------------------------|---------------------------------------|
| wlsxMeshPointLatitude | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.5 |
| wlsxMeshPointDirection | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.6 |
| wlsxMeshPointAngle | .1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.7 |
| wlsxMeshClusterGroup | .1.3.6.1.4.1.14823.2.2.1.13.1.2 |
| wlsxMeshClusterTotal | .1.3.6.1.4.1.14823.2.2.1.13.1.2.1 |
| wlsxMeshClusterTable | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2 |
| wlsxMeshClusterEntry | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1 |
| wlsxMeshClusterName | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.1 |
| wlsxMeshClusterSsid | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.2 |
| wlsxMeshClusterRfBand | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.3 |
| wlsxMeshClusterRfEncryption | .1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.4 |
| wlsxMeshTopologyGroup | .1.3.6.1.4.1.14823.2.2.1.13.1.3 |
| wlsxMeshTopologyTotal | .1.3.6.1.4.1.14823.2.2.1.13.1.3.1 |
| wlsxMeshTopologyTable | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2 |
| wlsxMeshTopologyEntry | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1 |
| wlanAPMeshRole | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.1 |
| wlsxMeshTopologyParen | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.2 |
| wlsxMeshTopologyPathCost | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.3 |
| wlsxMeshTopologyNodeCost | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.4 |
| wlsxMeshTopologyLinkCost | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.5 |
| wlsxMeshTopologyHopCost | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.6 |
| wlsxMeshTopologyUptime | .1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.7 |
| wlsxUser6MIB | .1.3.6.1.4.1.14823.2.2.1.14 |
| wlsxUser6AllInfoGroup | .1.3.6.1.4.1.14823.2.2.1.14.1 |
| wlsxTotalNumOfUsers6 | .1.3.6.1.4.1.14823.2.2.1.14.1.1 |
| wlsxUser6Table | .1.3.6.1.4.1.14823.2.2.1.14.2 |
| wlsxUser6Entry | .1.3.6.1.4.1.14823.2.2.1.14.2.1 |
| nUser6PhyAddress | .1.3.6.1.4.1.14823.2.2.1.14.2.1.1 |
| nUser6IpAddress | .1.3.6.1.4.1.14823.2.2.1.14.2.1.2 |
| nUser6Name | .1.3.6.1.4.1.14823.2.2.1.14.2.1.3 |
| nUser6Role | .1.3.6.1.4.1.14823.2.2.1.14.2.1.4 |
| nUser6UpTime | .1.3.6.1.4.1.14823.2.2.1.14.2.1.5 |
| nUser6AuthenticationMethod | .1.3.6.1.4.1.14823.2.2.1.14.2.1.6 |
| nUser6SubAuthenticationMethod | .1.3.6.1.4.1.14823.2.2.1.14.2.1.7 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------|------------------------------------|
| nUser6AuthServerName | .1.3.6.1.4.1.14823.2.2.1.14.2.1.8 |
| nUser6ExtVPNAddress | .1.3.6.1.4.1.14823.2.2.1.14.2.1.9 |
| nUser6ApLocation | .1.3.6.1.4.1.14823.2.2.1.14.2.1.10 |
| nUser6ApBSSID | .1.3.6.1.4.1.14823.2.2.1.14.2.1.11 |
| nUser6IsOnHomeAgent | .1.3.6.1.4.1.14823.2.2.1.14.2.1.12 |
| nUser6HomeAgentIpAddress | .1.3.6.1.4.1.14823.2.2.1.14.2.1.13 |
| nUser6MobilityStatus | .1.3.6.1.4.1.14823.2.2.1.14.2.1.14 |
| nUser6HomeVlan | .1.3.6.1.4.1.14823.2.2.1.14.2.1.15 |
| nUser6DefaultVlan | .1.3.6.1.4.1.14823.2.2.1.14.2.1.16 |
| nUser6AssignedVlan | .1.3.6.1.4.1.14823.2.2.1.14.2.1.17 |
| nUser6BWContractName | .1.3.6.1.4.1.14823.2.2.1.14.2.1.18 |
| nUser6BWContractUsage | .1.3.6.1.4.1.14823.2.2.1.14.2.1.19 |
| nUser6BWContractId | .1.3.6.1.4.1.14823.2.2.1.14.2.1.20 |
| nUser6IsProxyArpEnabled | .1.3.6.1.4.1.14823.2.2.1.14.2.1.21 |
| nUser6CurrentVlan | .1.3.6.1.4.1.14823.2.2.1.14.2.1.22 |
| nUser6IsWired | .1.3.6.1.4.1.14823.2.2.1.14.2.1.23 |
| nUser6ConnectedSlot | .1.3.6.1.4.1.14823.2.2.1.14.2.1.24 |
| nUser6ConnectedPort | .1.3.6.1.4.1.14823.2.2.1.14.2.1.25 |
| nUser6PhyType | .1.3.6.1.4.1.14823.2.2.1.14.2.1.26 |
| nUser6MobilityDomainName | .1.3.6.1.4.1.14823.2.2.1.14.2.1.27 |
| nUser6UPBWContractName | .1.3.6.1.4.1.14823.2.2.1.14.2.1.28 |
| nUser6UPBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.14.2.1.29 |
| nUser6UPBWContractId | .1.3.6.1.4.1.14823.2.2.1.14.2.1.30 |
| nUser6DNBWContractName | .1.3.6.1.4.1.14823.2.2.1.14.2.1.31 |
| nUser6DNBWContractUsage | .1.3.6.1.4.1.14823.2.2.1.14.2.1.32 |
| nUser6DNBWContractId | .1.3.6.1.4.1.14823.2.2.1.14.2.1.33 |
| nUser6HTMode | .1.3.6.1.4.1.14823.2.2.1.14.2.1.34 |
| wlsxUser6SessionTimeTable | .1.3.6.1.4.1.14823.2.2.1.14.3 |
| wlsxUser6SessionTimeEntry | .1.3.6.1.4.1.14823.2.2.1.14.3.1 |
| wlsxUser6SessionTimeLength | .1.3.6.1.4.1.14823.2.2.1.14.3.1.1 |
| wlsxUser6SessionTimeCount | .1.3.6.1.4.1.14823.2.2.1.14.3.1.2 |
| | |
| | |
| | |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---------------------------|------------------------------------|
| arubaAp | .1.3.6.1.4.1.14823.2.3 |
| wlsrEnterpriseMibModules | .1.3.6.1.4.1.14823.2.3.1 |
| wlsrTrapMIB | .1.3.6.1.4.1.14823.2.3.1.11 |
| wlsxTrapsGroup | .1.3.6.1.4.1.14823.2.3.1.11.1 |
| wlsxTrapObjectsGroup | .1.3.6.1.4.1.14823.2.3.1.11.1.1 |
| wlsxTrapAPMacAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.1 |
| wlsxTrapAPIpAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.2 |
| wlsxTrapAPBSSID | .1.3.6.1.4.1.14823.2.3.1.11.1.1.3 |
| wlsxTrapEssid | .1.3.6.1.4.1.14823.2.3.1.11.1.1.4 |
| wlsxTrapTargetAPBSSID | .1.3.6.1.4.1.14823.2.3.1.11.1.1.5 |
| wlsxTrapTargetAPSSID | .1.3.6.1.4.1.14823.2.3.1.11.1.1.6 |
| wlsxTrapTargetAPChannel | .1.3.6.1.4.1.14823.2.3.1.11.1.1.7 |
| wlsxTrapNodeMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.8 |
| wlsxTrapSourceMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.9 |
| wlsxReceiverMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.10 |
| wlsxTrapTransmitterMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.11 |
| wlsxTrapReceiverMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.12 |
| wlsxTrapSnr | .1.3.6.1.4.1.14823.2.3.1.11.1.1.13 |
| wlsxTrapSignatureName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.14 |
| wlsxTrapFrameType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.15 |
| wlsxTrapAddressType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.16 |
| wlsxTrapAPLocation | .1.3.6.1.4.1.14823.2.3.1.11.1.1.17 |
| wlsxTrapAPChannel | .1.3.6.1.4.1.14823.2.3.1.11.1.1.18 |
| wlsxTrapAPTxPower | .1.3.6.1.4.1.14823.2.3.1.11.1.1.19 |
| wlsxTrapMatchedMac | .1.3.6.1.4.1.14823.2.3.1.11.1.1.20 |
| wlsxTrapMatchedIp | .1.3.6.1.4.1.14823.2.3.1.11.1.1.21 |
| wlsxTrapRogueIfoURL | .1.3.6.1.4.1.14823.2.3.1.11.1.1.22 |
| wlsxTrapVlanId | .1.3.6.1.4.1.14823.2.3.1.11.1.1.23 |
| wlsxTrapAdminStatus | .1.3.6.1.4.1.14823.2.3.1.11.1.1.24 |
| wlsxTrapOperStatus | .1.3.6.1.4.1.14823.2.3.1.11.1.1.25 |
| wlsxTrapAuthServerName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.26 |
| wlsxTrapAuthServerTimeout | .1.3.6.1.4.1.14823.2.3.1.11.1.1.27 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|----------------------------------|------------------------------------|
| wlsxTrapCardSlot | .1.3.6.1.4.1.14823.2.3.1.11.1.1.28 |
| wlsxTrapTemperatureValue | .1.3.6.1.4.1.14823.2.3.1.11.1.1.29 |
| wlsxTrapProcessName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.30 |
| wlsxTrapFanNumber | .1.3.6.1.4.1.14823.2.3.1.11.1.1.31 |
| wlsxTrapVoltageType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.32 |
| wlsxTrapVoltageValue | .1.3.6.1.4.1.14823.2.3.1.11.1.1.33 |
| wlsxTrapStationBlackListReason | .1.3.6.1.4.1.14823.2.3.1.11.1.1.34 |
| wlsxTrapSpoofedIpAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.35 |
| wlsxTrapSpoofedOldPhyAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.36 |
| wlsxTrapSpoofedNewPhyAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.37 |
| wlsxTrapDBName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.38 |
| wlsxTrapDBUserName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.39 |
| wlsxTrapDBIpAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.40 |
| wlsxTrapDBType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.41 |
| wlsxTrapVrrpID | .1.3.6.1.4.1.14823.2.3.1.11.1.1.42 |
| wlsxTrapVrrpMasterIp | .1.3.6.1.4.1.14823.2.3.1.11.1.1.43 |
| wlsxTrapVrrpOperState | .1.3.6.1.4.1.14823.2.3.1.11.1.1.44 |
| wlsxTrapESIServerGrpName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.45 |
| wlsxTrapESIServerName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.46 |
| wlsxTrapESIServerIpAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.47 |
| wlsxTrapLicenseDaysRemaining | .1.3.6.1.4.1.14823.2.3.1.11.1.1.48 |
| wlsxTrapSwitchIp | .1.3.6.1.4.1.14823.2.3.1.11.1.1.49 |
| wlsxTrapSwitchRole | .1.3.6.1.4.1.14823.2.3.1.11.1.1.50 |
| wlsxTrapUserIpAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.51 |
| wlsxTrapUserPhyAddress | .1.3.6.1.4.1.14823.2.3.1.11.1.1.52 |
| wlsxTrapUserName | .1.3.6.1.4.1.14823.2.3.1.11.1.1.53 |
| wlsxTrapUserRole | .1.3.6.1.4.1.14823.2.3.1.11.1.1.54 |
| wlsxTrapUserAuthenticationMethod | .1.3.6.1.4.1.14823.2.3.1.11.1.1.55 |
| wlsxTrapAPRadioNumber | .1.3.6.1.4.1.14823.2.3.1.11.1.1.56 |
| wlsxTrapRogueInfoURL | .1.3.6.1.4.1.14823.2.3.1.11.1.1.57 |
| wlsxTrapInterferingAPIInfoURL | .1.3.6.1.4.1.14823.2.3.1.11.1.1.58 |
| wlsxTrapPortNumber | .1.3.6.1.4.1.14823.2.3.1.11.1.1.59 |
| wlsxTrapTime | .1.3.6.1.4.1.14823.2.3.1.11.1.1.60 |
| wlsxTrapHostIp | .1.3.6.1.4.1.14823.2.3.1.11.1.1.61 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------|--------------------------------------|
| wlsxTrapHostPort | .1.3.6.1.4.1.14823.2.3.1.11.1.1.62 |
| wlsxTrapConfigurationId | .1.3.6.1.4.1.14823.2.3.1.11.1.1.63 |
| wlsxTrapCTSURL | .1.3.6.1.4.1.14823.2.3.1.11.1.1.64 |
| wlsxTrapCTSTransferType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.65 |
| wlsxTrapConfigurationState | .1.3.6.1.4.1.14823.2.3.1.11.1.1.66 |
| wlsxTrapUpdateFailureReason | .1.3.6.1.4.1.14823.2.3.1.11.1.1.67 |
| wlsxTrapUpdateFailedObj | .1.3.6.1.4.1.14823.2.3.1.11.1.1.68 |
| wlsxTrapTableEntryChangeType | .1.3.6.1.4.1.14823.2.3.1.11.1.1.69 |
| wlsxTrapGlobalConfigObj | .1.3.6.1.4.1.14823.2.3.1.11.1.1.70 |
| wlsxTrapTableGenNumber | .1.3.6.1.4.1.14823.2.3.1.11.1.1.71 |
| wlsxTrapLicenseId | .1.3.6.1.4.1.14823.2.3.1.11.1.1.72 |
| wlsxTrapConfidenceLevel | .1.3.6.1.4.1.14823.2.3.1.11.1.1.73 |
| wlsxTrapMissingLicenses | .1.3.6.1.4.1.14823.2.3.1.11.1.1.74 |
| wlsxVoiceCurrentNumCdr | .1.3.6.1.4.1.14823.2.3.1.11.1.1.75 |
| wlsxTrapTunnelId | .1.3.6.1.4.1.14823.2.3.1.11.1.1.76 |
| wlsxTrapTunnelStatus | .1.3.6.1.4.1.14823.2.3.1.11.1.1.77 |
| wlsxTrapTunnelUpReason | .1.3.6.1.4.1.14823.2.3.1.11.1.1.78 |
| wlsxTrapTunnelDownReason | .1.3.6.1.4.1.14823.2.3.1.11.1.1.79 |
| wlsxTrapApSerialNumber | 1.3.6.1.4.1.14823.2.3.1.11.1.1.80 |
| wlsxTrapTimeStr | 1.3.6.1.4.1.14823.2.3.1.11.1.1.81 |
| wlsxTrapDefinitionsGroup | .1.3.6.1.4.1.14823.2.3.1.11.1.2 |
| wlsxVlanLinkUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1000 |
| wlsxVlanLinkDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1001 |
| wlsxSignatureMatch | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1002 |
| wlsxNodeRateAnomaly | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1003 |
| wlsxNormalTemperature | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1004 |
| wlsxProcessRestart | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1005 |
| wlsxFlashSpaceOK | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1006 |
| wlsxMemoryUsageOK | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1007 |
| wlsxPowerSupplyOK | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1008 |
| wlsxFanOK | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1009 |
| wlsxInRangeVoltage | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1010 |
| wlsxCoverageHoleResolved | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1011 |
| wlsxNSwitchIPChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1012 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|--|--------------------------------------|
| wlsxNSwitchRoleChange | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1013 |
| wlsxNUserEntryCreated | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1014 |
| wlsxNUserEntryDeleted | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1015 |
| wlsxNUserEntryAuthenticated | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1016 |
| wlsxNUserEntryDeAuthenticated | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1017 |
| wlsxNUserAuthenticationFailed | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1018 |
| wlsxNAuthServerReqTimedOut | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1019 |
| wlsxNAuthServerTimedOut | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1020 |
| wlsxNAuthServerIsUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1021 |
| wlsxNAuthMaxUserEntries | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1022 |
| wlsxNAuthMaxAclEntries | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1023 |
| wlsxNAuthMaxBWContracts | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1024 |
| wlsxNPowerSupplyFailure | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1025 |
| wlsxNFanFailure | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1026 |
| wlsxNOutOfRangeVoltage | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1027 |
| wlsxNOutOfRangeTemperature | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1028 |
| wlsxNLCInserted | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1029 |
| wlsxNSCInserted | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1030 |
| wlsxNGBICInserted | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1031 |
| wlsxNProcessDied | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1032 |
| wlsxNProcessExceedsMemoryLimits (deprecated) | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1033 |
| wlsxNLowOnFlashSpace | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1034 |
| wlsxNLowMemory | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1035 |
| wlsxNFanTrayRemoved | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1036 |
| wlsxNFanTrayInserted | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1037 |
| wlsxNLCTriggered | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1038 |
| wlsxNPowerSupplyMissing | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1039 |
| wlsxNAccessPointIsUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1040 |
| wlsxNAccessPointIsDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1041 |
| wlsxNCoverageHoleDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1042 |
| wlsxNChannelChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1043 |
| wlsxNStationAddedToBlackList | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1044 |
| wlsxNStationRemovedFromBlackList | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1045 |
| wlsxNIpSpoofingDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1046 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------------|--------------------------------------|
| wlsxNDBCommunicationFailure | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1047 |
| wlsxNVrrpStateChange | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1048 |
| wlsxNRadioAttributesChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1049 |
| wlsxNESIServerUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1050 |
| wlsxNESIServerDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1051 |
| wlsxNLicenseExpiry | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1052 |
| wlsxUnsecureAPDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1053 |
| wlsxUnsecureAPResolved | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1054 |
| wlsxStalmpersonation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1055 |
| wlsxReservedChannelViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1056 |
| wlsxValidSSIDViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1057 |
| wlsxChannelMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1058 |
| wlsxOUIMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1059 |
| wlsxSSIDMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1060 |
| wlsxShortPreableMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1061 |
| wlsxWPAMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1062 |
| wlsxAdhocNetworkDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1063 |
| wlsxAdhocNetworkRemoved | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1064 |
| wlsxStaPolicyViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1065 |
| wlsxRepeatWEPIVViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1066 |
| wlsxWeakWEPIVViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1067 |
| wlsxChannelInterferenceDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1068 |
| wlsxChannelInterferenceCleared | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1069 |
| wlsxAPInterferenceDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1070 |
| wlsxAPInterferenceCleared | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1071 |
| wlsxStaInterferenceDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1072 |
| wlsxStaInterferenceCleared | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1073 |
| wlsxFrameRetryRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1074 |
| wlsxFrameReceiveErrorRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1075 |
| wlsxFrameFragmentationRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1076 |
| wlsxFrameBandWidthRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1077 |
| wlsxFrameLowSpeedRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1078 |
| wlsxFrameNonUnicastRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1079 |
| wlsxLoadbalancingEnabled | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1080 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---|--------------------------------------|
| wlsxLoadbalancingDisabled | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1081 |
| wlsxChannelFrameRetryRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1082 |
| wlsxChannelFrameFragmentationRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1083 |
| wlsxChannelFrameErrorRateExceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1084 |
| wlsxSignatureMatchAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1085 |
| wlsxSignatureMatchSta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1086 |
| wlsxChannelRateAnomaly | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1087 |
| wlsxNodeRateAnomalyAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1088 |
| wlsxNodeRateAnomalySta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1089 |
| wlsxEAPRateAnomaly | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1090 |
| wlsxSignalAnomaly | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1091 |
| wlsxSequenceNumberAnomalyAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1092 |
| wlsxSequenceNumberAnomalySta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1093 |
| wlsxDisconnectStationAttack | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1094 |
| wlsxApFloodAttack | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1095 |
| wlsxAdhocNetwork | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1096 |
| wlsxWirelessBridge | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1097 |
| wlsxInvalidMacOUIAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1098 |
| wlsxInvalidMacOUISta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1099 |
| wlsxWEPMisconfiguration | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1100 |
| wlsxStaRepeatWEPIVViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1101 |
| wlsxStaWeakWEPIVViolation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1102 |
| wlsxStaAssociatedToUnsecureAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1103 |
| wlsxStaUnAssociatedFromUnsecureAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1104 |
| wlsxAdhocNetworkBridgeDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1105 |
| wlsxInterferingApDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1106 |
| wlsxPortUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1107 |
| wlsxPortDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1108 |
| wlsxBSSIDIsUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1109 |
| wlsxBSSIDIsDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1110 |
| wlsxColdStart | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1111 |
| wlsxWarmStart | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1112 |
| wlsxAPImpersonation | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1113 |
| wlsxInformQueueOverFlow | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1114 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|---|--------------------------------------|
| wlsxNAuthServerIsDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1115 |
| wlsxCTSTransferError | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1116 |
| wlsxCTSTransferSucceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1117 |
| wlsxConfigurationUpdateError | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1118 |
| wlsxConfigurationUpdateSucceeded | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1119 |
| wlsxGlobalConfigurationChangeNotification | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1120 |
| wlsxUserEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1121 |
| wlsxAPBssidEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1122 |
| wlsxAPRadioEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1123 |
| wlsxAPEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1124 |
| wlsxSwitchListEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1125 |
| wlsxPortEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1126 |
| wlsxVlanEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1127 |
| wlsxVlanInterfaceEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1128 |
| wlsxWindowsBridgeDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1129 |
| wlsxLicenseEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1130 |
| wlsxEsiServerChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1131 |
| wlsxMonAPEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1132 |
| wlsxMonStationEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1133 |
| wlsxSignAPNetstumbler | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1134 |
| wlsxSignStaNetstumbler | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1135 |
| wlsxSignAPAsleep | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1136 |
| wlsxSignStaAsleep | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1137 |
| wlsxSignAPAirjack | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1138 |
| wlsxSignStaAirjack | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1139 |
| wlsxSignAPNullProbeResp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1140 |
| wlsxSignStaNullProbeResp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1141 |
| wlsxSignAPDeathBcast | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1142 |
| wlsxSignStaDeathBcas | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1143 |
| wlsxWindowsBridgeDetectedAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1144 |
| wlsxWindowsBridgeDetectedSta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1145 |
| wlsxAdhocNetworkBridgeDetectedAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1146 |
| wlsxAdhocNetworkBridgeDetectedSta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1147 |
| wlsxDisconnectStationAttackAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1148 |

Table 134 SNMP OIDs for Alcatel-Lucent Enterprise MIB modules (Continued)

| SNMP MIB | OID |
|------------------------------------|--------------------------------------|
| wlsxDisconnectStationAttackSta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1149 |
| wlsxSuspectUnsecureAPDetected | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1150 |
| wlsxSuspectUnsecureAPResolved | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1151 |
| wlsxConfigurationLicenseMismatch | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1152 |
| wlsxVoiceCdrBufferThresholdReached | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1153 |
| wlsxTunnelUp | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1154 |
| wlsxTunnelDown | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1155 |
| wlsxMeshNodeEntryChanged | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1156 |
| wlsxHtGreenfieldSupported | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1157 |
| wlsxHT40MHzIntoleranceAP | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1158 |
| wlsxHT40MHzIntoleranceSta | .1.3.6.1.4.1.14823.2.3.1.11.1.2.1159 |

The following table lists the OIDs for the Alcatel AMAP MIB.

Table 135 SNMP OIDs for Alcatel AMAP MIB objects

| SNMP MIB | OID |
|--|---------------------------------------|
| alcatel | .1.3.6.1.4.1.6486 |
| alcatelIND1BaseMIB | .1.3.6.1.4.1.6486.800 |
| alcatelIND1Management | .1.3.6.1.4.1.6486.800.1 |
| managementIND1Software | .1.3.6.1.4.1.6486.800.1.2 |
| softwareIND1Entities | .1.3.6.1.4.1.6486.800.1.2.1 |
| softentIND1SnmpAgt | .1.3.6.1.4.1.6486.800.1.2.1.1 |
| softentIND1TrapMgr | .1.3.6.1.4.1.6486.800.1.2.1.2 |
| softentIND1VlanMgt | .1.3.6.1.4.1.6486.800.1.2.1.3 |
| softentIND1GroupMobility | .1.3.6.1.4.1.6486.800.1.2.1.4 |
| softentIND1Port | .1.3.6.1.4.1.6486.800.1.2.1.5 |
| softentIND1Sesmgr | .1.3.6.1.4.1.6486.800.1.2.1.7 |
| softentIND1MacAddress | .1.3.6.1.4.1.6486.800.1.2.1.8 |
| softentIND1Aip | .1.3.6.1.4.1.6486.800.1.2.1.9 |
| alcatelIND1InterswitchProtocolMIB | .1.3.6.1.4.1.6486.800.1.2.1.9.1 |
| alcatelIND1InterswitchProtocolMIBObjects | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1 |
| aipGMAPconfig | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1 |
| aipGMAPstate | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.1 |
| aipGMAPgptime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.2 |

Table 135 SNMP OIDs for Alcatel AMAP MIB objects (Continued)

| SNMP MIB | OID |
|-----------------------------|--|
| aipGMAPupdatetime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.3 |
| aipGMAPholdtime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.4 |
| aipGMAPLastTrapReason | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.5 |
| aipGMAPLastTrapPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.6 |
| aipGMAPLastTrapMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.7 |
| aipGMAPLastTrapProtocol | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.8 |
| aipGMAPLastTrapVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.9 |
| aipGMAPTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10 |
| aipGMAPTableEntry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1 |
| aipGMAPMacAddr | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.1 |
| aipGMAPProtocol | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.2 |
| aipGMAPVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.3 |
| aipGMAPSrcSwitch | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.4 |
| aipGMAPFlags | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.5 |
| aipGMAPTimeout | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.1.10.1.6 |
| aipAMAPconfig | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2 |
| aipAMAPstate | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.1 |
| aipAMAPdisctime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.2 |
| aipAMAPcommontime | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.3 |
| aipAMAPLastTrapReason | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.4 |
| aipAMAPLastTrapPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.5 |
| aipAMAPportConnectionTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6 |
| aipAMAPportConnectionentry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1 |
| aipAMAPLocalConnectionIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.1 |
| aipAMAPRemMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.2 |
| aipAMAPRemConnectionIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.3 |
| aipAMAPRemVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.4 |
| aipAMAPRemHostname | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.5 |
| aipAMAPLocalIndex | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.6 |
| aipAMAPLocalSlot | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.7 |
| aipAMAPLocalPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.8 |
| aipAMAPRemSlot | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.9 |
| aipAMAPRemPort | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.10 |
| aipAMAPRemDeviceType | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.6.1.11 |

Table 135 SNMP OIDs for Alcatel AMAP MIB objects (Continued)

| SNMP MIB | OID |
|--|---|
| aipAMAPHostsTable | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7 |
| aipAMAPHostentry | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1 |
| aipAMAPHostMac | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1.1 |
| aipAMAPIpAddr | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.7.1.2 |
| aipAMAPVoiceVlan | .1.3.6.1.4.1.6486.800.1.2.1.9.1.1.2.8 |
| alcatelIND1InterswitchProtocolMIBConformance | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2 |
| alcatelIND1InterswitchProtocolMIBGroups | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.1 |
| aipGMAPConfGroup | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.1.1 |
| aipAMAPConfGroup | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.1.2 |
| aipNotificationGroup | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.1.3 |
| alcatelIND1InterswitchProtocolMIBCompliances | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.2 |
| alcatelIND1InterswitchProtocolMIBCompliance | .1.3.6.1.4.1.6486.800.1.2.1.9.1.2.2.1 |
| managementIND1Notifications | .1.3.6.1.4.1.6486.800.1.3 |
| notificationIND1Traps | .1.3.6.1.4.1.6486.800.1.3.2 |
| aipAMAPTraps | .1.3.6.1.4.1.6486.800.1.3.2.1 |
| aipAMAPTraps-0 | .1.3.6.1.4.1.6486.800.1.3.2.1.0 |
| aipAMAPStatusTrap | .1.3.6.1.4.1.6486.800.1.3.2.1.0.1 |
| aipGMAPTraps | .1.3.6.1.4.1.6486.800.1.3.2.2 |
| aipGMAPTraps-0 | .1.3.6.1.4.1.6486.800.1.3.2.2.0 |
| aipGMAPConflictTrap | .1.3.6.1.4.1.6486.800.1.3.2.2.0.1 |

A

| | |
|---------------------|-----|
| access point | 35 |
| agent | 123 |
| air monitor | 35 |
| Alarm | |
| analog | 21 |
| discrete | 21 |
| ping | 21 |
| analog alarm inputs | 21 |
| authentication | 89 |

C

| | |
|---------------|-----|
| call status | 377 |
| control relay | 21 |
| CTS | 97 |

E

| | |
|-----|-----|
| ESI | 101 |
|-----|-----|

F

| | |
|---------------|-----|
| FA | 123 |
| foreign agent | 123 |

H

| | |
|-------------------------------|-----|
| HA | 123 |
| Hardware trap information | 294 |
| History | |
| AOS-W 2.3 | |
| lsxSysExtFanTable | 265 |
| lsxSysExtFanTraySerialNumber | 256 |
| lsxSysExtInternalTemperature | 256 |
| lsxSysExtLicenseSerialNumber | 256 |
| lsxSysExtSwitchBaseMacaddress | 255 |
| lsxSysXProcessorEntry | 211 |
| nUserAssignedVLAN | 357 |
| nUserAuthenticationMethod | 354 |
| nUserAuthServerName | 355 |
| nUserBWContractId | 358 |
| nUserBWContractName | 357 |
| nUserBWContractUsage | 358 |
| nUserConnectedPort | 359 |
| nUserConnectedSlot | 359 |
| nUserDefaultVLAN | 357 |
| nUserExtVPNAddress | 355 |
| nUserHomeAgentIpAddress | 356 |
| nUserHomeVLAN | 357 |

| | |
|-----------------------------------|-----|
| nUserIpAddress | 354 |
| nUserIsOnHomeAgent | 356 |
| nUserIsWired | 358 |
| nUserMobilityStatus | 356 |
| nUserName | 354 |
| nUserPhyAddress | 353 |
| nUserRole | 354 |
| nUserSubAuthenticationMethod | 355 |
| nUserUpTime | 354 |
| sysExtCardAssemblyNo | 264 |
| sysExtCardFpgaRevision | 265 |
| sysExtCardHwRevision | 264 |
| sysExtCardManufacturingDate | 264 |
| sysExtCardNumOffFastethernetPorts | 263 |
| sysExtCardNumOffPorts | 263 |
| sysExtCardSlot | 263 |
| sysExtCardStatus | 265 |
| sysExtCardSwitchChip | 265 |
| sysExtCardType | 263 |
| sysExtCardUserSlot | 265 |
| sysExtFanIndex | 266 |
| sysExtFanStatus | 266 |
| sysExtLicenseExpires | 271 |
| sysExtLicenseFlags | 271 |
| sysExtLicenseIndex | 270 |
| sysExtLicenseInstalled | 270 |
| sysExtLicenseKey | 270 |
| sysExtLicenseService | 271 |
| sysExtMemoryFree | 262 |
| sysExtMemoryIndex | 261 |
| sysExtMemorySize | 261 |
| sysExtMemoryUsed | 262 |
| sysExtProcessorDescr | 259 |
| sysExtProcessorID | 258 |
| sysExtProcessorLoad | 259 |
| sysExtStorageIndex | 260 |
| sysExtStorageName | 260 |
| sysExtStorageSize | 260 |
| sysExtStorageType | 260 |
| sysExtStorageUsed | 260 |
| sysExtSwitchIPAddress | 268 |
| sysExtSwitchLocation | 268 |
| sysExtSwitchName | 269 |
| sysExtSwitchRole | 268 |
| sysExtSwitchSerNo | 269 |
| sysExtSwitchStatus | 269 |
| sysExtSwitchSWVersion | 269 |
| sysXMemoryFree | 215 |
| sysXMemorySize | 214 |
| sysXMemoryUsed | 214 |
| sysXProcessorDescr | 211 |

| | | | |
|--|-----|---|-----|
| sysXProcessorID | 211 | wlanAPMacAddress | 417 |
| sysXProcessorLoad | 212 | wlanAPMode | 417 |
| sysXStorageIndex | 212 | wlanAPModelName | 419 |
| sysXStorageName | 213 | wlanAPMonitorMode | 421 |
| sysXStorageSize | 213 | wlanAPName | 417 |
| sysXStorageType | 213 | wlanAPNumAps | 415 |
| sysXStorageUsed | 213 | wlanAPNumBootstraps | 420 |
| wlanAPBSSID | 428 | wlanAPNumClients | 440 |
| wlanAPBssidAPMacAddress | 431 | wlanAPNumRadios | 418 |
| wlanAPBssidChannel | 430 | wlanAPNumReboots | 421 |
| wlanAPBssidInactiveTime | 430 | wlanAPRadioChannel | 424 |
| wlanAPBssidLoadBalancing | 431 | wlanAPRadioMode | 425 |
| wlanAPBssidMode | 430 | wlanAPRadioNumActiveBSSIDs | 426 |
| wlanAPBssidNumAssociatedStations | 431 | wlanAPRadioNumAssociatedClients | 425 |
| wlanAPBssidPhyNumber | 431 | wlanAPRadioNumber | 424 |
| wlanAPBssidPhyType | 429 | wlanAPRadioNumMonitoredBSSIDs | 426 |
| wlanAPBssidPort | 429 | wlanAPRadioNumMonitoredClients | 425 |
| wlanAPBssidRogueType | 429 | wlanAPRadioTransmitPower | 425 |
| wlanAPBssidSlot | 429 | wlanAPRadioType | 424 |
| wlanAPBssidUpTime | 430 | wlanAPRadioUtilization | 425 |
| wlanAPBuilding | 419 | wlanAPRxBytes | 441 |
| wlanAPChannelErrorRate | 444 | wlanAPRxDeauthentications | 442 |
| wlanAPChannelNumber | 476 | wlanAPRxPkts | 441 |
| wlanAPChannelThroughput | 442 | wlanAPSerialNumber | 418 |
| wlanAPChBusyRate | 480 | wlanAPStatsPkts1024To1518 | 475 |
| wlanAPChCoverageIndex | 478 | wlanAPStatsPkts128To255 | 474 |
| wlanAPChFrameBandwidthRate | 480 | wlanAPStatsPkts256To511 | 475 |
| wlanAPChFrameFragmentationRate | 479 | wlanAPStatsPkts512To1023 | 475 |
| wlanAPChFrameLowSpeedRate | 479 | wlanAPStatsPkts63Bytes | 474 |
| wlanAPChFrameNonUnicastRate | 479 | wlanAPStatsPkts64To127 | 474 |
| wlanAPChFrameRetryErrorRate | 480 | wlanAPStatsTotBytesAt11Mbps | 450 |
| wlanAPChInterferenceIndex | 478 | wlanAPStatsTotBytesAt12Mbps | 451 |
| wlanAPChNumAPs | 480 | wlanAPStatsTotBytesAt18Mbps | 452 |
| wlanAPChNumStations | 476 | wlanAPStatsTotBytesAt1Mbps | 449 |
| wlanAPChTotBytes | 477 | wlanAPStatsTotBytesAt24Mbps | 452 |
| wlanAPChTotFragmentedPkts | 477 | wlanAPStatsTotBytesAt2Mbps | 450 |
| wlanAPChTotPhyErrPkts | 477 | wlanAPStatsTotBytesAt36Mbps | 452 |
| wlanAPChTotPkts | 477 | wlanAPStatsTotBytesAt5Mbps | 450 |
| wlanAPChTotRetryPkts | 477 | wlanAPStatsTotBytesAt6Mbps | 451 |
| wlanAPCurrentChannel | 440 | wlanAPStatsTotBytesAt9Mbps | 454 |
| wlanAPdot11aAntennaGain | 418 | wlanAPStatsTotCtrlBytes | 473 |
| wlanAPdot11gAntennaGain | 418 | wlanAPStatsTotCtrlPkts | 473 |
| wlanAPEnet1Mode | 418 | wlanAPStatsTotDABroadcastBytes | 471 |
| wlanAPESSID | 429 | wlanAPStatsTotDABroadcastPkts | 470 |
| wlanAPEExternalAntenna | 420 | wlanAPStatsTotDAMulticastBytes | 471 |
| wlanAPFloor | 420 | wlanAPStatsTotDAMulticastPkts | 471 |
| wlanAPFrameBandwidthRate | 443 | wlanAPStatsTotDataBytes | 473 |
| wlanAPFrameFragmentationRate | 443 | wlanAPStatsTotDataPkts | 473 |
| wlanAPFrameLowSpeedRate | 442 | wlanAPStatsTotDAUnicastBytes | 471 |
| wlanAPFrameNonUnicastRate | 443 | wlanAPStatsTotDAUnicastPkts | 471 |
| wlanAPFrameRetryErrorRate | 443 | wlanAPStatsTotMgmtBytes | 472 |
| wlanAPFrameRetryRate | 442 | wlanAPStatsTotMgmtPkts | 472 |
| wlanAPGroup | 415 | wlanAPStatsTotPktsAt11Mbps | 450 |
| wlanAPGroupName | 417 | wlanAPStatsTotPktsAt12Mbps | 451 |
| wlanAPIpAddress | 417 | wlanAPStatsTotPktsAt18Mbps | 451 |
| wlanAPIpsecMode | 419 | wlanAPStatsTotPktsAt1Mbps | 449 |
| wlanAPLoc | 420 | wlanAPStatsTotPktsAt24Mbps | 452 |
| wlanAPLocation | 419 | wlanAPStatsTotPktsAt2Mbps | 449 |

| | |
|--|-----|
| wlanAPStatsTotPktsAt36Mbps | 452 |
| wlanAPStatsTotPktsAt5Mbps | 450 |
| wlanAPStatsTotPktsAt6Mbps | 451 |
| wlanAPStatsTotPktsAt9Mbp | 453 |
| wlanAPStatus | 420 |
| wlanAPTxBytes | 441 |
| wlanAPTxDAuthentications | 441 |
| wlanAPTxPkts | 440 |
| wlanAPUnprovisioned | 421 |
| wlanAPUpTime | 419 |
| wlanESSID | 433 |
| wlanESSIDEncryptionType | 434 |
| wlanESSIDNumAccessPointsDown | 433 |
| wlanESSIDNumAccessPointsUp | 433 |
| wlanESSIDNumStations | 433 |
| wlanESSIDVLANId | 434 |
| wlanESSIDVLANPoolStatus | 435 |
| wlanStaAccessPointESSID | 438 |
| wlanStaApBssid | 436 |
| wlanStaAssociationID | 438 |
| wlanStaChannel | 437 |
| wlanStaChannelNum | 482 |
| wlanStaCtrlPkts | 484 |
| wlanStaDataPkts | 484 |
| wlanStaFrameBandwidthRate | 487 |
| wlanStaFrameFragmentationRate | 486 |
| wlanStaFrameLowSpeedRate | 486 |
| wlanStaFrameNonUnicastRate | 486 |
| wlanStaFrameRetryErrorRate | 487 |
| wlanStaFrameRetryRate | 486 |
| wlanStaIsAssociated | 436 |
| wlanStaIsAuthenticated | 436 |
| wlanStaNumAuthRequests | 485 |
| wlanStaPhyAddress | 436 |
| wlanStaPhyNumber | 438 |
| wlanStaPhyType | 436 |
| wlanStaRSSI | 438 |
| wlanStaRxBCastBytes | 483 |
| wlanStaRxBBytes | 483 |
| wlanStaRxDAuthentications | 485 |
| wlanStaRxMCastBytes | 484 |
| wlanStaRxBPkts | 483 |
| wlanStaTransmitRate | 437 |
| wlanStaTxBCastPkts | 483 |
| wlanStaTxBytes | 482 |
| wlanStaTxDeauthentications | 485 |
| wlanStaTxMCastPkt | 484 |
| wlanStaTxPkts | 482 |
| wlanStaUpTime | 438 |
| wlanStaVLANId | 437 |
| wlanStaVOIPProtocol | 437 |
| wlanStaVOIPState | 437 |
| wlsxLicenseDaysRemaining | 243 |
| wlsxSlotNumber | 243 |
| wlsxSysExtCardEntry | 263 |
| wlsxSysExtCardTable | 262 |
| wlsxSysExtFanEntry | 266 |
| wlsxSysExtFanTrayAssemblyNumber | 256 |
| wlsxSysExtHostname | 254 |
| wlsxSysExtLicenseEntry | 270 |
| wlsxSysExtMemoryEntry | 261 |
| wlsxSysExtMemoryTable | 261 |
| wlsxSysExtModelName | 255 |
| wlsxSysExtPowerSupplyEntry | 267 |
| wlsxSysExtPowerSupplyTable | 266 |
| wlsxSysExtProcessorEntry | 258 |
| wlsxSysExtStorageEntry | 259 |
| wlsxSysExtStorageTable | 259 |
| wlsxSysExtSwitchDate | 255 |
| wlsxSysExtSwitchIp | 254 |
| wlsxSysExtSwitchLicenseCount | 256 |
| wlsxSysExtSwitchLicenseTable | 269 |
| wlsxSysExtSwitchListEntr | 268 |
| wlsxSysExtSwitchMasterIp | 255 |
| wlsxSysExtSwitchRole | 255 |
| wlsxSysXMemoryEntry | 214 |
| wlsxSysXProcessorEntry | 211 |
| wlsxSysXStorageEntry | 212 |
| wlsxUserEntry | 353 |
| wlsxWlanAPBssidEntry | 428 |
| wlsxWlanAPChStatsEntry | 476 |
| wlsxWlanAPDTypeStatsEntry | 470 |
| wlsxWlanAPFrameTypeStatsEntry | 472 |
| wlsxWlanAPGroupEntry | 415 |
| wlsxWlanAPPktSizeStatsEntry | 474 |
| wlsxWlanAPRateStatsEntry | 449 |
| wlsxWlanAPStatsEntry | 440 |
| wlsxWlanESSIDEntry | 432 |
| wlsxWlanESSIDVLANPoolEntry | 434 |
| wlsxWlanESSIDVLANPoolTable | 434 |
| wlsxWlanRadioEntry | 424 |
| wlsxWlanStationEntry | 435 |
| wlsxWlanStationStatsEntry | 482 |
| wlsxWlanStationTable | 435 |
| wlsxWlanTotalNumAccessPoints | 414 |
| AOS-W 2.5 | |
| wlanAPFrameReceiveErrorRate | 444 |
| wlanAPRxDataBytes | 444 |
| wlanAPRxDataPkts | 444 |
| wlanAPTxDDataBytes | 445 |
| wlanAPTxDDataPkts | 445 |
| wlsxSysExtControllerConfigID | 257 |
| wlsxSysExtIsMMSConfigUpdateEnabled | 257 |
| wlsxSysExtMMSConfigID | 257 |
| wlsxSysExtSwitchLastReload | 257 |
| AOS-W 3.1 | |
| ArubaCallStates | 289 |
| ArubaCardType | 283 |
| ArubaConfigurationChangeType | 288 |
| ArubaConfigurationState | 288 |
| ArubaDot1dState | 283 |
| ArubaEncryptionMethods | 282 |
| ArubaESIServerMode | 284 |
| ArubaFrameType | 278 |
| ArubaPhyType | 278 |
| ArubaVoiceCacBit | 290 |

| | | | |
|--|-----|--|-----|
| ArubaVoiceCdrDirection | 290 | wlanStaFrameRetryRate | 486 |
| ArubaVoipProtoco. | 289 | wlanStaIsAssociated. | 436 |
| ArubaVoipRegState. | 289 | wlanStaIsAuthenticated. | 436 |
| IanStaFrameNonUnicastRate | 486 | wlanStaNumAssocRequests | 485 |
| lsxCTSTransferSucceeded. | 338 | wlanStaNumAuthRequests | 485 |
| lsxEsiServerChanged | 341 | wlanStaRxBCastBytes | 483 |
| lsxMonEventCountEntry | 193 | wlanStaRxBytes | 483 |
| lsxVoiceCurrentNumCdr | 310 | wlanStaRxDeauthentications | 485 |
| lsxWlanStationStatsEntry | 482 | wlanStaRxMCastBytes. | 484 |
| mobilityDomainIsExclusive. | 125 | wlanStaTxBCastPkts | 483 |
| monAPFrameReceiveErrorRate | 149 | wlanStaTxBytes | 482 |
| monAPFrameRetryErrorRate | 148 | wlanStaTxDeauthentication | 485 |
| monAPInfoConfidence | 189 | wlanStaTxMCastPkts. | 484 |
| monAPInfoMatchType | 189 | wlanStaTxPkts | 482 |
| monEventCount. | 194 | wlsxAdhocNetworkBridgeDetectedAP | 345 |
| monEventID. | 193 | wlsxAdhocNetworkBridgeDetectedSta. | 345 |
| monStaFrameReceiveErrorRate | 167 | wlsxAPBssidEntryChanged. | 339 |
| onAPInfoMatchMethod | 189 | wlsxAPEntryChanged | 340 |
| wlanAPChannelErrorRate | 444 | wlsxAPRadioEntryChanged | 339 |
| wlanAPChannelNumber | 476 | wlsxConfigurationLicenseMismatch | 346 |
| wlanAPChannelThroughput. | 442 | wlsxConfigurationUpdateError | 338 |
| wlanAPChBusyRate | 480 | wlsxConfigurationUpdateSucceeded. | 339 |
| wlanAPChCoverageIndex | 478 | wlsxCTSTransferError. | 338 |
| wlanAPChFrameBandwidthRate | 480 | wlsxDisconnectStationAttackAP | 345 |
| wlanAPChFrameFragmentationRate | 479 | wlsxDisconnectStationAttackSta. | 345 |
| wlanAPChFrameLowSpeedRate | 479 | wlsxGlobalConfigurationChangeNotification. | 339 |
| wlanAPChFrameNonUnicastRate. | 479 | wlsxInterferingApDetected | 337 |
| wlanAPChFrameReceiveErrorRate | 481 | wlsxLicenseEntryChanged | 341 |
| wlanAPChFrameRetryErrorRate | 480 | wlsxMonAPEntryChanged. | 341 |
| wlanAPChInterferenceIndex. | 478 | wlsxMonStationEntryChanged. | 341 |
| wlanAPChNoise. | 478 | wlsxNAccessPointIsDown. | 325 |
| wlanAPChNumAPs | 480 | wlsxNAccessPointIsUp | 325 |
| wlanAPCurrentChannel | 440 | wlsxNAuthMaxAclEntries | 322 |
| wlanAPFQLN | 422 | wlsxNAuthMaxBWCContracts | 322 |
| wlanAPFQLNBuilding. | 421 | wlsxNAuthMaxUserEntries. | 322 |
| wlanAPFQLNCampus. | 422 | wlsxNAuthServerIsDown | 338 |
| wlanAPFQLNFloor | 421 | wlsxNAuthServerIsUp | 322 |
| wlanAPFrameBandwidthRate | 443 | wlsxNAuthServerReqTimedOut | 322 |
| wlanAPFrameFragmentationRate. | 443 | wlsxNAuthServerTimedOut | 322 |
| wlanAPFrameLowSpeedRate | 442 | wlsxNChannelChanged | 326 |
| wlanAPFrameNonUnicastRate | 443 | wlsxNCoverageHoleDetected. | 325 |
| wlanAPFrameRetryErrorRate | 443 | wlsxNDBCCommunicationFailure | 326 |
| wlanAPFrameRetryRate. | 442 | wlsxNFanFailure. | 323 |
| wlanAPNumClients. | 440 | wlsxNFanTrayInserted. | 325 |
| wlanAPRxDeauthentications. | 442 | wlsxNFanTrayRemoved. | 324 |
| wlanAPRxPkts. | 441 | wlsxNGBICInserted | 324 |
| wlanAPTxBYtes | 441 | wlsxNIpSpoofingDetected. | 326 |
| wlanAPTxDauthentication. | 441 | wlsxNLCInserted | 323 |
| wlanAPTxBPkts | 440 | wlsxNLCRemoved | 325 |
| wlanESSID | 433 | wlsxNLicenseExpiry. | 327 |
| wlanESSIDNumAccessPointsDown. | 433 | wlsxNLowMemory | 324 |
| wlanESSIDNumAccessPointsUp. | 433 | wlsxNLowOnFlashSpace | 324 |
| wlanStaChannelNum | 482 | wlsxNOutOfRangeTemperature | 323 |
| wlanStaDataPkt. | 484 | wlsxNOutOfRangeVoltage | 323 |
| wlanStaFrameBandwidthRate. | 487 | wlsxNPowerSupplyFailure | 323 |
| wlanStaFrameFragmentationRate | 486 | wlsxNProcessDied | 324 |
| wlanStaFrameLowSpeedRate | 486 | wlsxNProcessExceedsMemoryLimits | 324 |
| wlanStaFrameRetryErrorRate. | 487 | | |

| | | | |
|---|---------------|--|-----|
| wlsxNSCInserted | 323 | wlsxWindowsBridgeDetectedAP | 344 |
| wlsxNStationAddedToBlackList | 326 | wlsxWindowsBridgeDetectedSta | 344 |
| wlsxNStationRemovedFromBlackList | 326 | AOS-W 3.1.0.3 | |
| wlsxNUserAuthenticationFailed | 321 | PwlsxCtsOpcod | 98 |
| wlsxNUserEntryAuthenticated | 321 | wlsxCtsCookie | 99 |
| wlsxNUserEntryDeAuthenticated | 321 | wlsxCtsFlags | 99 |
| wlsxNUserEntryDeleted | 321 | wlsxCtsIndex | 98 |
| wlsxPortEntryChanged | 340 | wlsxCtsOpcode | 98 |
| wlsxSignAPAirjack | 343 | wlsxCtsRequestEntry | 98 |
| wlsxSignAPAsleep | 342 | wlsxCtsStatus | 99 |
| wlsxSignAPDeauthBcast | 344 | wlsxCtsURL | 99 |
| wlsxSignAPNetstumbler | 342 | AOS-W 3.2 | |
| wlsxSignAPNullProbeResp | 343 | ArubaMeshRole | 290 |
| wlsxSignStaAirjack | 343 | ifExtVlanInterfaceIpIgmpp Snooping | 117 |
| wlsxSignStaAsleep | 342 | ifExtVlanInterfaceIpNatInside | 116 |
| wlsxSignStaDeauthBcast | 344 | ifExtVlanInterfaceIpRouting | 116 |
| wlsxSignStaNetstumbler | 342 | nUserAuthServerName | 355 |
| wlsxSignStaNullProbeResp | 343 | nUserBWContractId | 358 |
| wlsxSuspectUnsecureAPDetected | 346 | nUserBWContractName | 357 |
| wlsxSuspectUnsecureAPResolved | 346 | nUserBWContractUsage | 358 |
| wlsxSwitchListEntryChanged | 340 | nUserDNBWContractId | 361 |
| wlsxSysExtAPBssidTableGenNumber | 275 | nUserDNBWContractName | 360 |
| wlsxSysExtAPRadioTableGenNumber | 275 | nUserDNBWContractUsage | 360 |
| wlsxSysExtAPTableGenNumber | 275 | nUserExtVPNAddress | 355 |
| wlsxSysExtLicenseTableGenNumber | 276 | nUserMobilityDomainName | 359 |
| wlsxSysExtMMSCompatLevel | 257 | nUserMobilityStatus | 356 |
| wlsxSysExtMonAPTableGenNumber | 276 | nUserPhyType | 359 |
| wlsxSysExtPortTableGenNumber | 275 | nUserUPBWContractId | 360 |
| wlsxSysExtSwitchListTableGenNumber | 275 | nUserUPBWContractName | 359 |
| wlsxSysExtUserTableGenNumber | 274 | nUserUPBWContractUsage | 360 |
| wlsxSysExtVlanInterfaceTableGenNumber | 276 | oiceCdrHandovers | 384 |
| wlsxSysExtVlanTableGenNumber | 276 | voiceAPBssid100Sent | 393 |
| wlsxTrapConfidenceLevel | 310 | voiceAPBssid503Sent | 393 |
| wlsxTrapConfigurationId | 308 | voiceAPBssidCacFlag | 394 |
| wlsxTrapConfigurationState | 308 | voiceAPBssidCallsNoe | 395 |
| wlsxTrapCTSTransferType | 308 | voiceAPBssidCallsSCCP | 394 |
| wlsxTrapCTSURL | 308 | voiceAPBssidCallsSIP | 394 |
| wlsxTrapGlobalConfigObj | 309 | voiceAPBssidCallsSVP | 395 |
| wlsxTrapLicenseId | 310 | voiceAPBssidCallsVocera | 395 |
| wlsxTrapMissingLicenses | 310 | voiceAPBssidEssid | 395 |
| wlsxTrapTableEntryChangeType | 309 | voiceAPBssidExtraCallDisc | 393 |
| wlsxTrapTableGenNumber | 309 | voiceAPBssidFlag | 392 |
| wlsxTrapTunnelId | 310 | voiceAPBssidGroup | 391 |
| wlsxTrapTunnelStatus | 311 | voiceAPBssidIp | 392 |
| wlsxTrapTunnelUpReason | 311 | voiceAPBssidKickedOff | 393 |
| wlsxTrapUpdateFailedObj | 309 | voiceAPBssidName | 391 |
| wlsxTrapUpdateFailureReason | 309 | voiceAPBssidTotCalls | 392 |
| wlsxTunnelDown | 347 | voiceAPBssidTotVoiceClients | 394 |
| wlsxTunnelUp | 346 | voiceAPBssidTspecDenied | 394 |
| wlsxUnsecureAPDetected | 327 | voiceAPBssidUpTime | 393 |
| wlsxUserEntryChanged | 339 | voiceAPBssidVoiceType | 392 |
| wlsxUserSessionTimeCount | 362 | voiceCallCtrsAborted | 385 |
| wlsxUserSessionTimeEntry | 362, 363, 364 | voiceCallCtrsActive | 386 |
| wlsxUserSessionTimeLength | 362 | voiceCallCtrsBusy | 386 |
| wlsxVlanEntryChanged | 340 | voiceCallCtrsDecline | 387 |
| wlsxVlanInterfaceEntryChanged | 340 | voiceCallCtrsFailed | 385 |
| wlsxVoiceCdrBufferThresholdReached | 346 | voiceCallCtrsMisc | 387 |
| wlsxWindowsBridgeDetected | 341 | voiceCallCtrsNotFnd | 386 |

| | | | |
|----------------------------------|-----|-------------------------------|-----|
| voiceCallCtrsOrig | 386 | wlsxMeshNodeCluster | 121 |
| voiceCallCtrsRecvd | 386 | wlsxMeshNodeHopCoun | 122 |
| voiceCallCtrsRejected | 385 | wlsxMeshNodeLinkCost | 122 |
| voiceCallCtrsReqTerm | 387 | wlsxMeshNodeNodeCost | 122 |
| voiceCallCtrsSuccess | 385 | wlsxMeshNodeParent | 121 |
| voiceCallCtrsTotal | 385 | wlsxMeshNodePathCost | 121 |
| voiceCallCtrsUnauth | 387 | wlsxMeshNodeRfBan | 121 |
| voiceCdrApMac | 383 | wlsxMeshNodeTotal | 120 |
| voiceCdrApName | 383 | wlsxMeshRole | 120 |
| voiceCdrApSwitchDelay | 382 | wlsxVoiceAPBssidEntry | 391 |
| voiceCdrBssid | 383 | wlsxVoiceAPBssidTotal | 390 |
| voiceCdrCodec | 383 | wlsxVoiceCdrEntry | 380 |
| voiceCdrDialNum | 381 | wlsxVoiceClientEntry | 388 |
| voiceCdrDir | 381 | wlsxVoiceClientTable | 388 |
| voiceCdrDuration | 382 | wlsxVoiceClientTotal | 388 |
| voiceCdrEssid | 383 | wlsxWlanESSIDEntry | 432 |
| voiceCdrId | 380 | AOS-W 3.3 | |
| voiceCdrIp | 380 | ArubaHTExtChannel | 279 |
| voiceCdrMac | 380 | ArubaHTMode | 278 |
| voiceCdrMOS | 384 | IPv6 Authentication Traps | 251 |
| voiceCdrName | 380 | monAPInfoHTMode | 189 |
| voiceCdrOrigTime | 381 | monStaInfoHTMode | 193 |
| voiceCdrReason | 382 | monStaRxHTBytes | 195 |
| voiceCdrRValue | 382 | monStaRxHTPkts | 195 |
| voiceCdrSetupTime | 381 | monStaTxHTBytes | 195 |
| voiceCdrStatus | 382 | monStaTxHTPkts | 194 |
| voiceCdrTeardownTime | 381 | nUser6ApBSSID | 369 |
| voiceClientContactName | 389 | nUser6ApLocation | 369 |
| voiceClientEssid | 389 | nUser6AssignedVLAN | 371 |
| voiceClientIp | 388 | nUser6AuthenticationMethod | 368 |
| voiceClientProtocol | 389 | nUser6AuthServerName | 369 |
| voiceClientRegState | 389 | nUser6BWContractId | 371 |
| voiceClientServerName | 389 | nUser6BWContractName | 371 |
| voiceClientTunnelId | 390 | nUser6BWContractUsage | 371 |
| voiceClientVlanId | 390 | nUser6ConnectedPort | 372 |
| wlanAPAltitude | 422 | nUser6ConnectedSlot | 372 |
| wlanAPBssidMode | 430 | nUser6CurrentVLAN | 372 |
| wlanAPBssidNumAssociatedStations | 431 | nUser6DefaultVLAN | 371 |
| wlanAPLongitude | 422 | nUser6DNBWContractId | 374 |
| wlanAPMeshRole | 423 | nUser6DNBWContractName | 374 |
| wlanAPMonitorMode | 421 | nUser6DNBWContractUsage | 374 |
| wlanAPRadioBearing | 426 | nUser6ExtVPNAddress | 369 |
| wlanAPRadioChannel | 424 | nUser6HomeAgentIpAddress | 370 |
| wlanAPRadioNumber | 424 | nUser6HomeVLAN | 370 |
| wlanAPRadioTiltAngle | 426 | nUser6HTMode | 374 |
| wlanAPRadioTransmitPower | 425 | nUser6IpAddress | 368 |
| wlanAPRxDataBytes | 444 | nUser6IsOnHomeAgent | 370 |
| wlanAPRxDataBytes64 | 445 | nUser6IsProxyArpEnabled | 372 |
| wlanAPRxDataPkts | 444 | nUser6IsWired | 372 |
| wlanAPRxDataPkts64 | 445 | nUser6MobilityDomainName | 373 |
| wlanAPTxDatByte | 445 | nUser6MobilityStatus | 370 |
| wlanAPTxDatBytes64 | 446 | nUser6Name | 368 |
| wlanAPTxDatPkts | 445 | nUser6PhyAddress | 367 |
| wlanAPTxDatPkts64 | 445 | nUser6PhyType | 373 |
| wlanStaFrameReceiveErrorRate | 487 | nUser6Role | 368 |
| wlanStaTxBCastBytes | 487 | nUser6SubAuthenticationMethod | 369 |
| wlsxCtsIndex | 98 | nUser6UPBWContractId | 373 |
| wlsxMeshNodeChildrenCount | 121 | nUser6UPBWContractName | 373 |

| | | | |
|--|-----|--|----------|
| nUser6UPBWContractUsage | 373 | wlanAPStatsTotPktsAtHT120Mbps | 464 |
| nUser6UpTime | 368 | wlanAPStatsTotPktsAtHT121dot5Mbps | 465 |
| nUserHTMode | 361 | wlanAPStatsTotPktsAtHT130Mbps | 465 |
| user6AuthenticationMethod | 220 | wlanAPStatsTotPktsAtHT135Mbps | 466 |
| user6BWContractName | 221 | wlanAPStatsTotPktsAtHT13dot5Mbps | 455 |
| user6BWContractUsage | 222 | wlanAPStatsTotPktsAtHT13Mbps | 454 |
| user6ConnectedPort | 221 | wlanAPStatsTotPktsAtHT150Mbps | 466 |
| user6ConnectedSlot | 221 | wlanAPStatsTotPktsAtHT15Mbps | 455 |
| user6ConnectedVlan | 221 | wlanAPStatsTotPktsAtHT162Mbps | 467 |
| user6IpAddress | 219 | wlanAPStatsTotPktsAtHT180Mbps | 467 |
| user6Location | 220 | wlanAPStatsTotPktsAtHT19dot5Mbps | 456 |
| user6Name | 219 | wlanAPStatsTotPktsAtHT216Mbps | 468 |
| user6PhyAddress | 219 | wlanAPStatsTotPktsAtHT240Mbps | 468 |
| user6Role | 220 | wlanAPStatsTotPktsAtHT243Mbps | 468 |
| user6ServerName | 221 | wlanAPStatsTotPktsAtHT26Mbps | 456 |
| user6UpTime | 220 | wlanAPStatsTotPktsAtHT270Mbps | 469 |
| wlanAPBssidHTChannel | 432 | wlanAPStatsTotPktsAtHT27Mbps | 457 |
| wlanAPBssidHTEExtChannel | 432 | wlanAPStatsTotPktsAtHT300Mbps | 469 |
| wlanAPBssidHTMode | 431 | wlanAPStatsTotPktsAtHT30Mbps | 457 |
| wlanAPRadioHTChannel | 427 | wlanAPStatsTotPktsAtHT39Mbps | 458 |
| wlanAPRadioHTEExtChannel | 427 | wlanAPStatsTotPktsAtHT40dot5Mbps | 458 |
| wlanAPRadioHTMode | 427 | wlanAPStatsTotPktsAtHT45Mbps | 458 |
| wlanAPStatsTotBytesAtHT104Mbps | 463 | wlanAPStatsTotPktsAtHT52Mbps | 459 |
| wlanAPStatsTotBytesAtHT108Mbps | 464 | wlanAPStatsTotPktsAtHT54Mbps | 459 |
| wlanAPStatsTotBytesAtHT117Mbps | 464 | wlanAPStatsTotPktsAtHT58dot5Mbps | 460 |
| wlanAPStatsTotBytesAtHT120Mbps | 465 | wlanAPStatsTotPktsAtHT60Mbps | 460 |
| wlanAPStatsTotBytesAtHT121dot5Mbps | 465 | wlanAPStatsTotPktsAtHT65Mbps | 461 |
| wlanAPStatsTotBytesAtHT130Mbps | 466 | wlanAPStatsTotPktsAtHT6dot5Mbp | 454 |
| wlanAPStatsTotBytesAtHT135Mbps | 466 | wlanAPStatsTotPktsAtHT78Mbps | 461 |
| wlanAPStatsTotBytesAtHT13dot5Mbps | 455 | wlanAPStatsTotPktsAtHT81Mbps | 462 |
| wlanAPStatsTotBytesAtHT13Mbps | 454 | wlanAPStatsTotPktsAtHT90Mbps | 462 |
| wlanAPStatsTotBytesAtHT150Mbps | 467 | wlsxHT40MHzIntoleranceAP | 347 |
| wlanAPStatsTotBytesAtHT15Mbps | 455 | wlsxHT40MHzIntoleranceSta | 347 |
| wlanAPStatsTotBytesAtHT162Mbps | 467 | wlsxHtGreenfieldSupported | 347 |
| wlanAPStatsTotBytesAtHT180Mbps | 467 | wlsxMonStationHTRateStatsEntry | 194 |
| wlanAPStatsTotBytesAtHT19dot5Mbps | 456 | wlsxSwitchUser6Entry | 219 |
| wlanAPStatsTotBytesAtHT216Mbps | 468 | wlsxTotalNumOfUsers6 | 366 |
| wlanAPStatsTotBytesAtHT240Mbps | 468 | wlsxUser6AllInfoGroup | 366, 398 |
| wlanAPStatsTotBytesAtHT243Mbps | 469 | wlsxUser6AuthenticationFailed | 252 |
| wlanAPStatsTotBytesAtHT270Mbps | 469 | wlsxUser6EntryAuthenticated | 251 |
| wlanAPStatsTotBytesAtHT27Mbps | 457 | wlsxUser6EntryCreated | 251 |
| wlanAPStatsTotBytesAtHT300Mbps | 470 | wlsxUser6EntryDeAuthenticated | 252 |
| wlanAPStatsTotBytesAtHT30Mbps | 457 | wlsxUser6EntryDeleted | 251 |
| wlanAPStatsTotBytesAtHT39Mbps | 458 | wlsxUser6SessionTime | 375 |
| wlanAPStatsTotBytesAtHT40dot5Mbps | 458 | wlsxUser6SessionTimeLength | 375 |
| wlanAPStatsTotBytesAtHT45Mbps | 459 | wlsxUser6SessionTimeTable | 375 |
| wlanAPStatsTotBytesAtHT52Mbps | 459 | wlsxUser6Table | 366 |
| wlanAPStatsTotBytesAtHT54Mbps | 460 | AOS-W 3.3.0.0 | |
| wlanAPStatsTotBytesAtHT58dot5Mbps | 460 | wlanStaHTMod | 439 |
| wlanAPStatsTotBytesAtHT60Mbps | 461 | AOS-W 3.4 | |
| wlanAPStatsTotBytesAtHT65Mbps | 461 | wlsxNProcessExceedsMemoryLimits | 324 |
| wlanAPStatsTotBytesAtHT6dot5Mbps | 454 | wlsxTrapAPSerialNumber | 311 |
| wlanAPStatsTotBytesAtHT78Mbps | 462 | wlsxTraptimeStr | 311 |
| wlanAPStatsTotBytesAtHT81Mbps | 462 | AOS-W 3.4.1 | |
| wlanAPStatsTotBytesAtHT90Mbps | 463 | wlsxNadhocNetwork | 348 |
| wlanAPStatsTotPktsAtHT104Mbps | 463 | wlsxNadhocNetworkBridgeDetectedAP | 348 |
| wlanAPStatsTotPktsAtHT108Mbps | 463 | wlsxNadhocNetworkBridgeDetectedSta | 348 |
| wlanAPStatsTotPktsAtHT117Mbps | 464 | wlsxNApOnBackupController | 349 |

| | | | |
|---|---------------|-------------------------------------|----------|
| wlsxNAuthMaxXsecUserEntries | 348 | information | 21 |
| wlsxNAuthServerAllInService | 348 | MIB hierarchy | 293 |
| wlsxNConnectionResetWithLocal | 349 | switch trap notifications | 244 |
| wlsxNRapExpiredPSK | 349 | switch traps | 238 |
| wlsxNRapWarnExpiredPSK | 349 | types | 21 |
| wlsxNVpnMaxSessions | 349 | wlsx trap definitions | 314 |
| wlsxTrapBackupControllerIp | 313 | wlsx trap objects group | 295 |
| wlsxTrapMasterIp | 312 | | |
| wlsxTrapMasterName | 312 | U | |
| wlsxTrapPrimaryControllerIp | 313 | user access | 351 |
| home agent | 123 | | |
| I | | V | |
| inform request | 21 | VLAN | 105 |
| | | voice status | 377 |
| L | | W | |
| Location | | WMS | 101, 411 |
| user station | 351 | X | |
| M | | xTrapLocalIp | 312 |
| mesh | 119 | | |
| MIB files | 23 | | |
| N | | | |
| network traffic | 141 | | |
| P | | | |
| ping alarms | 21 | | |
| pLocalName | 313 | | |
| ports | 105 | | |
| R | | | |
| resource usage | 253 | | |
| roaming agent | 123 | | |
| S | | | |
| Scan | | | |
| RF spectrum | 35 | | |
| signal quality | 197 | | |
| SNR | 197 | | |
| switch | 205, 365, 397 | | |
| synchronize | 97 | | |
| T | | | |
| TC | 277 | | |
| terminal server function | 22 | | |
| Traffic | | | |
| redirect | 101 | | |
| Traps | | | |
| access points | 76 | | |
| hardware support | 294 | | |