

Ruckus ZoneDirector 10.2 SNMP Reference Guide

Supporting ZoneDirector 10.2

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Document Conventions

The following table lists the text conventions that are used throughout this guide.

TABLE 1 Text Conventions

| Convention | Description | Example |
|----------------|---|---|
| monospace | Identifies command syntax examples | <code>device(config)# interface ethernet 1/1/6</code> |
| bold | User interface (UI) components such as screen or page names, keyboard keys, software buttons, and field names | On the Start menu, click All Programs . |
| <i>italics</i> | Publication titles | Refer to the <i>Ruckus Small Cell Release Notes</i> for more information. |

Notes, Cautions, and Warnings

Notes, cautions, and warning statements may be used in this document. They are listed in the order of increasing severity of potential hazards.

NOTE

A NOTE provides a tip, guidance, or advice, emphasizes important information, or provides a reference to related information.

ATTENTION

An ATTENTION statement indicates some information that you must read before continuing with the current action or task.



CAUTION

A CAUTION statement alerts you to situations that can be potentially hazardous to you or cause damage to hardware, firmware, software, or data.



DANGER

A DANGER statement indicates conditions or situations that can be potentially lethal or extremely hazardous to you. Safety labels are also attached directly to products to warn of these conditions or situations.

Command Syntax Conventions

Bold and italic text identify command syntax components. Delimiters and operators define groupings of parameters and their logical relationships.

| Convention | Description |
|------------------------------------|---|
| bold text | Identifies command names, keywords, and command options. |
| <i>italic text</i> | Identifies a variable. |
| [] | Syntax components displayed within square brackets are optional. Default responses to system prompts are enclosed in square brackets. |
| { x y z } | A choice of required parameters is enclosed in curly brackets separated by vertical bars. You must select one of the options. |
| x y | A vertical bar separates mutually exclusive elements. |
| < > | Nonprinting characters, for example, passwords, are enclosed in angle brackets. |
| ... | Repeat the previous element, for example, <i>member[member...]</i> . |
| \ | Indicates a “soft” line break in command examples. If a backslash separates two lines of a command input, enter the entire command at the prompt without the backslash. |

Document Feedback

Ruckus is interested in improving its documentation and welcomes your comments and suggestions.

You can email your comments to Ruckus at ruckus-docs@arris.com.

When contacting us, include the following information:

- Document title and release number
- Document part number (on the cover page)
- Page number (if appropriate)

For example:

- Ruckus SmartZone Upgrade Guide, Release 5.0
- Part number: 800-71850-001 Rev A
- Page 7

Ruckus Product Documentation Resources

Visit the Ruckus website to locate related documentation for your product and additional Ruckus resources.

Release Notes and other user documentation are available at <https://support.ruckuswireless.com/documents>. You can locate the documentation by product or perform a text search. Access to Release Notes requires an active support contract and a Ruckus Support Portal user account. Other technical documentation content is available without logging in to the Ruckus Support Portal.

White papers, data sheets, and other product documentation are available at <https://www.ruckuswireless.com>.

Online Training Resources

To access a variety of online Ruckus training modules, including free introductory courses to wireless networking essentials, site surveys, and Ruckus products, visit the Ruckus Training Portal at <https://training.ruckuswireless.com>.

Contacting Ruckus Customer Services and Support

The Customer Services and Support (CSS) organization is available to provide assistance to customers with active warranties on their Ruckus products, and customers and partners with active support contracts.

For product support information and details on contacting the Support Team, go directly to the Ruckus Support Portal using <https://support.ruckuswireless.com>, or go to <https://www.ruckuswireless.com> and select **Support**.

What Support Do I Need?

Technical issues are usually described in terms of priority (or severity). To determine if you need to call and open a case or access the self-service resources, use the following criteria:

- Priority 1 (P1)—Critical. Network or service is down and business is impacted. No known workaround. Go to the **Open a Case** section.
- Priority 2 (P2)—High. Network or service is impacted, but not down. Business impact may be high. Workaround may be available. Go to the **Open a Case** section.
- Priority 3 (P3)—Medium. Network or service is moderately impacted, but most business remains functional. Go to the **Self-Service Resources** section.
- Priority 4 (P4)—Low. Requests for information, product documentation, or product enhancements. Go to the **Self-Service Resources** section.

Open a Case

When your entire network is down (P1), or severely impacted (P2), call the appropriate telephone number listed below to get help:

- Continental United States: 1-855-782-5871
- Canada: 1-855-782-5871
- Europe, Middle East, Africa, Central and South America, and Asia Pacific, toll-free numbers are available at <https://support.ruckuswireless.com/contact-us> and Live Chat is also available.
- Worldwide toll number for our support organization. Phone charges will apply: +1-650-265-0903

We suggest that you keep a physical note of the appropriate support number in case you have an entire network outage.

Self-Service Resources

The Ruckus Support Portal at <https://support.ruckuswireless.com> offers a number of tools to help you to research and resolve problems with your Ruckus products, including:

- Technical Documentation—<https://support.ruckuswireless.com/documents>

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Contacting Ruckus Customer Services and Support

- Community Forums—<https://forums.ruckuswireless.com/ruckuswireless/categories>
- Knowledge Base Articles—<https://support.ruckuswireless.com/answers>
- Software Downloads and Release Notes—https://support.ruckuswireless.com/#products_grid
- Security Bulletins—<https://support.ruckuswireless.com/security>

Using these resources will help you to resolve some issues, and will provide TAC with additional data from your troubleshooting analysis if you still require assistance through a support case or RMA. If you still require help, open and manage your case at https://support.ruckuswireless.com/case_management.

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Introduction

This *Reference Guide* provides information on the Ruckus Wireless ZoneDirector Simple Network Management Protocol (SNMP) Management Information Base objects (MIBs) that ZoneDirector supports.

NOTE

For information on how to enable SNMP trap delivery and configure other SNMP settings using the ZoneDirector web interface, refer to the *ZoneDirector User Guide*.

Most user guides and release notes are available in Adobe Acrobat Reader Portable Document Format (PDF) or HTML on the Ruckus Networks support site:

<https://support.ruckuswireless.com/documents>.

Related Documentation

In addition to this *Reference Guide*, each ZoneDirector documentation set includes the following:

- *User Guide*: Provides instructions for setup, configuration and management of ZoneDirector and ZoneFlex access points.
- *Online Help*: Provides instructions for performing tasks using the ZoneDirector web interface. The online help is accessible from the web interface and is searchable.
- *Release Notes*: Provide information about the current software release, including new features, enhancements, and known issues.

Standard MIBs

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Standard MIBs That ZoneDirector Supports

ZoneDirector supports standard SNMPv2 MIB objects as defined in RFC 1213.

The following table lists the SNMP standard MIBs that ZoneDirector supports:

| Name | OID |
|------------------|------------------|
| system | 1.3.6.1.2.1.1 |
| interfaces | 1.3.6.1.2.1.2 |
| ip | 1.3.6.1.2.1.4 |
| ipAddrTable | 1.3.6.1.2.1.4.20 |
| ipRouteTable | 1.3.6.1.2.1.4.21 |
| ipForward | 1.3.6.1.2.1.4.24 |
| ipv6IpForwarding | 1.3.6.1.2.1.4.25 |
| icmp | 1.3.6.1.2.1.5 |
| tcp | 1.3.6.1.2.1.6 |
| udp | 1.3.6.1.2.1.7 |
| snmp | 1.3.6.1.2.1.11 |

Events and Traps

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Event MIBs Overview

This section describes ZoneDirector and AP events and traps that are triggered when an event occurs, along with possible causes for the event and recommended actions to take (if any).

The MIBs described in this section are contained in the RUCKUS-ZD-EVENT-MIB.txt file. This section is divided into the following subsections:

- [ZoneDirector Event MIB Group](#) on page 17
- [Ruckus ZD Event Objects](#) on page 42
- [AP and Client Event MIB Group](#) on page 46
- [ZD Event Trap Switch Commands](#) on page 48

ZoneDirector Event MIB Group

The ruckusZDEventTraps MIB tree contains events that trigger SNMP traps to be delivered to an SNMP receiver.

ruckusZDEventAPJoinTrap

TABLE 2 ruckusZDEventAPJoinTrap

| | |
|---------------------|---|
| Name | ruckusZDEventAPJoinTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.1 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when there is an AP join event. The AP's MAC address is enclosed. |
| Recommended Actions | None |

ruckusZDEventSSIDspooftap

TABLE 3 ruckusZDEventSSIDspooftap

| Name | ruckusZDEventSSIDspooftap |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.2 |
| Severity | Major |
| Statu | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventSSID |
| Description | Trigger when a SSID-spoofing rogue AP is detected. The rogue AP's MAC address and SSID are enclosed. |
| Recommended Actions | Locate the Rogue AP and disconnect it from the network. |

ruckusZDEventMACspooftap

TABLE 4 ruckusZDEventMACspooftap

| Name | ruckusZDEventMACspooftap |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.3 |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial, |
| | ruckusZDEventNEID, |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventSSID |
| Description | Trigger when a MAC-spoofing rogue AP is detected. The rogue AP's MAC address and SSID are enclosed. |
| Recommended Actions | Locate the Rogue AP and disconnect it from the network. |

ruckusZDEventRogueAPTrap

TABLE 5 ruckusZDEventRogueAPTrap

| Name | ruckusZDEventRogueAPTrap |
|------|---------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.4 |

TABLE 5 ruckusZDEventRogueAPTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventRogueAPTrap |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial, ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventSSID |
| Description | Trigger when a rogue AP is detected. The rogue AP's MAC address and SSID are enclosed. |
| Recommended Actions | Locate the Rogue AP and disconnect it from the network. |

ruckusZDEventAPLostTrap

TABLE 6 ruckusZDEventAPLostTrap

| | |
|---------------------|--|
| Name | ruckusZDEventAPLostTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.5 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventAPMacAddr |
| Description | Trigger when AP lost contact. The AP's MAC address is enclosed. |
| Recommended Actions | Ensure that the AP's uplink connection (wired or mesh) is available. |

ruckusZDEventAPLostHeartbeatTrap

TABLE 7 ruckusZDEventAPLostHeartbeatTrap

| | |
|----------|--|
| Name | ruckusZDEventAPLostHeartbeatTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.6 |
| Severity | Medium |
| Status | Current |
| Objects | ruckusZDEventSerial ruckusZDEventNEID |

TABLE 7 ruckusZDEventAPLostHeartbeatTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventAPLostHeartbeatTrap |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when AP lost heartbeats. The AP's MAC address is enclosed. |
| Recommended Actions | Check connection stability between ZD and AP. |

ruckusZDEventClientAuthFailBlockTrap

TABLE 8 ruckusZDEventClientAuthFailBlockTrap

| | |
|---------------------|---|
| Name | ruckusZDEventClientAuthFailBlockTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.7 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Triggered when a client fails authentication too many times in a row. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | Ensure that the client has proper authentication credentials. |

ruckusZDEventAPResetTrap

TABLE 9 ruckusZDEventAPResetTrap

| | |
|----------|---------------------------|
| Name | ruckusZDEventAPResetTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.8 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |

TABLE 9 ruckusZDEventAPResetTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventAPResetTrap |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when AP reboots. The AP's MAC address is enclosed. |
| Recommended Actions | None. |

ruckusZDEventIPChangeTrap

TABLE 10 ruckusZDEventIPChangeTrap

| | |
|---------------------|---------------------------|
| Name | ruckusZDEventIPChangeTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.9 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when IP changes. |
| Recommended Actions | None. |

ruckusZDEventSystemColdStartTrap

TABLE 11 ruckusZDEventSystemColdStartTrap

| | |
|----------|----------------------------------|
| Name | ruckusZDEventSystemColdStartTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.10 |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |

TABLE 11 ruckusZDEventSystemColdStartTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventSystemColdStartTrap |
| Description | Trigger when system performs cold start. |
| Recommended Actions | None. |

ruckusZDEventAPChannelChangeTrap

TABLE 12 ruckusZDEventAPChannelChangeTrap

| | |
|---------------------|----------------------------------|
| Name | ruckusZDEventAPChannelChangeTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.11 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent, |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when AP channel changes. |
| Recommended Actions | None. |

ruckusZDEventRadiusAuthUnavailableTrap

TABLE 13 ruckusZDEventRadiusAuthUnavailableTrap

| | |
|---------------------|--|
| Name | ruckusZDEventRadiusAuthUnavailableTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.12 |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when RADIUS authentication server unavailable. |
| Recommended Actions | Check the connectivity between ZoneDirector and the RADIUS server. |

ruckusZDEventRadiusAcctUnavailableTrap

TABLE 14 ruckusZDEventRadiusAcctUnavailableTrap

| Name | ruckusZDEventRadiusAcctUnavailableTrap |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.13 |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when RADIUS accounting server unavailable. |
| Recommended Actions | Check the connectivity between ZoneDirector and the RADIUS server. |

ruckusZDEventClientJoinFailAPBusyTrap

TABLE 15 ruckusZDEventClientJoinFailAPBusyTrap

| Name | ruckusZDEventClientJoinFailAPBusyTrap |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.14 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when client fails to join because AP is busy. |
| Recommended Actions | None. |

ruckusZDEventInterferenceADHoc

TABLE 16 ruckusZDEventInterferenceADHoc

| Name | ruckusZDEventInterferenceADHoc |
|----------|--------------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.15 |
| Severity | Medium |
| Status | current |

TABLE 16 ruckusZDEventInterferenceADHoc (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventInterferenceADHoc |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | Description |
| Recommended Actions | Locate the origin of the ad hoc network and disconnect it. |

ruckusZDEventImageUpgradeFailTrap

TABLE 17 ruckusZDEventImageUpgradeFailTrap

| | |
|---------------------|--|
| Name | ruckusZDEventImageUpgradeFailTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.16 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | Description |
| Recommended Actions | Delete the AP from ZoneDirector, factory reset the AP, then let it rejoin and attempt upgrade again. |

ruckusZDEventHeartbeatTrap

TABLE 18 ruckusZDEventHeartbeatTrap

| | |
|----------|----------------------------|
| Name | ruckusZDEventHeartbeatTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.22 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |

TABLE 18 ruckusZDEventHeartbeatTrap (continued)

| | |
|---------------------|-----------------------------------|
| Name | ruckusZDEventHeartbeatTrap |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger with trap heartbeat sent. |
| Recommended Actions | None. |

ruckusZDEventAttackedTrap

TABLE 19 ruckusZDEventAttackedTrap

| | |
|---------------------|---|
| Name | ruckusZDEventAttackedTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.24 |
| Severity | Major |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when a malicious attack is detected. |
| Recommended Actions | Enable Wireless Intrusion Prevention System from the Configure > WIPS page. |

ruckusZDEventSystemWarmStartTrap

TABLE 20 ruckusZDEventSystemWarmStartTrap

| | |
|----------|----------------------------------|
| Name | ruckusZDEventSystemWarmStartTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.25 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |

TABLE 20 ruckusZDEventSystemWarmStartTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventSystemWarmStartTrap |
| Description | Trigger when system performs warm start. |
| Recommended Actions | None. |

ruckusZDEventInterfereAPTrap

TABLE 21 ruckusZDEventInterfereAPTrap

| | |
|---------------------|--|
| Name | ruckusZDEventInterfereAPTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.26 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when a rogue AP used same channel with current AP is detected. |
| Recommended Actions | Locate the rogue AP and disconnect it from the network. |

ruckusZDEventAPSystemColdStartTrap

TABLE 22 ruckusZDEventAPSystemColdStartTrap

| | |
|---------------------|---|
| Name | ruckusZDEventAPSystemColdStartTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.31 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when an AP performs cold start. |
| Recommended Actions | None. |

ruckusZDEventAPSystemWarmStartTrap

TABLE 23 ruckusZDEventAPSystemWarmStartTrap

| Name | ruckusZDEventAPSystemWarmStartTrap |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.32 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when an AP performs warm start. |
| Recommended Actions | None. |

ruckusZDEventAPSSIDChangedTrap

TABLE 24 ruckusZDEventAPSSIDChangedTrap

| Name | ruckusZDEventAPSSIDChangedTrap |
|---------------------|----------------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.33 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when an AP SSID changed. |
| Recommended Actions | None. |

ruckusZDEventAPClientExceedValve

TABLE 25 ruckusZDEventAPClientExceedValve

| Name | ruckusZDEventAPClientExceedValve |
|----------|----------------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.34 |
| Severity | Medium |
| Status | current |

TABLE 25 ruckusZDEventAPClientExceedValve (continued)

| | |
|---------------------|---|
| Name | ruckusZDEventAPClientExceedValve |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when online client from AP is exceed valve. |
| Recommended Actions | Reduce clients per AP. |

ruckusZDEventAPAvailableStatusTrap

TABLE 26 ruckusZDEventAPAvailableStatusTrap

| | |
|---------------------|------------------------------------|
| Name | ruckusZDEventAPAvailableStatusTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.35 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | Description |
| Recommended Actions | None. |

ruckusZDEventAPWirelessInterfaceFaultTrap

TABLE 27 ruckusZDEventAPWirelessInterfaceFaultTrap

| | |
|----------|---|
| Name | ruckusZDEventAPWirelessInterfaceFaultTrap |
| OID | 1.3.6.1.4.1.25053.2.2.1.36 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |

TABLE 27 ruckusZDEventAPWirelessInterfaceFaultTrap (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventAPWirelessInterfaceFaultTrap |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when AP wireless interface fault occurs. |
| Recommended Actions | Reboot the AP. |

ruckusZDEventSystemCpuUtilExceedValve

TABLE 28 ruckusZDEventSystemCpuUtilExceedValve

| | |
|---------------------|---|
| Name | ruckusZDEventSystemCpuUtilExceedValve |
| OID | 1.3.6.1.4.1.25053.2.2.1.37 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when System CPU utilization exceeds specified value. |
| Recommended Actions | Identify the source of high CPU utilization (clear log files, disable debugging processes, disable Real Time Monitoring, etc.). |

ruckusZDEventSystemMemUtilExceedValve

TABLE 29 ruckusZDEventSystemMemUtilExceedValve

| | |
|----------|---------------------------------------|
| Name | ruckusZDEventSystemMemUtilExceedValve |
| OID | 1.3.6.1.4.1.25053.2.2.1.38 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |

TABLE 29 ruckusZDEventSystemMemUtilExceedValve (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventSystemMemUtilExceedValve |
| Description | Trigger when system memory utilization exceeds specifiedvalue. |
| Recommended Actions | Identify the source of high memory utilization (clear log files, disable debugging processes, disable Real Time Monitoring, etc.). |

ruckusZDEventSystemBandwidthUtilExceedValve

TABLE 30 ruckusZDEventSystemBandwidthUtilExceedValve

| | |
|---------------------|--|
| Name | ruckusZDEventSystemBandwidthUtilExceedValve |
| OID | 1.3.6.1.4.1.25053.2.2.1.39 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when system bandwidth utilization is exceed valve. |
| Recommended Actions | Reduce bandwidth utilization or increase bandwidth capacity. |

ruckusZDEventSystemDropPacketRateExceedValve

TABLE 31 ruckusZDEventSystemDropPacketRateExceedValve

| | |
|---------------------|---|
| Name | ruckusZDEventSystemDropPacketRateExceedValve |
| OID | 1.3.6.1.4.1.25053.2.2.1.40 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when system drop packet rate exceeds specified value. |
| Recommended Actions | None. |

ruckusZDEventAPSyncTimeFail

TABLE 32 ruckusZDEventAPSyncTimeFail

| Name | ruckusZDEventAPSyncTimeFail |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.41 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when AP clock synchronization with controller fails. |
| Recommended Actions | None. |

ruckusZDEventSystemCpuUtilClrWarn

TABLE 33 ruckusZDEventSystemCpuUtilClrWarn

| Name | ruckusZDEventSystemCpuUtilClrWarn |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.42 |
| Severit | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when system CPU utilization is under the specifiedvalue. |
| Recommended Actions | None. |

ruckusZDEventSystemMemUtilClrwarn

TABLE 34 ruckusZDEventSystemMemUtilClrwarn

| Name | ruckusZDEventSystemMemUtilClrwarn |
|----------|-----------------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.43 |
| Severity | Medium |
| Status | current |

TABLE 34 ruckusZDEventSystemMemUtilClrwarn (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventSystemMemUtilClrwarn |
| Objects | ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent |
| Description | Trigger when system memory utilization is under the specified value. |
| Recommended Actions | None. |

ruckusZDEventClientJoin

TABLE 35 ruckusZDEventClientJoin

| | |
|---------------------|--|
| Name | ruckusZDEventClientJoin |
| OID | 1.3.6.1.4.1.25053.2.2.1.60 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial, ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventClientMacAddr, ruckusZDEventAPMacAddr, ruckusZDEventSSID |
| Description | Triggered when a client joins an AP successfully.The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventClientJoinFailed

TABLE 36 ruckusZDEventClientJoinFailed

| | |
|----------|--|
| Name | ruckusZDEventClientJoinFailed |
| OID | 1.3.6.1.4.1.25053.2.2.1.61 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial ruckusZDEventNEID |

TABLE 36 ruckusZDEventClientJoinFailed (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventClientJoinFailed |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| | ruckusZDEventReason |
| Description | Triggered when a client attempt to join an AP fails. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | Examine trap contents to determine cause of client join failure. |

ruckusZDEventClientJoinFailedAPBusy

TABLE 37 ruckusZDEventClientJoinFailedAPBusy

| | |
|---------------------|---|
| Name | ruckusZDEventClientJoinFailedAPBusy |
| OID | 1.3.6.1.4.1.25053.2.2.1.62 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Trigger when a client attempt to join an AP fails because AP is too busy. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventClientDisconnect

TABLE 38 ruckusZDEventClientDisconnect

| | |
|----------|-------------------------------|
| Name | ruckusZDEventClientDisconnect |
| OID | 1.3.6.1.4.1.25053.2.2.1.63 |
| Severity | Medium |
| Status | current |

TABLE 38 ruckusZDEventClientDisconnect (continued)

| Name | ruckusZDEventClientDisconnect |
|---------------------|---|
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Triggered when a client disconnect from AP. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventClientRoamOut

TABLE 39 ruckusZDEventClientRoamOut

| Name | ruckusZDEventClientRoamOut |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.64 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr, |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Triggered when a client roams out from AP. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventClientRoamIn

TABLE 40 ruckusZDEventClientRoamIn

| Name | ruckusZDEventClientRoamIn |
|--------|----------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.65 |
| Status | current |

TABLE 40 ruckusZDEventClientRoamIn (continued)

| | |
|---------------------|---|
| Name | ruckusZDEventClientRoamIn |
| Severity | Minor |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Triggered when a client roams in from AP. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventClientAuthFailed

TABLE 41 ruckusZDEventClientAuthFailed

| | |
|---------------------|--|
| Name | ruckusZDEventClientAuthFailed |
| OID | 1.3.6.1.4.1.25053.2.2.1.66 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| | ruckusZDEventReason |
| Description | Triggered when a client authentication failure occurs. The failure reason, client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | Check the client authentication credentials. |

ruckusZDEventClientAuthorizationFailed

TABLE 42 ruckusZDEventClientAuthorizationFailed

| Name | ruckusZDEventClientAuthorizationFailed |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.67 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventClientMacAddr |
| | ruckusZDEventAPMacAddr |
| | ruckusZDEventSSID |
| Description | Triggered when a client has no authorization to join an AP. The client's MAC address, AP's MAC address and SSID are enclosed. |
| Recommended Actions | None |

ruckusZDEventAPCPUvalve

TABLE 43 ruckusZDEventAPCPUvalve

| Name | ruckusZDEventAPCPUvalve |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.83 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Triggered when AP CPU utilization exceeds value. |
| Recommended Actions | None |

ruckusZDEventAPMEMvalve

TABLE 44 ruckusZDEventAPMEMvalve

| Name | ruckusZDEventAPMEMvalve |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.84 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Triggered when AP memory utilization exceeds value. |
| Recommended Actions | None |

ruckusZDEventAPCPUvalveClrwarn

TABLE 45 ruckusZDEventAPCPUvalveClrwarn

| Name | ruckusZDEventAPCPUvalveClrwarn |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.85 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when AP CPU utilization is under the value. |
| Recommended Actions | None |

ruckusZDEventAPMEMvalveClrwarn

TABLE 46 ruckusZDEventAPMEMvalveClrwarn

| Name | ruckusZDEventAPMEMvalveClrwarn |
|------|--------------------------------|
| OID | 1.3.6.1.4.1.25053.2.2.1.86 |

TABLE 46 ruckusZDEventAPMEMvalseClrwarn (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventAPMEMvalseClrwarn |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when AP CPU memory is under the value. |
| Recommended Actions | None |

ruckusZDEventAPNumStaExceedValveClrwarn

TABLE 47 ruckusZDEventAPNumStaExceedValveClrwarn

| | |
|---------------------|--|
| Name | ruckusZDEventAPNumStaExceedValveClrwarn |
| OID | 1.3.6.1.4.1.25053.2.2.1.87 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| | ruckusZDEventAPMacAddr |
| Description | Trigger when online client warning is cleared. |
| Recommended Actions | None |

ruckusZDEventDhcpPoolFull

TABLE 48 ruckusZDEventDhcpPoolFull

| | |
|----------|----------------------------|
| Name | ruckusZDEventDhcpPoolFull |
| OID | 1.3.6.1.4.1.25053.2.2.1.88 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventSerial |

TABLE 48 ruckusZDEventDhcpPoolFull (continued)

| | |
|---------------------|---------------------------------|
| Name | ruckusZDEventDhcpPoolFull |
| | ruckusZDEventNEID |
| | ruckusZDEventSeverity |
| | ruckusZDEventType |
| | ruckusZDEventTime |
| | ruckusZDEventStatus |
| | ruckusZDEventTitle |
| | ruckusZDEventContent |
| Description | Trigger when DHCP pool is full. |
| Recommended Actions | None |

ruckusZDEventDhcpPoolAbun

TABLE 49 ruckusZDEventDhcpPoolAbun

| | |
|---------------------|---|
| Name | ruckusZDEventDhcpPoolAbun |
| OID | 1.3.6.1.4.1.25053.2.2.1.89 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventSerial, ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent |
| Description | Trigger when DHCP pool is abundant. |
| Recommended Actions | None |

ruckusZDEventSmartRedundancyChangetoActive

TABLE 50 ruckusZDEventSmartRedundancyChangetoActive

| | |
|---------------------|---|
| Name | ruckusZDEventSmartRedundancyChangetoActive |
| OID | 1.3.6.1.4.1.25053.2.2.1.100 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [Smart Redundancy] Peer ZoneDirector peer IP not found, system changed to active state. |
| Recommended Actions | None |

ruckusZDEventSmartRedundancyActiveConnected

TABLE 51 ruckusZDEventSmartRedundancyActiveConnected

| Name | ruckusZDEventSmartRedundancyActiveConnected |
|---------------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.101 |
| Severity | Minor |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [Smart Redundancy] connected, system is in active state. |
| Recommended Actions | None |

ruckusZDEventSmartRedundancyActiveDisconnected

TABLE 52 ruckusZDEventSmartRedundancyActiveDisconnected

| Name | ruckusZDEventSmartRedundancyActiveDisconnected |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.102 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [Smart Redundancy] disconnected, system is in active state. |
| Recommended Actions | None |

ruckusZDEventSmartRedundancyStandbyConnected

TABLE 53 ruckusZDEventSmartRedundancyStandbyConnected

| Name | ruckusZDEventSmartRedundancyStandbyConnected |
|---------------------|---|
| OID | 1.3.6.1.4.1.25053.2.2.1.103 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [Smart Redundancy] connected, system is in standby state. |
| Recommended Actions | None |

ruckusZDEventSmartRedundancyStandbyDisconnected

TABLE 54 ruckusZDEventSmartRedundancyStandbyDisconnected

| Name | ruckusZDEventSmartRedundancyStandbyDisconnected |
|-------------|--|
| OID | 1.3.6.1.4.1.25053.2.2.1.104 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [Smart Redundancy] disconnected, system is in standby state. |

TABLE 54 ruckusZDEventSmartRedundancyStandbyDisconnected (continued)

| | |
|---------------------|---|
| Name | ruckusZDEventSmartRedundancyStandbyDisconnected |
| Recommended Actions | None |

ruckusZDEventLBSAdminEnabled

TABLE 55 ruckusZDEventLBSAdminEnabled

| | |
|---------------------|---|
| Name | ruckusZDEventLBSAdminEnabled |
| OID | 1.3.6.1.4.1.25053.2.2.1.120 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] Admin enables location database server. |
| Recommended Actions | None |

ruckusZDEventLBSAdminDisabled

TABLE 56 ruckusZDEventLBSAdminDisabled

| | |
|---------------------|--|
| Name | ruckusZDEventLBSAdminDisabled |
| OID | 1.3.6.1.4.1.25053.2.2.1.121 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] Admin disables location database server. |
| Recommended Actions | None |

ruckusZDEventLBSZDLSConnectionUp

TABLE 57 ruckusZDEventLBSZDLSConnectionUp

| | |
|---------------------|--|
| Name | ruckusZDEventLBSZDLSConnectionUp |
| OID | 1.3.6.1.4.1.25053.2.2.1.122 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] Connection between ZD and LS server up |
| Recommended Actions | None |

ruckusZDEventLBSZDLSConnectionDown

TABLE 58 ruckusZDEventLBSZDLSConnectionDown

| | |
|------|------------------------------------|
| Name | ruckusZDEventLBSZDLSConnectionDown |
| OID | 1.3.6.1.4.1.25053.2.2.1.123 |

TABLE 58 ruckusZDEventLBSZDLSCONNECTIONDOWN (continued)

| | |
|---------------------|--|
| Name | ruckusZDEventLBSZDLSCONNECTIONDOWN |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] Connection between ZD and LS server down |
| Recommended Actions | None |

ruckusZDEventLBSReceiveCMDFootfall

TABLE 59 ruckusZDEventLBSReceiveCMDFootfall

| | |
|---------------------|--|
| Name | ruckusZDEventLBSReceiveCMDFootfall |
| OID | 1.3.6.1.4.1.25053.2.2.1.124 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] ZD receives passive tracking footfall command from LS. |
| Recommended Actions | None |

ruckusZDEventLBSReceiveCMDCalibration

TABLE 60 ruckusZDEventLBSReceiveCMDCalibration

| | |
|---------------------|---|
| Name | ruckusZDEventLBSReceiveCMDCalibration |
| OID | 1.3.6.1.4.1.25053.2.2.1.125 |
| Severity | Medium |
| Status | current |
| Objects | ruckusZDEventIPAddr |
| Description | [LBS] ZD receives passive tracking calibration command from LS. |
| Recommended Actions | None |

Ruckus ZD Event Objects

The objects in the following section are contained in the ruckusZDEventObjects tree and are used in traps to specify details for the trap.

ruckusZDEventSerial

TABLE 61 ruckusZDEventSerial

| | |
|--------|---------------------------|
| Name | ruckusZDEventSerial |
| OID | 1.3.6.1.4.1.25053.2.2.2.1 |
| Syntax | OCTET STRING |
| Status | current |

TABLE 61 ruckusZDEventSerial (continued)

| | |
|-------------|-----------------------|
| Name | ruckusZDEventSerial |
| Max Access | accessible-for-notify |
| Description | Trap serial number. |

ruckusZDEventNEID

TABLE 62 ruckusZDEventNEID

| | |
|-------------|---------------------------|
| Name | ruckusZDEventNEID |
| OID | 1.3.6.1.4.1.25053.2.2.2.2 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Network element ID. |

ruckusZDEventSeverity

TABLE 63 ruckusZDEventSeverity

| | |
|-------------|-----------------------------|
| Name | ruckusZDEventSeverity |
| OID | 1.3.6.1.4.1.25053.2.2.2.3 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Severity level of the trap. |

ruckusZDEventType

TABLE 64 ruckusZDEventType

| | |
|-------------|---------------------------|
| Name | ruckusZDEventType |
| OID | 1.3.6.1.4.1.25053.2.2.2.4 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Trap type. |

ruckusZDEventTime

TABLE 65 ruckusZDEventTime

| | |
|--------|---------------------------|
| Name | ruckusZDEventTime |
| OID | 1.3.6.1.4.1.25053.2.2.2.5 |
| Syntax | OCTET STRING |
| Status | current |

TABLE 65 ruckusZDEventTime (continued)

| | |
|-------------|--------------------------|
| Name | ruckusZDEventTime |
| Max Access | accessible-for-notify |
| Description | Time when trap occurred. |

ruckusZDEventStatus

TABLE 66 ruckusZDEventStatus

| | |
|-------------|---------------------------|
| Name | ruckusZDEventStatus |
| OID | 1.3.6.1.4.1.25053.2.2.2.6 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Trap status. |

ruckusZDEventTitle

TABLE 67 ruckusZDEventTitle

| | |
|-------------|---------------------------|
| Name | ruckusZDEventTitle |
| OID | 1.3.6.1.4.1.25053.2.2.2.7 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Trap title. |

ruckusZDEventContent

TABLE 68 ruckusZDEventContent

| | |
|-------------|---------------------------|
| Name | ruckusZDEventContent |
| OID | 1.3.6.1.4.1.25053.2.2.2.8 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Trap content. |

ruckusZDEventClientMacAddr

TABLE 69 ruckusZDEventClientMacAddr

| | |
|--------|----------------------------|
| Name | ruckusZDEventClientMacAddr |
| OID | 1.3.6.1.4.1.25053.2.2.2.15 |
| Syntax | OCTET STRING |
| Status | current |

TABLE 69 ruckusZDEventClientMacAddr (continued)

| | |
|-------------|----------------------------|
| Name | ruckusZDEventClientMacAddr |
| Max Access | accessible-for-notify |
| Description | The client's MAC address. |

ruckusZDEventAPMacAddr

TABLE 70 ruckusZDEventAPMacAddr

| | |
|-------------|----------------------------|
| Name | ruckusZDEventAPMacAddr |
| OID | 1.3.6.1.4.1.25053.2.2.2.18 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | The AP's MAC address. |

ruckusZDEventRogueMacAddr

TABLE 71 ruckusZDEventRogueMacAddr

| | |
|-------------|-----------------------------|
| Name | ruckusZDEventRogueMacAddr |
| OID | 1.3.6.1.4.1.25053.2.2.2.20 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | The rogue AP's MAC address. |

ruckusZDEventSSID

TABLE 72 ruckusZDEventSSID

| | |
|-------------|----------------------------|
| Name | ruckusZDEventSSID |
| OID | 1.3.6.1.4.1.25053.2.2.2.23 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | SSID. |

ruckusZDEventChannel

TABLE 73 ruckusZDEventChannel

| | |
|--------|----------------------------|
| Name | ruckusZDEventChannel |
| OID | 1.3.6.1.4.1.25053.2.2.2.25 |
| Syntax | Unsigned32 |
| Status | current |

TABLE 73 ruckusZDEventChannel (continued)

| | |
|-------------|-----------------------|
| Name | ruckusZDEventChannel |
| Max Access | accessible-for-notify |
| Description | Channel. |

ruckusZDEventReason

TABLE 74 ruckusZDEventReason

| | |
|-------------|----------------------------|
| Name | ruckusZDEventReason |
| OID | 1.3.6.1.4.1.25053.2.2.2.28 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | Failure reason. |

ruckusZDEventIpAddr

TABLE 75 ruckusZDEventIpAddr

| | |
|-------------|-----------------------------|
| Name | ruckusZDEventIpAddr |
| OID | 1.3.6.1.4.1.25053.2.2.2.30 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | IP address (IPv4 and IPv6). |

AP and Client Event MIB Group

The following section contains SNMP traps and objects delivered for AP-related events.

- [AP/Client Event Traps](#) on page 46
- [AP/Client Event Objects](#) on page 48

AP/Client Event Traps

ruckusEventAssocTrap

TABLE 76 ruckusEventAssocTrap

| | |
|-------------|---|
| Name | ruckusEventAssocTrap |
| OID | 1.3.6.1.4.1.25053.2.1.1.1 |
| Severity | Minor |
| Objects | 1: ruckusEventClientMacAddr |
| Description | Trigger when there is a client association event. The client's MAC address is enclosed. |

TABLE 76 ruckusEventAssocTrap (continued)

| | |
|--------------------|----------------------|
| Name | ruckusEventAssocTrap |
| Recommended Action | None |

ruckusEventDiassocTrap

TABLE 77 ruckusEventDiassocTrap

| | |
|--------------------|--|
| Name | ruckusEventDiassocTrap |
| OID | 1.3.6.1.4.1.25053.2.1.1.2 |
| Severity | Minor |
| Status | current |
| Objects | 1: ruckusEventClientMacAddr |
| Description | Trigger when there is a client disassociation event. The client's MAC address is enclosed. |
| Recommended Action | None. |

ruckusEventSetErrorTrap

TABLE 78 ruckusEventSetErrorTrap

| | |
|--------------------|---|
| Name | ruckusEventSetErrorTrap |
| OID | 1.3.6.1.4.1.25053.2.1.1.3 |
| Severity | Minor |
| Status | current |
| Objects | 1: ruckusSetErrorOID |
| Description | Trigger when there is an snmp-set error event. The OID of the snmp-set is enclosed. |
| Recommended Action | None. |

ruckusEventConnectTrap

TABLE 79 ruckusEventConnectTrap

| | |
|--------------------|--|
| Name | ruckusEventConnectTrap |
| OID | 1.3.6.1.4.1.25053.2.1.1.25 |
| Severity | Minor |
| Status | current |
| Objects | 1: ruckusEventClientMacAddr |
| Description | Trigger when there is an AP connect event. The AP's MAC address is enclosed. |
| Recommended Action | None. |

ruckusEventDisconnectTrap

TABLE 80 ruckusEventDisconnectTrap

| | |
|--------------------|---|
| Name | ruckusEventDisconnectTrap |
| OID | 1.3.6.1.4.1.25053.2.1.1.26 |
| Severity | Minor |
| Status | current |
| Objects | 1: ruckusEventClientMacAddr |
| Description | Trigger when there is an AP disconnect event. The AP's MAC address is enclosed. |
| Recommended Action | None. |

AP/Client Event Objects

ruckusEventClientMacAddr

TABLE 81 ruckusEventClientMacAddr

| | |
|-------------|----------------------------|
| Name | ruckusEventClientMacAddr |
| OID | 1.3.6.1.4.1.25053.2.1.2.15 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | The client's MAC address. |

ruckusEventSetErrorOID

TABLE 82 ruckusEventSetErrorOID

| | |
|-------------|----------------------------|
| Name | ruckusEventSetErrorOID |
| OID | 1.3.6.1.4.1.25053.2.1.2.20 |
| Syntax | OCTET STRING |
| Status | current |
| Max Access | accessible-for-notify |
| Description | OID of the error snmp-set. |

ZD Event Trap Switch Commands

The objects in the following section are contained in the ruckusZDEventTrap-SwitchCmd tree and are used to enable/disable SNMP trap switch commands.

ruckusZDEventAPJoinTrapSwitchCmd

TABLE 83 ruckusZDEventAPJoinTrapSwitchCmd

| Name | ruckusZDEventAPJoinTrapSwitchCmd |
|-------------|----------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 1 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSSIDSpooftTrapSwitchCmd

TABLE 84 ruckusZDEventSSIDSpooftTrapSwitchCmd

| Name | ruckusZDEventSSIDSpooftTrapSwitchCmd |
|-------------|--------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 2 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventMACSpooftTrapSwitchCmd

TABLE 85 ruckusZDEventMACSpooftTrapSwitchCmd

| Name | ruckusZDEventMACSpooftTrapSwitchCmd |
|-------------|-------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 3 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventRogueAPTrapSwitchCmd

TABLE 86 ruckusZDEventRogueAPTrapSwitchCmd

| Name | ruckusZDEventRogueAPTrapSwitchCmd |
|-------------|-----------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 4 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPLostTrapSwitchCmd

TABLE 87 ruckusZDEventAPLostTrapSwitchCmd

| Name | ruckusZDEventAPLostTrapSwitchCmd |
|-------------|----------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 5 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPLostTrapSwitchCmd

TABLE 88 ruckusZDEventAPLostTrapSwitchCmd

| Name | ruckusZDEventAPLostTrapSwitchCmd |
|-------------|----------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 5 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPLostHeartbeatTrapSwitchCmd

TABLE 89 ruckusZDEventAPLostHeartbeatTrapSwitchCmd

| Name | ruckusZDEventAPLostHeartbeatTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 6 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientAuthFailBlockTrapSwitchCmd

TABLE 90 ruckusZDEventClientAuthFailBlockTrapSwitchCmd

| Name | ruckusZDEventClientAuthFailBlockTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 7 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPResetTrapSwitchCmd

TABLE 91 ruckusZDEventAPResetTrapSwitchCmd

| Name | ruckusZDEventAPResetTrapSwitchCmd |
|-------------|-----------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 8 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventIPChangeSwitchCmd

TABLE 92 ruckusZDEventIPChangeSwitchCmd

| Name | ruckusZDEventIPChangeSwitchCmd |
|-------------|---------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 9 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemColdStartTrapSwitchCmd

TABLE 93 ruckusZDEventSystemColdStartTrapSwitchCmd

| Name | ruckusZDEventSystemColdStartTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 10 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPChannelChangeTrapSwitchCmd

TABLE 94 ruckusZDEventAPChannelChangeTrapSwitchCmd

| Name | ruckusZDEventAPChannelChangeTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 11 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd

TABLE 95 ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd

| Name | ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 12 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd

TABLE 96 ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd

| Name | ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 13 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd

TABLE 97 ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd

| Name | ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 14 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventInterferenceAdHocTrapSwitchCmd

TABLE 98 ruckusZDEventInterferenceAdHocTrapSwitchCmd

| Name | ruckusZDEventInterferenceAdHocTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 15 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventImageUpgradeFailTrapSwitchCmd

TABLE 99 ruckusZDEventImageUpgradeFailTrapSwitchCmd

| Name | ruckusZDEventImageUpgradeFailTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 16 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventHeartbeatTrapSwitchCmd

TABLE 100 ruckusZDEventHeartbeatTrapSwitchCmd

| Name | ruckusZDEventHeartbeatTrapSwitchCmd |
|-------------|-------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 22 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAttackedTrapSwitchCmd

TABLE 101 ruckusZDEventAttackedTrapSwitchCmd

| Name | ruckusZDEventAttackedTrapSwitchCmd |
|-------------|------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 24 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemWarmStartTrapSwitchCmd

TABLE 102 ruckusZDEventSystemWarmStartTrapSwitchCmd

| Name | ruckusZDEventSystemWarmStartTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 25 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventInterfereAPTrapSwitchCmd

TABLE 103 ruckusZDEventInterfereAPTrapSwitchCmd

| Name | ruckusZDEventInterfereAPTrapSwitchCmd |
|-------------|---------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 26 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPSystemColdStartTrapSwitchCmd

TABLE 104 ruckusZDEventAPSystemColdStartTrapSwitchCmd

| Name | ruckusZDEventAPSystemColdStartTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 31 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPSystemWarmStartTrapSwitchCmd

TABLE 105 ruckusZDEventAPSystemWarmStartTrapSwitchCmd

| Name | ruckusZDEventAPSystemWarmStartTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 32 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPSSIDChangedTrapSwitchCmd

TABLE 106 ruckusZDEventAPSSIDChangedTrapSwitchCmd

| Name | ruckusZDEventAPSSIDChangedTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 33 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPClientExceedValveTrapSwitchCmd

TABLE 107 ruckusZDEventAPClientExceedValveTrapSwitchCmd

| Name | ruckusZDEventAPClientExceedValveTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 34 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd

TABLE 108 ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd

| Name | ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 36 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd

TABLE 109 ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd

| Name | ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 37 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd

TABLE 110 ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd

| Name | ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 38 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd

TABLE 111 ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 39 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd

TABLE 112 ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd

| | |
|-------------|---|
| Name | ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 40 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPSyncTimeFailTrapSwitchCmd

TABLE 113 ruckusZDEventAPSyncTimeFailTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventAPSyncTimeFailTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 41 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd

TABLE 114 ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 42 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd

TABLE 115 ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd

| Name | ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 43 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientJoinTrapSwitchCmd

TABLE 116 ruckusZDEventClientJoinTrapSwitchCmd

| Name | ruckusZDEventClientJoinTrapSwitchCmd |
|-------------|--------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 60 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientJoinFailedTrapSwitchCmd

TABLE 117 ruckusZDEventClientJoinFailedTrapSwitchCmd

| Name | ruckusZDEventClientJoinFailedTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 61 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd

TABLE 118 ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd

| Name | ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 62 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientDisconnectTrapSwitchCmd

TABLE 119 ruckusZDEventClientDisconnectTrapSwitchCmd

| Name | ruckusZDEventClientDisconnectTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 63 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientRoamOutTrapSwitchCmd

TABLE 120 ruckusZDEventClientRoamOutTrapSwitchCmd

| Name | ruckusZDEventClientRoamOutTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 64 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientRoamInTrapSwitchCmd

TABLE 121 ruckusZDEventClientRoamInTrapSwitchCmd

| Name | ruckusZDEventClientRoamInTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 65 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientAuthFailedTrapSwitchCmd

TABLE 122 ruckusZDEventClientAuthFailedTrapSwitchCmd

| Name | ruckusZDEventClientAuthFailedTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 66 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventClientAuthorizationFailedTrapSwitchC

TABLE 123 ruckusZDEventClientAuthorizationFailedTrapSwitchC

| Name | ruckusZDEventClientAuthorizationFailedTrapSwitchC |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 67 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPCPUvalveTrapSwitchCmd

TABLE 124 ruckusZDEventAPCPUvalveTrapSwitchCmd

| Name | ruckusZDEventAPCPUvalveTrapSwitchCmd |
|-------------|--------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 83 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPMEMvalveTrapSwitchCmd

TABLE 125 ruckusZDEventAPMEMvalveTrapSwitchCmd

| Name | ruckusZDEventAPMEMvalveTrapSwitchCmd |
|-------------|--------------------------------------|
| OID | ruckusZDEventTrapSwitchCmd 84 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd

TABLE 126 ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd

| Name | ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 85 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd

TABLE 127 ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd

| Name | ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd |
|-------------|---|
| OID | ruckusZDEventTrapSwitchCmd 86 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd

TABLE 128 ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd

| Name | ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 87 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventDhcpPoolFullTrapSwitchCmd

TABLE 129 ruckusZDEventDhcpPoolFullTrapSwitchCmd

| Name | ruckusZDEventDhcpPoolFullTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 88 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventDhcpPoolAbunTrapSwitchCmd

TABLE 130 ruckusZDEventDhcpPoolAbunTrapSwitchCmd

| Name | ruckusZDEventDhcpPoolAbunTrapSwitchCmd |
|-------------|--|
| OID | ruckusZDEventTrapSwitchCmd 89 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd

TABLE 131 ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd

| | |
|-------------|---|
| Name | ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 100 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd

TABLE 132 ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 101 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd

TABLE 133 ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd

| | |
|-------------|---|
| Name | ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 102 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd

TABLE 134 ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd

| | |
|------------|---|
| Name | ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 16 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |

TABLE 134 ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd (continued)

| | |
|-------------|---|
| Name | ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd |
| Description | trap switch command. |

ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd

TABLE 135 ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 104 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSAdminEnabledTrapSwitchCmd

TABLE 136 ruckusZDEventLBSAdminEnabledTrapSwitchCmd

| | |
|-------------|---|
| Name | ruckusZDEventLBSAdminEnabledTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 120 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSAdminDisabledTrapSwitchCmd

TABLE 137 ruckusZDEventLBSAdminDisabledTrapSwitchCmd

| | |
|-------------|--|
| Name | ruckusZDEventLBSAdminDisabledTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 121 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSZDLSCONNECTIONUPTrapSwitchCmd

TABLE 138 ruckusZDEventLBSZDLSCONNECTIONUPTrapSwitchCmd

| | |
|------|---|
| Name | ruckusZDEventLBSZDLSCONNECTIONUPTrapSwitchCmd |
| OID | ruckusZDEventTrapSwitchCmd 122 |

TABLE 138 ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD (continued)

| | |
|-------------|---|
| Name | ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD

TABLE 139 ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD

| | |
|-------------|---|
| Name | ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD |
| OID | ruckusZDEventTrapSwitchCmd 123 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSRECEIVECMDFOOTFALLTRAPSWITCHCMD

TABLE 140 ruckusZDEventLBSRECEIVECMDFOOTFALLTRAPSWITCHCMD

| | |
|-------------|---|
| Name | ruckusZDEventLBSRECEIVECMDFOOTFALLTRAPSWITCHCMD |
| OID | ruckusZDEventTrapSwitchCmd 124 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventLBSRECEIVECMDCALIBRATIONTRAPSWITCHCMD

TABLE 141 ruckusZDEventLBSRECEIVECMDCALIBRATIONTRAPSWITCHCMD

| | |
|-------------|--|
| Name | ruckusZDEventLBSRECEIVECMDCALIBRATIONTRAPSWITCHCMD |
| OID | ruckusZDEventTrapSwitchCmd 125 |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ruckusZDEventALLEVENTTRAPSWITCHCMD

TABLE 142 ruckusZDEventALLEVENTTRAPSWITCHCMD

| | |
|------|------------------------------------|
| Name | ruckusZDEventALLEVENTTRAPSWITCHCMD |
| OID | ruckusZDEventTrapSwitchCmd 200 |

TABLE 142 ruckusZDEventALLEventTrapSwitchCmd (continued)

| | |
|-------------|------------------------------------|
| Name | ruckusZDEventALLEventTrapSwitchCmd |
| Syntax | INTEGER {enable(1), disable(0)} |
| Status | current |
| MAX-ACCESS | read-write |
| Description | trap switch command. |

ZoneDirector System MIBs

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ZoneDirector System MIBs Overview

The objects contained in the RUCKUS-ZD-SYSTEM-MIB.txt group provide system information and statistics such as system name, software version, AP licenses, CPU and memory utilization, IP addressing, system services running and other system information.

The following tables list the objects within each top-level MIB tree in the RUCKUS-ZD-SYSTEM-MIB.txt file.

System Info MIBs

Table 143 lists the node names, OIDs and descriptions of each object in the System Info MIB tree.

TABLE 143 ZoneDirector System MIBs - System Info MIB tree

| MIB Tree | Node Name | OID | Description |
|--------------------|-----------------------------------|----------------------------------|------------------------|
| ruckusZDSystemInfo | ruckusZDSystemName | 1.3.6.1.4.1.25053.1.2.1.1.1.1.1 | System name |
| | ruckusZDSystemIPAddr | 1.3.6.1.4.1.25053.1.2.1.1.1.1.2 | IP address |
| | ruckusZDSystemMacAddr | 1.3.6.1.4.1.25053.1.2.1.1.1.1.3 | MAC address |
| | ruckusZDSystemUptime | 1.3.6.1.4.1.25053.1.2.1.1.1.1.8 | Uptime |
| | ruckusZDSystemModel | 1.3.6.1.4.1.25053.1.2.1.1.1.1.9 | Model |
| | ruckusZDSystemLicensedAPs | 1.3.6.1.4.1.25053.1.2.1.1.1.1.12 | Licensed APs |
| | ruckusZDSystemMaxSta | 1.3.6.1.4.1.25053.1.2.1.1.1.1.13 | Max stations |
| | ruckusZDSystemSerialNumber | 1.3.6.1.4.1.25053.1.2.1.1.1.1.15 | Serial number |
| | ruckusZDSystemVersion | 1.3.6.1.4.1.25053.1.2.1.1.1.1.18 | Version |
| | ruckusZDSystemCountryCode | 1.3.6.1.4.1.25053.1.2.1.1.1.1.20 | Country code |
| | ruckusZDSystemAdminName | 1.3.6.1.4.1.25053.1.2.1.1.1.1.25 | Admin name |
| | ruckusZDSystemAdminPassword | 1.3.6.1.4.1.25053.1.2.1.1.1.1.26 | Admin password |
| | ruckusZDSystemStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.1.30 | System status |
| | ruckusZDSystemPeerConnectedStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.1.31 | Peer connection status |

Expanded System Info MIBs

Table 144 lists the node names, OIDs and descriptions of each object in the Expanded System Info MIB tree.

TABLE 144 Expanded System Info MIB Tree

| MIB Tree | Node Name | OID | Description |
|-----------------------|-----------------------------------|-----------------------------------|---|
| ruckusZDSystemExpInfo | ruckusZDSystemNEId | 1.3.6.1.4.1.25053.1.2.1.1.1.5.50 | NE ID |
| | ruckusZDSystemManufacturer | 1.3.6.1.4.1.25053.1.2.1.1.1.5.51 | Manufacturer |
| | ruckusZDSystemSoftwareName | 1.3.6.1.4.1.25053.1.2.1.1.1.5.52 | Software name |
| | ruckusZDSystemCPUUtil | 1.3.6.1.4.1.25053.1.2.1.1.1.5.58 | CPU utilization |
| | ruckusZDSystemMemoryUtil | 1.3.6.1.4.1.25053.1.2.1.1.1.5.59 | Memory utilization |
| | ruckusZDSystemMemorySize | 1.3.6.1.4.1.25053.1.2.1.1.1.5.60 | Memory size |
| | ruckusZDSystemFlashFreeSize | 1.3.6.1.4.1.25053.1.2.1.1.1.5.65 | Flash free size |
| | ruckusZDSystemMgmtVlanID | 1.3.6.1.4.1.25053.1.2.1.1.1.5.67 | Management VLAN ID |
| | ruckusZDSystemCPUModel | 1.3.6.1.4.1.25053.1.2.1.1.1.5.70 | CPU model |
| | ruckusZDSystemtCPUSpeed | 1.3.6.1.4.1.25053.1.2.1.1.1.5.71 | CPU speed |
| | ruckusZDSystemtFlashModel | 1.3.6.1.4.1.25053.1.2.1.1.1.5.72 | Flash model |
| | ruckusZDSystemtMemModel | 1.3.6.1.4.1.25053.1.2.1.1.1.5.73 | Memory model |
| | ruckusZDSystemStartTime | 1.3.6.1.4.1.25053.1.2.1.1.1.5.74 | System startup time |
| | ruckusZDSystemCurrentTime | 1.3.6.1.4.1.25053.1.2.1.1.1.5.80 | System current time |
| | ruckusZDSystemAPFirmwareServer | 1.3.6.1.4.1.25053.1.2.1.1.1.5.81 | AP firmware download server |
| | ruckusZDSystemAPConfigServer | 1.3.6.1.4.1.25053.1.2.1.1.1.5.82 | AP configuration server |
| | ruckusZDSystemIDSAllowedESSID | 1.3.6.1.4.1.25053.1.2.1.1.1.5.85 | Allowed ESSIDs |
| | ruckusZDSystemIDSAllowBSSID | 1.3.6.1.4.1.25053.1.2.1.1.1.5.86 | Allowed BSSIDs |
| | ruckusZDSystemIDSAllowOUI | 1.3.6.1.4.1.25053.1.2.1.1.1.5.87 | Allowed OUIs |
| | ruckusZDSystemBandwidthUtilValve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.90 | Number of system bandwidth utilization percent. |
| | ruckusZDSystemDropPacketRateValve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.91 | Number of system drop packets rate percent. |
| | ruckusZDSystemCPUUtilValve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.92 | CPU utilization |
| | ruckusZDSystemMemUtilValve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.95 | Memory utilization |
| | ruckusZDSystemOnlineStaValve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.96 | Online stations |
| | ruckusZDSystemLocationLongitude | 1.3.6.1.4.1.25053.1.2.1.1.1.5.97 | AC longitude |
| | ruckusZDSystemLocationLatitude | 1.3.6.1.4.1.25053.1.2.1.1.1.5.98 | AC latitude |
| | ruckusZDSystemDHCPServer | 1.3.6.1.4.1.25053.1.2.1.1.1.5.110 | DHCP server enabled or disabled |
| | ruckusZDAPCPUvalve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.120 | AP's CPU utilization value for sending trap |
| | ruckusZDAPMemoryvalve | 1.3.6.1.4.1.25053.1.2.1.1.1.5.121 | AP's Memory utilization valve for sending trap |
| | ruckusZDHeartBeatStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.5.122 | Current heartbeat on-off status |

TABLE 144 Expanded System Info MIB Tree (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-------------------------|-----------------------------------|---|
| | ruckusZDHeartBeatPeriod | 1.3.6.1.4.1.25053.1.2.1.1.1.5.123 | Heartbeat interval between ZD and NMS (units:seconds) |

System IP Table MIBs

Table 145 lists the node names, OIDs and descriptions of each object in the System IP Table MIB tree.

TABLE 145 System IP Table MIB tree

| MIB Tree | Node Name | OID | Description |
|-----------------------|--------------------------------|------------------------------------|--|
| ruckusZDSystemIPTable | ruckusZDSystemIPIndex | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.1 | IP index |
| | ruckusZDSystemIPVersion | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.2 | Current IP version |
| | ruckusZDSystemIPAddrMode | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.5 | IP address mode (static IP or DHCP) |
| | ruckusZDSystemIPAddress | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.6 | IP address |
| | ruckusZDSystemIPAddrNetmask | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.8 | Netmask |
| | ruckusZDSystemIPGateway | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.10 | Gateway |
| | ruckusZDSystemIPPrimaryDNS | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.12 | Primary DNS |
| | ruckusZDSystemIPSecondaryDNS | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.13 | Secondary DNS |
| | ruckusZDSystemIPV6AddressModel | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.20 | Current IPv6 address model |
| | ruckusZDSystemIPV6Address | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.21 | IPv6 address |
| | ruckusZDSystemIPV6PrefixLen | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.22 | Specifies the ip v6 address prefix length if the ruckusZDSystemIPV6 AddrModel is set to static(2). |
| | ruckusZDSystemIPV6Gateway | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.25 | Specifies the gateway ipv6 address if the ruckusZDSystemIPV6 AddrModel is set to static(2). |
| | ruckusZDSystemIPV6PrimaryDNS | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.28 | Specifies primary DNS IPV6 address. |
| | ruckusZDSystemIPV6SecondaryDNS | 1.3.6.1.4.1.25053.1.2.1.1.1.8.1.29 | Specifies secondary DNS IPV6 address. |

System Services MIBs

Table 146 lists the node names, OIDs and descriptions of each object in the System Services (ruckusZDSystemServices) MIB tree.

TABLE 146 System Services MIB tree

| MIB Tree | Node Name | OID | Description |
|----------------------------------|--------------------------------------|---|---|
| ruckusZDSystemTime | ruckusZDSystemTimeWithNTP | 1.3.6.1.4.1.25053.1.2.1.1.1.12.3.1 | Enable the Zone Director system to synchronize its system time with NTP |
| | ruckusZDSystemTimeNTPServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.3.2 | The NTP Server (URL) the ZoneDirector synchronizes its system time with |
| ruckusZDSystemSMTP | ruckusZDSystemEmailTriggerEnable | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.1 | Send an email message when an alarm is triggered |
| | ruckusZDSystemEmailAddress | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.2 | Email address |
| | ruckusZDSystemSMTPServerName | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.3 | SMTP server |
| | ruckusZDSystemSMTPServerPort | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.4 | SMTP server port |
| | ruckusZDSystemSMTPAuthUsername | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.5 | SMTP auth user name |
| | ruckusZDSystemSMTPAuthPassword | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.6 | SMTP auth password |
| | ruckusZDSystemFromEmailAddress | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.7 | From email address |
| | ruckusZDSystemSMTPEncryptionOptions | 1.3.6.1.4.1.25053.1.2.1.1.1.12.5.8 | SMTP encryption |
| ruckusZDSystemSysLog | ruckusZDSystemSysLogServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.8.1 | The syslog server IP or IPV6 address that ZoneDirector reports its system events to |
| | ruckusZDSystemSysLogServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.8.2 | Syslog server |
| ruckusZDSystemFlexMaster | ruckusZDSystemFlexMasterEnable | 1.3.6.1.4.1.25053.1.2.1.1.1.12.9.1 | FlexMaster enabled/disabled status |
| | ruckusZDSystemFlexMasterServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.9.2 | FlexMaster server |
| | ruckusZDSystemFlexMasterInterval | 1.3.6.1.4.1.25053.1.2.1.1.1.12.9.3 | FlexMaster inform interval |
| ruckusZDSystemStp | ruckusZDSystemStpStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.12.12.1 | STP status |
| ruckusZDSystemSNMPTrapInfo | ruckusZDSystemSNMPTrapEnable | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.1 | SNMP traps enabled/disabled status |
| | ruckusZDSystemSNMPTrapVersion | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.2 | SNMP trap version |
| ruckusZDSystemSNMPV2TrapSvrTable | ruckusZDSystemSNMPV2TrapSvrIndex | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.35.1.1 | SNMPv2 trap server index |
| | ruckusZDSystemSNMPV2TrapServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.35.1.3 | SNMPv2 trap server address (v4 or v6) |
| | ruckusZDSystemSNMPV2TrapSvrRowStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.35.1.8 | SNMPv2 trap server row status |
| ruckusZDSystemSNMPV3TrapSvrTable | ruckusZDSystemSNMPV3TrapSvrIndex | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.1 | SNMPv3 Trap server index |
| | ruckusZDSystemSNMPV3TrapServer | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.5 | SNMPv3 Trap server index |
| | ruckusZDSystemSNMPV3TrapUser | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.8 | SNMPv3 trap user |
| | ruckusZDSystemSNMPV3TrapAuth | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.10 | SNMPv3 trap auth |
| | ruckusZDSystemSNMPV3TrapAuthKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.11 | SNMPV3 trap auth key |
| | ruckusZDSystemSNMPV3TrapPrivacy | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.15 | SNMPv3 trap privacy |

TABLE 146 System Services MIB tree (continued)

| MIB Tree | Node Name | OID | Description |
|---------------------------|--------------------------------------|---|--------------------------------|
| | ruckusZDSystemSNMPV3TrapPrivacyKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.16 | SNMPv3 trap privacy key |
| | ruckusZDSystemSNMPV3TrapSvrRowStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.20 | SNMPv3 trap server row status |
| ruckusZDSystemSNMPV2Table | ruckusZDSystemSNMPEnable | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.5.1.2 | SNMP enabled/disabled status |
| | ruckusZDSystemSNMPROCommunity | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.5.1.5 | SNMP RO community string |
| | ruckusZDSystemSNMPRWCommunity | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.5.1.6 | SNMP RW community string |
| | ruckusZDSystemSNMPSysContact | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.5.1.7 | SNMP system contact |
| | ruckusZDSystemSNMPSysLocation | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.5.1.8 | SNMP system location |
| ruckusZDSystemSNMPV3Table | ruckusZDSystemSNMPV3Enable | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.2 | SNMPv3 enabled/disabled status |
| | ruckusZDSystemSNMPV3RoUser | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.5 | SNMPv3 RO user |
| | ruckusZDSystemSNMPV3RoAuth | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.6 | SNMPv3 RO auth |
| | ruckusZDSystemSNMPV3RoAuthKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.7 | SNMPv3 RO auth key |
| | ruckusZDSystemSNMPV3RoPirvacy | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.8 | SNMPv3 RO privacy |
| | ruckusZDSystemSNMPV3RoPrivacyKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.9 | SNMPv3 RO privacy key |
| | ruckusZDSystemSNMPV3RwUser | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.12 | SNMPv3 RW user |
| | ruckusZDSystemSNMPV3RwAuth | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.13 | SNMPv3 RW auth |
| | ruckusZDSystemSNMPV3RwAuthKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.14 | SNMPv3 RW auth key |
| | ruckusZDSystemSNMPV3RwPirvacy | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.15 | SNMPv3 RW privacy |
| | ruckusZDSystemSNMPV3RwPrivacyKey | 1.3.6.1.4.1.25053.1.2.1.1.1.12.15.8.1.16 | SNMPv3 RW privacy key |

System Load Balancing Info MIBs

Table 147 lists the node names, OIDs and descriptions of each object in the System Load Balancing Info MIB tree.

TABLE 147 System Load Balancing Info MIB tree

| MIB Tree | Node Name | OID | Description |
|-------------------------------|--|-------------------------------------|---------------------------------------|
| ruckusZDSystemLoadBalanceInfo | ruckusZDSystemLoadBalance24GStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.12.20.1 | Load balancing status 2.4 GHz |
| | ruckusZDSystemLoadBalance5GStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.12.20.2 | Load balancing status 5 GHz |
| | ruckusZDSystemLoadBalanceAdjacent24GThreshhold | 1.3.6.1.4.1.25053.1.2.1.1.1.12.20.3 | Load balancing user threshold 2.4 GHz |
| | ruckusZDSystemLoadBalanceAdjacent5GThreshhold | 1.3.6.1.4.1.25053.1.2.1.1.1.12.20.4 | Load balancing user threshold 5 GHz |

System Statistics MIBs

Table 148 lists the MIBs in the ruckusZDSystemStats MIB tree.

TABLE 148 System statistics MIBs

| MIB Tree | Node Name | OID | Description |
|---------------------|--|-----------------------------------|---|
| ruckusZDSystemStats | ruckusZDSystemStatsNumAP | 1.3.6.1.4.1.25053.1.2.1.1.1.15.1 | Number of APs. |
| | ruckusZDSystemStatsNumSta | 1.3.6.1.4.1.25053.1.2.1.1.1.15.2 | Number of authorized client devices. |
| | ruckusZDSystemStatsNumRogue | 1.3.6.1.4.1.25053.1.2.1.1.1.15.3 | Number of rogue devices. |
| | ruckusZDSystemStatsNumRogueKnown | 1.3.6.1.4.1.25053.1.2.1.1.1.15.4 | Number of known rogue devices. |
| | ruckusZDSystemStatsWLANTotalRxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.15.5 | Total received packets of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalRxBytes | 1.3.6.1.4.1.25053.1.2.1.1.1.15.6 | Total received bytes of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalRxMulticast | 1.3.6.1.4.1.25053.1.2.1.1.1.15.7 | Total received multicast packets of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalTxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.15.8 | Total transmitted packets of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalTxBytes | 1.3.6.1.4.1.25053.1.2.1.1.1.15.9 | Total transmitted bytes of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalTxMulticast | 1.3.6.1.4.1.25053.1.2.1.1.1.15.10 | Total transmitted multicast packets of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalTxFail | 1.3.6.1.4.1.25053.1.2.1.1.1.15.11 | Total transmitted fail packets of wireless interfaces. |
| | ruckusZDSystemStatsWLANTotalTxRetry | 1.3.6.1.4.1.25053.1.2.1.1.1.15.12 | Total transmitted retry packets of wireless interfaces. |
| | ruckusZDSystemStatsCPUUtil | 1.3.6.1.4.1.25053.1.2.1.1.1.15.13 | CPU utilization. |
| | ruckusZDSystemStatsMemoryUtil | 1.3.6.1.4.1.25053.1.2.1.1.1.15.14 | Memory utilization. |
| | ruckusZDSystemStatsNumRegisteredAP | 1.3.6.1.4.1.25053.1.2.1.1.1.15.15 | Number of registered AP. |
| | ruckusZDSystemStatsWLANTotalAssocFail | 1.3.6.1.4.1.25053.1.2.1.1.1.15.16 | Total number of failed station associations. |
| | ruckusZDSystemStatsWLANTotalRxErrFrm | 1.3.6.1.4.1.25053.1.2.1.1.1.15.17 | Total number of erroneous downlink frames. |
| | ruckusZDSystemStatsNumRegAP | 1.3.6.1.4.1.25053.1.2.1.1.1.15.18 | Number of registered APs. |
| | ruckusZDSystemStatsWLANTotalTxDroppedPkt | 1.3.6.1.4.1.25053.1.2.1.1.1.15.19 | Total number of dropped downlink packets. |

TABLE 148 System statistics MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--|-----------------------------------|---|
| | ruckusZDSystemStatsWLANTotalTxErrFrm | 1.3.6.1.4.1.25053.1.2.1.1.1.15.20 | Total number of erroneous downlink frames. |
| | ruckusZDSystemStatsWLANTotalTxDroppedFrm | 1.3.6.1.4.1.25053.1.2.1.1.1.15.21 | Total number of dropped downlink frames. |
| | ruckusZDSystemStatsMonitorPeriod | 1.3.6.1.4.1.25053.1.2.1.1.1.15.22 | System stats monitoring period. |
| | ruckusZDSystemStatsLanTxRate | 1.3.6.1.4.1.25053.1.2.1.1.1.15.23 | Lan transmit rate kbyte/s in last 5 minutes . |
| | ruckusZDSystemStatsLanRxRate | 1.3.6.1.4.1.25053.1.2.1.1.1.15.24 | Lan received rate kbyte/s in last 5 minutes . |
| | ruckusZDSystemStatsAllNumSta | 1.3.6.1.4.1.25053.1.2.1.1.1.15.30 | Number of All client devices. |

ZD Ethernet Info MIBs

Table 149 lists the MIBs in the ruckusZDEthInfo MIB tree.

TABLE 149 Ethernet Info MIBs

| MIB Tree | Node Name | OID | Description |
|------------------|------------------------|---------------------------------------|---|
| ruckusZDEthTable | ruckusZDEthNum | 1.3.6.1.4.1.25053.1.2.1.1.1.18.1 | Number of ethernet devices. |
| | ruckusZDEthIfIndex | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 | Ethernet device interface index. |
| | ruckusZDEthName | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.2 | Ethernet device name. |
| | ruckusZDEthDesc | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.3 | Ethernet device description. |
| | ruckusZDEthType | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.4 | Ethernet device type. |
| | ruckusZDEthStatus | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.5 | Ethernet device status. |
| | ruckusZDEthPhysAddr | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.6 | Ethernet device MAC address. |
| | ruckusZDEthMtu | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.7 | Ethernet device mtu size. |
| | ruckusZDEthIfSpeed | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.8 | Ethernet device interface speed. |
| | ruckusZDEthUtil | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.9 | Ethernet device utilization. |
| | ruckusZDEthTxBcastPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.10 | Ethernet device transmitted broadcast packets number. |

TABLE 149 Ethernet Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|------------------------|---------------------------------------|---|
| | ruckusZDEthTxMcastPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.11 | Ethernet device transmitted multicast packets number. |
| | ruckusZDEthRxBcastPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.12 | Ethernet device received broadcast packets number. |
| | ruckusZDEthRxMcastPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.13 | Ethernet device received muticast packets number. |
| | ruckusZDEthTxUniPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.14 | Ethernet device transmitted unicast packets number. |
| | ruckusZDEthRxUniPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.15 | Ethernet device received unicast packets number. |
| | ruckusZDEthTxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.16 | Ethernet device transmitted packets number. |
| | ruckusZDEthRxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.17 | Ethernet device received packets number. |
| | ruckusZDEthDropTxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.18 | Ethernet device transmitted drop packets number. |
| | ruckusZDEthDropRxPkts | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.19 | Ethernet device received drop packets number. |
| | ruckusZDEthTxBytes | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.20 | Ethernet device transmitted bytes number. |
| | ruckusZDEthRxBytes | 1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.21 | Ethernet device received bytes number. |

Ruckus Product MIBs

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Ruckus Product MIBs Overview

The Ruckus Product MIBs define OIDs for supported Ruckus Wireless products. The Product MIBs are contained in the RUCKUS-PRODUCTS-MIB.txt MIB file.

Ruckus Wireless Router Product MIBs

The following table lists the node names, OIDs and descriptions of each object in the ruckusWirelessRouterProducts MIB tree.

TABLE 150 Ruckus Wireless Router Products MIB Tree

| MIB Tree | Node Name | OID | Description |
|------------------------------|--------------|---------------------------|-------------|
| ruckusWirelessRouterProducts | ruckusVF2825 | 1.3.6.1.4.1.25053.3.1.4.1 | VF 2825 |
| | ruckusVF2811 | 1.3.6.1.4.1.25053.3.1.1.2 | VF 2811 |
| | ruckusVF2821 | 1.3.6.1.4.1.25053.3.1.1.3 | VF 2821 |
| | ruckusVF2835 | 1.3.6.1.4.1.25053.3.1.1.4 | VF 2835 |
| | ruckusVF7811 | 1.3.6.1.4.1.25053.3.1.1.5 | VF 7811 |

Ruckus Wireless Adapter Product MIBs

The following table lists the node names, OIDs and descriptions of each object in the ruckusWirelessAdapterProducts MIB tree.

TABLE 151 Ruckus Wireless Adapter Products MIBs

| MIB Tree | Node Name | OID | Description |
|-------------------------------|--------------|---------------------------|-------------|
| ruckusWirelessAdapterProducts | ruckusVF2111 | 1.3.6.1.4.1.25053.3.1.2.1 | VF 2111 |
| | ruckusVF2121 | 1.3.6.1.4.1.25053.3.1.2.2 | VF 2121 |
| | ruckusVF7111 | 1.3.6.1.4.1.25053.3.1.2.3 | VF 7111 |

Ruckus Wireless Metro Product MIBs

The following table lists the node names, OIDs and descriptions of each object in the ruckusWirelessMetroProducts MIB tree.

TABLE 152 Ruckus Wireless Metro Products MIBs

| MIB Tree | Node Name | OID | Description |
|-----------------------------|--------------|---------------------------|-------------|
| ruckusWirelessMetroProducts | ruckusMM2225 | 1.3.6.1.4.1.25053.3.1.3.1 | MM 2225 |
| | ruckusMM2211 | 1.3.6.1.4.1.25053.3.1.3.2 | MM 2211 |
| | ruckusMM2221 | 1.3.6.1.4.1.25053.3.1.3.3 | MM 2221 |

Ruckus Wireless Hotzone Product MIBs

The following table lists the node names, OIDs and descriptions of each object in the ruckusWirelessHotzoneProducts MIB tree.

TABLE 153 Ruckus Wireless Hotzone Products MIBs

| MIB Tree | Node Name | OID | Description |
|-------------------------------|-----------------|----------------------------|--------------|
| ruckusWirelessHotzoneProducts | ruckusZF2925 | 1.3.6.1.4.1.25053.3.1.4.1 | ZF 2925 |
| | ruckusZF2942 | 1.3.6.1.4.1.25053.3.1.4.2 | ZF 2942 |
| | ruckusZF7942 | 1.3.6.1.4.1.25053.3.1.4.3 | ZF 7942 |
| | ruckusZF7962 | 1.3.6.1.4.1.25053.3.1.4.4 | ZF 7962 |
| | ruckusZF2741 | 1.3.6.1.4.1.25053.3.1.4.5 | ZF 2741 |
| | ruckusZF7762 | 1.3.6.1.4.1.25053.3.1.4.6 | ZF 7762 |
| | ruckusZF7762S | 1.3.6.1.4.1.25053.3.1.4.8 | ZF 7762-S |
| | ruckusZF7762T | 1.3.6.1.4.1.25053.3.1.4.9 | ZF 7762-T |
| | ruckusZF7762N | 1.3.6.1.4.1.25053.3.1.4.10 | ZF 7762-N |
| | ruckusZF7343 | 1.3.6.1.4.1.25053.3.1.4.12 | ZF 7343 |
| | ruckusZF7363 | 1.3.6.1.4.1.25053.3.1.4.13 | ZF 7363 |
| | ruckusZF7341 | 1.3.6.1.4.1.25053.3.1.4.14 | ZF 7341 |
| | ruckusZF7211 | 1.3.6.1.4.1.25053.3.1.4.15 | ZF 7211 |
| | ruckusZF7731 | 1.3.6.1.4.1.25053.3.1.4.16 | ZF 7731 |
| | ruckusZF7025 | 1.3.6.1.4.1.25053.3.1.4.20 | ZF 7025 |
| | ruckusZF7321 | 1.3.6.1.4.1.25053.3.1.4.22 | ZF 7321 |
| | ruckusZF7321U | 1.3.6.1.4.1.25053.3.1.4.23 | ZF 7321-U |
| | ruckusZF2741EXT | 1.3.6.1.4.1.25053.3.1.4.24 | ZF 2471-EXT |
| | ruckusZF7982 | 1.3.6.1.4.1.25053.3.1.4.25 | ZF 7982 |
| | ruckusZF7782 | 1.3.6.1.4.1.25053.3.1.4.28 | ZF 7782 |
| | ruckusZF7782S | 1.3.6.1.4.1.25053.3.1.4.29 | ZF 7782-S |
| | ruckusZF7782N | 1.3.6.1.4.1.25053.3.1.4.30 | ZF 7782-N |
| | ruckusZF7782E | 1.3.6.1.4.1.25053.3.1.4.31 | ZF 7782-E |
| | ruckusZF8800SAC | 1.3.6.1.4.1.25053.3.1.4.32 | ZF 8800-S-AC |
| | ruckusZF7762AC | 1.3.6.1.4.1.25053.3.1.4.35 | ZF 7762-AC |
| | ruckusZF7762SAC | 1.3.6.1.4.1.25053.3.1.4.36 | ZF 7762-S-AC |
| | ruckusZF7762TAC | 1.3.6.1.4.1.25053.3.1.4.37 | ZF 7762-T-AC |
| | ruckusZF7372 | 1.3.6.1.4.1.25053.3.1.4.40 | ZF 7372 |
| | ruckusZF7372E | 1.3.6.1.4.1.25053.3.1.4.41 | ZF 7372-E |
| | ruckusZF7352 | 1.3.6.1.4.1.25053.3.1.4.45 | ZF 7352 |

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-----------------|-----------------------------|--------------|
| | ruckusZF7351 | 1.3.6.1.4.1.25053.3.1.4.48 | ZF 7351 |
| | ruckusZF7742 | 1.3.6.1.4.1.25053.3.1.4.50 | ZF 7742 |
| | ruckusZF7055 | 1.3.6.1.4.1.25053.3.1.4.52 | ZF 7055 |
| | ruckusZF7781M | 1.3.6.1.4.1.25053.3.1.4.55 | ZF 7781-M |
| | ruckusZF7781CM | 1.3.6.1.4.1.25053.3.1.4.56 | ZF 7781CM |
| | ruckusZF7781CME | 1.3.6.1.4.1.25053.3.1.4.57 | ZF 7781CM-E |
| | ruckusZF7781CMS | 1.3.6.1.4.1.25053.3.1.4.58 | ZF 7781CM-S |
| | ruckusZF7781FN | 1.3.6.1.4.1.25053.3.1.4.60 | ZF 7781-FN |
| | ruckusZF7781FNE | 1.3.6.1.4.1.25053.3.1.4.61 | ZF 7781-FN-E |
| | ruckusZF7781FNS | 1.3.6.1.4.1.25053.3.1.4.62 | ZF 7781-FN-S |
| | ruckusSC8800SAC | 1.3.6.1.4.1.25053.3.1.4.65 | SC8800-S-AC |
| | ruckusSC8800S | 1.3.6.1.4.1.25053.3.1.4.66 | SC8800-S |
| | ruckusR300 | 1.3.6.1.4.1.25053.3.1.4.67 | R300 |
| | ruckusR700 | 1.3.6.1.4.1.25053.3.1.4.68 | R700 |
| | ruckusR710 | 1.3.6.1.4.1.25053.3.1.4.69 | R710 |
| | ruckusR500E | 1.3.6.1.4.1.25053.3.1.4.70 | R500e |
| | ruckusR500 | 1.3.6.1.4.1.25053.3.1.4.71 | R500 |
| | ruckusr600 | 1.3.6.1.4.1.25053.3.1.4.72 | R600 |
| | ruckusT300 | 1.3.6.1.4.1.25053.3.1.4.74 | T300 |
| | ruckusT300E | 1.3.6.1.4.1.25053.3.1.4.75 | T300e |
| | ruckusT301N | 1.3.6.1.4.1.25053.3.1.4.76 | T301n |
| | ruckusT301S | 1.3.6.1.4.1.25053.3.1.4.77 | T301s |
| | ruckusH500 | 1.3.6.1.4.1.25053.3.1.4.78 | H500 |
| | ruckusC500 | 1.3.6.1.4.1.25053.3.1.4.79 | C500 |
| | ruckusP300 | 1.3.6.1.4.1.25053.3.1.4.81 | P300 |
| | ruckusFZM300 | 1.3.6.1.4.1.25053.3.1.4.85 | FZM300 |
| | ruckusFZP300 | 1.3.6.1.4.1.25053.3.1.4.86 | FZP300 |
| | ruckusR310 | 1.3.6.1.4.1.25053.3.1.4.88 | R310 |
| | ruckusT710 | 1.3.6.1.4.1.25053.3.1.4.90 | T710 |
| | ruckusR510 | 1.3.6.1.4.1.25053.3.1.4.91 | R510 |
| | RuckusH510 | 1.3.6.1.4.1.25053.3.1.4.92 | H510 |
| | ruckusH320 | 1.3.6.1.4.1.25053.3.1.4.93 | H320 |
| | ruckusE510 | 1.3.6.1.4.1.25053.3.1.4.94 | E510 |
| | ruckusC110 | 1.3.6.1.4.1.25053.3.1.4.95 | C110 |
| | ruckusCMM310 | 1.3.6.1.4.1.25053.3.1.4.96 | CMM310 |
| | ruckusT811CM | 1.3.6.1.4.1.25053.3.1.4.97 | T811CM |
| | ruckusT610S | 1.3.6.1.4.1.25053.3.1.4.99 | T610s |
| | ruckusR610 | 1.3.6.1.4.1.25053.3.1.4.100 | R610 |
| | ruckusT610 | 1.3.6.1.4.1.25053.3.1.4.101 | T610 |
| | ruckusR720 | 1.3.6.1.4.1.25053.3.1.4.102 | R720 |
| | ruckusT310C | 1.3.6.1.4.1.25053.3.1.4.103 | T310c |

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|----------------------------|--------------------------------|--|
| | ruckusT310D | 1.3.6.1.4.1.25053.3.1.4.104 | T310d |
| | ruckusT310N | 1.3.6.1.4.1.25053.3.1.4.105 | T310n |
| | ruckusT310S | 1.3.6.1.4.1.25053.3.1.4.106 | T310s |
| | ruckusM510 | 1.3.6.1.4.1.25053.3.1.4.107 | M510 |
| | ruckusR730 | 1.3.6.1.4.1.25053.3.1.4.108 | R730 |
| | ruckusC110ControlLED | 1.3.6.1.4.1.25053.3.1.4.95.3 | Reboot/reset AP or CM: (10): soft reset AP (12): factory reset AP (13): soft reset CM (15): factory reset CM |
| | ruckusC110WanIPAddr | 1.3.6.1.4.1.25053.3.1.4.95.4 | Specifies the IP address of the Cable Modem WAN interface. |
| | ruckusC110Customization | 1.3.6.1.4.1.25053.3.1.4.95.1 | C110 customization |
| | ruckusC110HTTPService | 1.3.6.1.4.1.25053.3.1.4.95.1.1 | Enable/disable HTTP service. |
| | ruckusC110TelnetService | 1.3.6.1.4.1.25053.3.1.4.95.1.2 | Enable/disable Telnet service. |
| | ruckusC110SSHService | 1.3.6.1.4.1.25053.3.1.4.95.1.3 | Enable/disable SSH service. |
| | ruckusC110Username | 1.3.6.1.4.1.25053.3.1.4.95.1.4 | Specifies username of cable modem. |
| | ruckusC110Password | 1.3.6.1.4.1.25053.3.1.4.95.1.5 | Specifies password of cable modem. |
| | ruckusC110CpeAgingOutTimer | 1.3.6.1.4.1.25053.3.1.4.95.9 | While CM is adding the CPE in the learning table, if it reaches the number of MAX CPE it will remove the existing CPE which has no upstream traffic for N seconds. Where N is the value of this MIB. N=0 means to follow original implementation. That is no CPE will be removed for any new comers. |
| | ruckusC110WanIPv6Addr | 1.3.6.1.4.1.25053.3.1.4.95.9 | Specifies the IPV6 address of the Cable Modem WAN interface. |
| | ruckusT811CMControlLED | 1.3.6.1.4.1.25053.3.1.4.97.3 | softResetAP(10): Soft reset of Access Point, factoryResetAP(12): Reset Access Point to |

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|----------------------------|----------------------------------|--|
| | | | factory defaults, softResetCM(13): Soft reset of Cable Modem, factoryResetCM(15): Reset Cable Modem to factory defaults" |
| | ruckusCMM310WanIPAddr | 1.3.6.1.4.1.25053.3.1.4.97.4 | Specifies the IP address of the Cable Modem WAN interface. |
| | ruckusCMM310WanIPv6Addr | 1.3.6.1.4.1.25053.3.1.4.97.10 | Specifies the IPV6 address of the Cable Modem WAN interface. |
| | ruckusCMM310ControlLED | 1.3.6.1.4.1.25053.3.1.4.96.3 | softResetAP(10): Soft reset of Access Point, factoryResetAP(12): Reset Access Point to factory defaults, softResetCM(13): Soft reset of Cable Modem, factoryResetCM(15): Reset Cable Modem to factory defaults |
| | ruckusCMM310WanIPAddr | 1.3.6.1.4.1.25053.3.1.4.96.4 | Specifies the IP address of the Cable Modem WAN interface. |
| | ruckusCMM310Customization | 1.3.6.1.4.1.25053.3.1.4.96.5 | Cable Modem customization. |
| | ruckusCMM310HTTPService | 1.3.6.1.4.1.25053.3.1.4.96.5.1 | Enable/disable HTTP service. |
| | ruckusCMM310TelnetService | 1.3.6.1.4.1.25053.3.1.4.96.5.2 | Enable/disable Telnet service. |
| | ruckusCMM310SSHService | 1.3.6.1.4.1.25053.3.1.4.96.5.3 | Cable Modem SSH service. |
| | ruckusCMM310SSHLanService | 1.3.6.1.4.1.25053.3.1.4.96.5.3.1 | Enable/disable SSH service for Lan. |
| | ruckusCMM310SSHWanService | 1.3.6.1.4.1.25053.3.1.4.96.5.3.2 | Enable/disable SSH service for Wan. |
| | ruckusCMM310Username | 1.3.6.1.4.1.25053.3.1.4.96.5.4 | Specifies username of cable modem. |
| | ruckusCMM310Password | 1.3.6.1.4.1.25053.3.1.4.96.5.5 | Specifies password of cable modem. |
| | ruckusCMM310SKUInformation | 1.3.6.1.4.1.25053.3.1.4.96.5.6 | Cable Modem SKU information. |
| | ruckusCMM310SKUID | 1.3.6.1.4.1.25053.3.1.4.96.5.6.1 | Specifies the cable modem SKU SKU ID RF CAPABILITY DEFAULT SPLIT ruckusCMM310-001(1 |

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|------------------------------------|----------------------------------|--|
| | | |);Base (NA) DOCSIS 3.1 SKU (5-42, 108-1218), (5-85, 108-1218) (5-85, 108-1218) ruckusCMM310-002(2);Charter (NA) DOCSIS 3.1 SKU (5-46, 258-1218), (5-204, 258-1218) (5-204, 258-1218) ruckusCMM310-003(3);Base (Euro) DOCSIS 3.1 SKU (5-65, 258-1218), (5-204, 258-1218) (5-204, 258-1218) ruckusCMM310-004(4);Base (NA) DOCSIS 3.0 SKU (5-42, 54-1002) (5-42, 54-1002) ruckusCMM310-005(5);Base (Euro) DOCSIS 3.0 SKU (5-65, 87.5-1002) (5-65, 87.5-1002). |
| | ruckusCMM310SKUCurrentRFSplit | 1.3.6.1.4.1.25053.3.1.4.96.5.6.2 | Specifies the RF Split for the given SKU. |
| | ruckusCMM310EthernetMonitorService | 1.3.6.1.4.1.25053.3.1.4.96.5.6.7 | Enable/disable Ethernet Monitor Service. For Ruckus Internal use only. |
| | ruckusCMM310CpeAgingOutTimer | 1.3.6.1.4.1.25053.3.1.4.96.9 | While CM is adding the CPE in the learning table, if it reaches the number of MAX CPE it will remove the existing CPE which has no upstream traffic for N seconds. Where N is the value of this MIB. N=0 means to follow original implementation. That is no CPE will be removed for any newcomer. |
| | ruckusCMM310WanIPv6Addr | 1.3.6.1.4.1.25053.3.1.4.96.10 | Specifies the IPv6 address of the Cable Modem WAN interface. |
| | ruckusZF7761CM | 1.3.6.1.4.1.25053.3.1.4.7 | ZF 7761-CM |
| | ruckusZF7761CMResetCM | 1.3.6.1.4.1.25053.3.1.4.7.1 | ZF 7761-CM |
| | ruckusZF7761CMResetAP | 1.3.6.1.4.1.25053.3.1.4.7.2 | ZF 7761-CM |

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|----------------------------------|-------------------------------|---|
| | ruckusZF7761CMControlLED | 1.3.6.1.4.1.25053.3.1.4.7.3 | ZF 7761-CM LED controls. |
| | ruckusZF7761CMWanIPAddr | 1.3.6.1.4.1.25053.3.1.4.7.4 | Specifies the IP address of the Cable Modem WAN interface. |
| | ruckusZF7761CMCustomization | 1.3.6.1.4.1.25053.3.1.4.7.5 | ZF 7761-CM |
| | ruckusZF7761CMHTTPService | 1.3.6.1.4.1.25053.3.1.4.7.5.1 | Enable/disable HTTP service. |
| | ruckusZF7761CMTelnetService | 1.3.6.1.4.1.25053.3.1.4.7.5.2 | Enable/disable Telnet service. |
| | ruckusZF7761CMSHService | 1.3.6.1.4.1.25053.3.1.4.7.5.3 | Enable/disable SSH service. |
| | ruckusZF7761CMUsername | 1.3.6.1.4.1.25053.3.1.4.7.5.4 | Specifies username of cable modem. |
| | ruckusZF7761CMPassword | 1.3.6.1.4.1.25053.3.1.4.7.5.5 | Specifies password of cable modem. |
| | ruckusZF7761CMLEDMode | 1.3.6.1.4.1.25053.3.1.4.7.6 | ledAllOff(0): All LEDs disabled after 3 second delay, blueActive(1): Blue Active Surge Protection Indicator, blueActiveCMOnlineLed(2): Blue Active Surge Protection Indicator and Cable Modem online Green LED enabled. |
| | ruckusZF7761CMHeartbeatMonitorCM | 1.3.6.1.4.1.25053.3.1.4.7.7 | Enable/disable Cable Modem heartbeat monitoring. |
| | ruckusZF7761CMHeartbeatMonitorAP | 1.3.6.1.4.1.25053.3.1.4.7.8 | Enable/disable Access Point heartbeat monitoring. |

Ruckus Controller Product MIBs

The following table lists the node names, OIDs and descriptions of each object in the ruckusWirelessControllerProducts MIB tree.

TABLE 154 Ruckus Wireless Controller Products MIBs

| MIB Tree | Node Name | OID | Description |
|----------------------------------|---------------------------|-----------------------------|-------------|
| ruckusWirelessControllerProducts | ruckusZD1000 | 1.3.6.1.4.1.25053.3.1.5.1 | ZD 1000 |
| | ruckusZD1000SystemName | 1.3.6.1.4.1.25053.3.1.5.1.1 | System name |
| | ruckusZD1000SystemIPAddr | 1.3.6.1.4.1.25053.3.1.5.1.2 | IP address |
| | ruckusZD1000SystemMacAddr | 1.3.6.1.4.1.25053.3.1.5.1.3 | MAC address |
| | ruckusZD1000SystemUptime | 1.3.6.1.4.1.25053.3.1.5.1.4 | Up time |

TABLE 154 Ruckus Wireless Controller Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--------------------------------|------------------------------|------------------|
| | ruckusZD1000SystemModel | 1.3.6.1.4.1.25053.3.1.5.1.5 | Model |
| | ruckusZD1000SystemLicensedAPs | 1.3.6.1.4.1.25053.3.1.5.1.6 | Licensed APs |
| | ruckusZD1000SystemSerialNumber | 1.3.6.1.4.1.25053.3.1.5.1.7 | Serial number |
| | ruckusZD1000SystemVersion | 1.3.6.1.4.1.25053.3.1.5.1.8 | Software version |
| | ruckusZD1000CountryCode | 1.3.6.1.4.1.25053.3.1.5.1.9 | Country code |
| | ruckusZD1100 | 1.3.6.1.4.1.25053.3.1.5.2 | ZD 1100 |
| | ruckusZD1100SystemName | 1.3.6.1.4.1.25053.3.1.5.2.1 | System name |
| | ruckusZD1100SystemIPAddr | 1.3.6.1.4.1.25053.3.1.5.2.2 | IP address |
| | ruckusZD1100SystemMacAddr | 1.3.6.1.4.1.25053.3.1.5.2.3 | MAC address |
| | ruckusZD1100SystemUptime | 1.3.6.1.4.1.25053.3.1.5.2.4 | Up time |
| | ruckusZD1100SystemModel | 1.3.6.1.4.1.25053.3.1.5.2.5 | Model |
| | ruckusZD1100SystemLicensedAPs | 1.3.6.1.4.1.25053.3.1.5.2.6 | Licensed APs |
| | ruckusZD1100SystemSerialNumber | 1.3.6.1.4.1.25053.3.1.5.2.7 | Serial number |
| | ruckusZD1100SystemVersion | 1.3.6.1.4.1.25053.3.1.5.2.8 | Software version |
| | ruckusZD1100CountryCode | 1.3.6.1.4.1.25053.3.1.5.2.9 | Country code |
| | ruckusZD3000 | 1.3.6.1.4.1.25053.3.1.5.3 | ZD 3000 |
| | ruckusZD3000SystemName | 1.3.6.1.4.1.25053.3.1.5.3.1 | System name |
| | ruckusZD3000SystemIPAddr | 1.3.6.1.4.1.25053.3.1.5.3.2 | IP address |
| | ruckusZD3000SystemMacAddr | 1.3.6.1.4.1.25053.3.1.5.3.3 | MAC address |
| | ruckusZD3000SystemUptime | 1.3.6.1.4.1.25053.3.1.5.3.4 | Up time |
| | ruckusZD3000SystemModel | 1.3.6.1.4.1.25053.3.1.5.3.5 | Model |
| | ruckusZD3000SystemLicensedAPs | 1.3.6.1.4.1.25053.3.1.5.3.6 | Licensed APs |
| | ruckusZD3000SystemSerialNumber | 1.3.6.1.4.1.25053.3.1.5.3.7 | Serial number |
| | ruckusZD3000SystemVersion | 1.3.6.1.4.1.25053.3.1.5.3.8 | Software version |
| | ruckusZD3000CountryCode | 1.3.6.1.4.1.25053.3.1.5.3.9 | Country code |
| | ruckusZD5000 | 1.3.6.1.4.1.25053.3.1.5.8 | ZD 5000 |
| | ruckusZD5000SystemName | 1.3.6.1.4.1.25053.3.1.5.8.1 | System name |
| | ruckusZD5000SystemIPAddr | 1.3.6.1.4.1.25053.3.1.5.8.2 | IP address |
| | ruckusZD5000SystemMacAddr | 1.3.6.1.4.1.25053.3.1.5.8.3 | MAC address |
| | ruckusZD5000SystemUptime | 1.3.6.1.4.1.25053.3.1.5.8.4 | Up time |
| | ruckusZD5000SystemModel | 1.3.6.1.4.1.25053.3.1.5.8.5 | Model |
| | ruckusZD5000SystemLicensedAPs | 1.3.6.1.4.1.25053.3.1.5.8.6 | Licensed APs |
| | ruckusZD5000SystemSerialNumber | 1.3.6.1.4.1.25053.3.1.5.8.7 | Serial number |
| | ruckusZD5000SystemVersion | 1.3.6.1.4.1.25053.3.1.5.8.8 | Software version |
| | ruckusZD5000CountryCode | 1.3.6.1.4.1.25053.3.1.5.8.9 | Country code |
| | ruckusZD1200 | 1.3.6.1.4.1.25053.3.1.5.15 | ZD 1200 |
| | ruckusZD1200SystemName | 1.3.6.1.4.1.25053.3.1.5.15.1 | System name |
| | ruckusZD1200SystemIPAddr | 1.3.6.1.4.1.25053.3.1.5.15.2 | IP address |
| | ruckusZD1200SystemMacAddr | 1.3.6.1.4.1.25053.3.1.5.15.3 | MAC address |
| | ruckusZD1200SystemUptime | 1.3.6.1.4.1.25053.3.1.5.15.4 | Uptime |
| | ruckusZD1200SystemModel | 1.3.6.1.4.1.25053.3.1.5.15.5 | Model |

TABLE 154 Ruckus Wireless Controller Products MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--------------------------------|------------------------------|------------------|
| | ruckusZD1200SystemLicensedAPs | 1.3.6.1.4.1.25053.3.1.5.15.6 | Licensed APs |
| | ruckusZD1200SystemSerialNumber | 1.3.6.1.4.1.25053.3.1.5.15.7 | Serial number |
| | ruckusZD1200SystemVersion | 1.3.6.1.4.1.25053.3.1.5.15.8 | Software version |
| | ruckusZD1200CountryCode | 1.3.6.1.4.1.25053.3.1.5.15.9 | Country code |

ZoneDirector WLAN MIBs

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ZoneDirector WLAN MIBs Overview

The objects contained in the RUCKUS-ZD-WLAN-MIB.txt file provide WLAN information including SSID, encryption settings, transmission statistics, WLAN APs, radio stats, stations and rogue information.

The following tables list the objects within each top-level MIB tree in the RUCKUS-ZD-WLAN-MIB.txt file.

WLAN Info MIBs

Use the ZoneDirector WLAN Info MIBs to view WLAN settings information. [Table 155](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANInfo MIB tree.

TABLE 155 WLAN Info MIBs

| MIB Tree | Node Name | OID | Description |
|-------------------|------------------------------|--|--|
| ruckusZDWLANTable | ruckusZDWLANSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1 | SSID. |
| | ruckusZDWLANDescription | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.2 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.3 | WLAN Description. |
| | ruckusZDWLANAuthentication | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.3 | Authentication method. |
| | ruckusZDWLANEncryption | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.4 | Encryption method. |
| | ruckusZDWLANIsGuest | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.5 | This WLAN is for guest access. |
| | ruckusZDWLANSSIDBcastDisable | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.6 | Hide SSID. |
| | ruckusZDWLANVlanID | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.7 | Specifies the VLAN ID of the WLAN. If VLAN ID is 1, packets from this WLAN will be untagged. |
| | ruckusZDWLANRateLimitingUp | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.8 | Rate limiting of uplink. |
| | ruckusZDWLANRateLimitingDown | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.9 | Rate limiting of downlink. |
| | ruckusZDWLANTunnelWLAN | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.10 | Tunnel WLAN. |
| | ruckusZDWLANNumVAP | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.11 | Number of APs. |

TABLE 155 WLAN Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-----------------------------|------------------------------------|--|
| | ruckusZDWLANNumSta | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.12 | Number of client devices. |
| | ruckusZDWLANRxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.13 | Received packets. |
| | ruckusZDWLANRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.14 | Received bytes. |
| | ruckusZDWLANTxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.15 | Transmitted packets. |
| | ruckusZDWLANTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.16 | Transmitted bytes. |
| | ruckusZDWLANAssocNumSta | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.20 | Number of associated client devices, includes authorized and unauthorized. |
| | ruckusZDWLANAuthTotal | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.26 | Accumulated total number of attempt to authenticate by wireless terminals on this WLAN, or Authentication request. |
| | ruckusZDWLANAuthResp | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.27 | Authentication response. |
| | ruckusZDWLANAuthSuccess | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.28 | Accumulated total number of success out of Wireless authentication attempts. |
| | ruckusZDWLANAuthFail | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.29 | Authentication fail. |
| | ruckusZDWLANAssocTotal | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.30 | Accumulated total number of access of wireless terminal on this WLAN, or Association request. |
| | ruckusZDWLANAssocResp | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.31 | Association response. |
| | ruckusZDWLANReassocReq | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.32 | Reassociation request. |
| | ruckusZDWLANReassocResp | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.33 | Reassociation response. |
| | ruckusZDWLANAssocSuccess | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.34 | Association success. |
| | ruckusZDWLANAssocFail | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.3 | Association fail. |
| | ruckusZDWLANAssocDenied | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.36 | Association denied. |
| | ruckusZDWLANDiassocAbnormal | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.37 | Disassociation request due to abnormal causes. |
| | ruckusZDWLANDiassocCapacity | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.38 | Disassociation request due to device capacity. |
| | ruckusZDWLANDiassocLeave | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.39 | Disassociation request due to client leave. |
| | ruckusZDWLANDiassocMisc | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.40 | Disassociation request due to other reasons. |

TABLE 155 WLAN Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-------------------------------|---------------------------------------|---|
| | ruckusZDWLANRxByteRate | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.41 | Received rate Kbyte/s in last 90 seconds. |
| | ruckusZDWLANTxByteRate | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.42 | Transmitted rate Kbyte/s in last 90 seconds. |
| | ruckusZDWLANRxDataFrameOnLan | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.43 | Received Data Frame Number on Lan interface. |
| | ruckusZDWLANRxByteOnLan | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.44 | Received Data Bytes on Lan interface. |
| | ruckusZDWLANTxByteOnLan | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.45 | Transmitted Data Bytes on Lan interface. |
| | ruckusZDWLANDownDropFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.46 | Drop Frame Number on Downlink of Wireless. |
| | ruckusZDWLANDownRetxFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.47 | Retransmitted Frame Number on Downlink of Wireless. |
| | ruckusZDWLANDownTotalFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.48 | Total Frame Number on Downlink of Wireless. |
| | ruckusZDWLANDownTotalErrFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.49 | Total Error Frame Number on Downlink of Wireless. |
| | ruckusZDWLANUpTotalFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.50 | Total Frame Number on Uplink of Wireless. |
| | ruckusZDWLANUpDropFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.51 | Drop Frame Number on Uplink of Wireless. |
| | ruckusZDWLANUpRetxFrame | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.52 | Retransmitted Frame Number on Uplink of Wireless. |
| | ruckusZDWLANNAME | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.108 | WLAN NAME. |

WLAN AP Info MIBs

Use the ZoneDirector WLAN AP Info MIBs to view WLAN AP settings information. [Table 156](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPInfo MIB tree.

TABLE 156 WLAN AP Info MIBs

| MIB Tree | Node Name | OID | Description |
|---------------------|----------------------------|-------------------------------------|--------------------------------|
| ruckusZDWLANAPTable | ruckusZDWLANAPMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.1 | MAC address. |
| | ruckusZDWLANAPDescription | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.2 | Description. |
| | ruckusZDWLANAPStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.3 | The connection status with ZD. |
| | ruckusZDWLANAPModel | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.4 | Model name. |
| | ruckusZDWLANAPSerialNumber | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.5 | Serial number. |

TABLE 156 WLAN AP Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--------------------------------------|--------------------------------------|---|
| | ruckusZDWLANAPUptime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.6 | Up time. |
| | ruckusZDWLANAPSWversion | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.7 | Software version. |
| | ruckusZDWLANAPHWversion | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.8 | Hardware version. |
| | ruckusZDWLANAPIPAddrMode | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.9 | IP mode. |
| | ruckusZDWLANAPIPAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.10 | IP address. |
| | ruckusZDWLANAPNumRadios | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.13 | Number of radios. |
| | ruckusZDWLANAPNumVAP | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.14 | Number of APs. |
| | ruckusZDWLANAPNumSta | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.15 | Total number of authenticated terminal which is using currently on this AP. |
| | ruckusZDWLANAPNumRogues | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.16 | Number of rogue devices. |
| | ruckusZDWLANAPConnectionMode | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.17 | The connection mode with ZD. |
| | ruckusZDWLANAPMeshEnable | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.18 | Mesh enable. |
| | ruckusZDWLANAPMeshHops | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.19 | Number of mesh hops. |
| | ruckusZDWLANAPMeshType | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.20 | Mesh type. |
| | ruckusZDWLANAPLANStatsRXByte | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.21 | Bytes received on LAN port. |
| | ruckusZDWLANAPLANStatsRXPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.22 | Packets received on LAN port. |
| | ruckusZDWLANAPLANStatsRXPktErr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.23 | Packets received erroneously on LAN port. |
| | ruckusZDWLANAPLANStatsRXPktsucc | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.24 | Packets received successfully on LAN port. |
| | ruckusZDWLANAPLANStatsTXByte | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.25 | Bytes transmitted on LAN port. |
| | ruckusZDWLANAPLANStatsTXPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.26 | Packets transmitted on LAN port. |
| | ruckusZDWLANAPMemUtil | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.27 | Memory utilization in KB. |
| | ruckusZDWLANAPMemTotal | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.28 | Total memory in KB. |
| | ruckusZDWLANAPCPUUtil | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.29 | CPU utilization percentage. |
| | ruckusZDWLANAPFWSize | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.30 | Firmware partition size in byte. |
| | ruckusZDWLANAPFWAvail | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.31 | Firmware partition available size in byte. |
| | ruckusZDWLANAPMultipleVlanCapability | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.32 | AP support multiple vlan capability. |
| | ruckusZDWLANAP11bCapable | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.36 | Support 802.11b. |
| | ruckusZDWLANAP11gCapable | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.37 | Support 802.11g. |

TABLE 156 WLAN AP Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-------------------------------------|--------------------------------------|--|
| | ruckusZDWLANAPMultiModeAccessStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.38 | Support simultaneously connections from 11a/b/g clients. |
| | ruckusZDWLANAPEthStateChange | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.39 | Ethernet port up/down count. |
| | ruckusZDWLANAPSyncConf | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.41 | Manually push configuration to this AP. |
| | ruckusZDWLANAPUpgrade | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.42 | Upgrade this AP. |
| | ruckusZDWLANAPFirstJoinTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.43 | Time of first join. |
| | ruckusZDWLANAPLastBootTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.44 | Time of last boot. |
| | ruckusZDWLANAPLastUpgradeTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.45 | Time of last firmware upgrade. |
| | ruckusZDWLANAPLastConfSyncTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.46 | Time of last configuration synchronization. |
| | ruckusZDWLANAPLANStatsRXPkTbcst | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.47 | Broadcast packets received successfully on LAN port. |
| | ruckusZDWLANAPLANStatsRXPkTmcast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.48 | Multicast packets received successfully on LAN port. |
| | ruckusZDWLANAPLANStatsRXPkTucast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.49 | Unicast packets received successfully on LAN port. |
| | ruckusZDWLANAPLANStatsTXPKTbcst | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.50 | Broadcast packets transmitted successfully on LAN port. |
| | ruckusZDWLANAPLANStatsTXPKTmcast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.51 | Multicast packets transmitted successfully on LAN port. |
| | ruckusZDWLANAPLANStatsTXPKTucast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.52 | Unicast packets transmitted successfully on LAN port. |
| | ruckusZDWLANAPLANStatsDropped | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.53 | Number of packets dropped on LAN port. |
| | ruckusZDWLANAPMeshUpPortCntUpdown | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.54 | /updown count of AP as a up port node in mesh mode. |
| | ruckusZDWLANAPMeshDownPortCntUpdown | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.55 | /updown count of AP as a down port node in mesh mode. |
| | ruckusZDWLANAPTxFramDropped | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.57 | Dropped Frame count of AP wireless transmitted. |

TABLE 156 WLAN AP Info MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|----------------------------------|---------------------------------------|---|
| | ruckusZDWLANAPTxFramError | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.58 | Error Frame count of AP wireless transmitted. |
| | ruckusZDWLANAPCoverageTech | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.59 | AP's coverage technology. |
| | ruckusZDWLANAPStaTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.61 | Client send data to this AP.(kbytes) |
| | ruckusZDWLANAPStaRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.62 | Client receive data from this AP.(kbytes) |
| | ruckusZDWLANAPNetmask | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.100 | Netmask address. |
| | ruckusZDWLANAPGateway | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.101 | Gateway address. |
| | ruckusZDWLANAPIpv4DNSSvr1 | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.105 | Primary DNS address. |
| | ruckusZDWLANAPIpv4DNSSvr2 | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.106 | Second DNS address. |
| | ruckusZDWLANAPTotalUser | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.110 | Total number of client AP can support. |
| | ruckusZDWLANAPLANStatsRXByteRate | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.111 | Bytes rate received on LAN port each 90s. |
| | ruckusZDWLANAPLANStatsTXByteRate | 1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.112 | Bytes rate transmitted on LAN port each 90s. |

WLAN AP Radio Stats MIBs

Use the ZoneDirector WLAN AP Info MIBs to view WLAN AP settings information. [Table 157](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPRadioStatsTable MIB tree.

TABLE 157 ZD WLAN AP Radio Stats Table MIBS

| MIB Tree | Node Name | OID | Description |
|-------------------------------|-------------------------------------|--------------------------------------|-----------------------------|
| ruckusZDWLANAPRadioStatsTable | ruckusZDWLANAPRadioStatsAPMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.1 | AP MAC address. |
| | ruckusZDWLANAPRadioStatsRadioIndex | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.2 | Radio index of the AP. |
| | ruckusZDWLANAPRadioStatsRadioType | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.3 | Radio type. |
| | ruckusZDWLANAPRadioStatsChannel | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.4 | Radio channel. |
| | ruckusZDWLANAPRadioStatsTxPower | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.5 | Transmit power of radio. |
| | ruckusZDWLANAPRadioStatsMeshEnable | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.6 | Mesh enable. |
| | ruckusZDWLANAPRadioStatsNumVAP | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.7 | Number of APs. |
| | ruckusZDWLANAPRadioStatsNumSta | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.8 | Number of stations. |
| | ruckusZDWLANAPRadioStatsAvgStaRSSI | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.9 | Average client RSSI. |
| | ruckusZDWLANAPRadioStatsRxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.10 | Received packets. |
| | ruckusZDWLANAPRadioStatsRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.11 | Received bytes. |
| | ruckusZDWLANAPRadioStatsRxMulticast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.12 | Received multicast packets. |
| | ruckusZDWLANAPRadioStatsTxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.13 | Transmitted packets. |

TABLE 157 ZD WLAN AP Radio Stats Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|---|--------------------------------------|--|
| | ruckusZDWLANAPRadioStatsTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.14 | Transmitted bytes. |
| | ruckusZDWLANAPRadioStatsTxMulticast | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.15 | Transmitted multicast packets. |
| | ruckusZDWLANAPRadioStatsTxFail | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.16 | Transmitted fail packets. |
| | ruckusZDWLANAPRadioStatsTxRetries | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.17 | Transmitted retry packets. |
| | ruckusZDWLANAPRadioStatsPowerMgmt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.18 | Power management enable. |
| | ruckusZDWLANAPRadioStatsMaxSta | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.19 | Number of max stations allowed. |
| | ruckusZDWLANAPRadioStatsFrameErrorRate | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.20 | Frame error rate. |
| | ruckusZDWLANAPRadioStatsFrameRetryRate | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.21 | Frame retry rate. |
| | ruckusZDWLANAPRadioStatsMonitoredTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.22 | Monitored time. |
| | ruckusZDWLANAPRadioStatsTotalAssocTime | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.24 | Client total association time. |
| | ruckusZDWLANAPRadioStatsAuthReq | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.25 | Authentication request. |
| | ruckusZDWLANAPRadioStatsAuthResp | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.26 | Authentication response. |
| | ruckusZDWLANAPRadioStatsAuthSuccess | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.27 | Authentication success. |
| | ruckusZDWLANAPRadioStatsAuthFail | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.28 | Authentication fail. |
| | ruckusZDWLANAPRadioStatsAssocReq | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.29 | Association request. |
| | ruckusZDWLANAPRadioStatsAssocResp | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.30 | Association response. |
| | ruckusZDWLANAPRadioStatsReassocReq | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.31 | Reassociation request. |
| | ruckusZDWLANAPRadioStatsReassocResp | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.32 | Reassociation response. |
| | ruckusZDWLANAPRadioStatsAssocSuccess | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.33 | Association success. |
| | ruckusZDWLANAPRadioStatsAssocFail | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.34 | Association fail. |
| | ruckusZDWLANAPRadioStatsAssocDenied | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.35 | Association denied. |
| | ruckusZDWLANAPRadioStatsDiassocAbnormal | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.36 | Disassociation request due to abnormal causes. |
| | ruckusZDWLANAPRadioStatsDiassocCapacity | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.37 | Disassociation request due to device capacity. |
| | ruckusZDWLANAPRadioStatsDiassocLeave | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.38 | Disassociation request due to client leave. |
| | ruckusZDWLANAPRadioStatsDiassocMisc | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.39 | Disassociation request due to other reasons. |
| | ruckusZDWLANAPRadioStatsResourceUtil | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.40 | Resource utilization. |
| | ruckusZDWLANAPRadioStatsRxSignalFrm | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.41 | Received signal frames. |

TABLE 157 ZD WLAN AP Radio Stats Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--|--------------------------------------|----------------------------|
| | ruckusZDWLANAPRadioStatsTxSignalFrm | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.42 | Transmitted signal frames. |
| | ruckusZDWLANAPRadioStatsTotalSignalFrm | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.43 | Total signal frames. |
| | ruckusZDWLANAPRadioStatsAntennaGain | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.44 | Get antenna gain. |
| | ruckusZDWLANAPRadioStatsBeaconPeriod | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.45 | Get beacon period. |
| | ruckusZDWLANAPRadioStatsRTSThreshold | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.46 | Get RTS threshold. |
| | ruckusZDWLANAPRadioStatsFragThreshold | 1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.47 | Get fragment threshold. |

WLAN VAP Table MIBs

Use the ZoneDirector WLAN VAP Info MIBs to view WLAN VAP settings information. [Table 158](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANVapTable MIB tree.

TABLE 158 ZD WLAN VAP Table MIBs

| MIB Tree | Node Name | OID | Description |
|----------------------|---------------------------------|--------------------------------------|--|
| ruckusZDWLANVapTable | ruckusZDWLANVapBSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.1 | The VAP's BSSID ,it is a MAC Address. |
| | ruckusZDWLANVapPAPAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.2 | The MAC address of the Parent's AP. |
| | ruckusZDWLANVapSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.3 | SSID of VAP. |
| | ruckusZDWLANVapLanRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.6 | Received bytes on LAN in VAP. |
| | ruckusZDWLANVapLanTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.7 | Transmitted bytes on LAN in VAP. |
| | ruckusZDWLANVapWlanRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.8 | Received bytes on WLAN in VAP. |
| | ruckusZDWLANVapWlanTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.9 | Transmitted bytes on WLAN in VAP. |
| | ruckusZDWLANVapWlanRxRxErrorPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.11 | Received error packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanRxUnicastPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.12 | Received unicast packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanTxUnicastPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.13 | Transmitted unicast packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanRxPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.14 | Received packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanRxDropPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.15 | Received dropped packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanTxErrPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.16 | Transmitted error packet on WLAN in VAP. |

TABLE 158 ZD WLAN VAP Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|------------------------------|--------------------------------------|--|
| | ruckusZDWLANVapWlanTxPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.17 | Transmitted packet on WLAN in VAP. |
| | ruckusZDWLANVapWlanTxDropPkt | 1.3.6.1.4.1.25053.1.2.2.1.1.2.3.1.18 | Transmitted dropped packet on WLAN in VAP. |

WLAN Interface Table MIBs

Use the ZoneDirector WLAN VAP Info MIBs to view WLAN IF settings information. [Table 159](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANIfTable MIB tree.

TABLE 159 WLAN Interface Table MIBs

| MIB Tree | Node Name | OID | Description |
|---------------------|------------------------------|--------------------------------------|---|
| ruckusZDWLANIfTable | ruckusZDWLANAPMac | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.1 | The AP's Mac Address. |
| | ruckusZDWLANAPIfIndex | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.2 | The index of Interface in AP. |
| | ruckusZDWLANAPIfDescr | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.3 | The Description information for this interface. |
| | ruckusZDWLANAPIfType | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.4 | The type of interface. |
| | ruckusZDWLANAPIfMtu | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.5 | The size of the largest packet which can be sent/received. |
| | ruckusZDWLANAPIfSpeed | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.6 | An estimate of the interface's current bandwidth in bits. |
| | ruckusZDWLANAPIfPhysAddress | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.7 | The interface's mac address. |
| | ruckusZDWLANAPIfAdminStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.8 | The desired state of the interface: up(1), down(2), testing(3). |
| | ruckusZDWLANAPIfOperStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.9 | The current operational state of the interface: up(1), down(2), testing(3), unknown(4), dormant(5), notPresent(6), lowerLayerDown(7). |
| | ruckusZDWLANAPIfInOctets | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.10 | The total number of octets received on the interface. |
| | ruckusZDWLANAPIfInUcastPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.11 | The total number of unicast packets received on the interface. |
| | ruckusZDWLANAPIfInNUcastPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.12 | The total number of multicast and broadcast packets |

TABLE 159 WLAN Interface Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--------------------------------|--------------------------------------|--|
| | | | received on the interface. |
| | ruckusZDWLANAPIfnDiscards | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.13 | The number of inbound packets which were chosen to be discarded even though no errors had been detected . |
| | ruckusZDWLANAPIfnErrors | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.14 | The number of inbound packets that contained errors. |
| | ruckusZDWLANAPIfnUnknownProtos | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.15 | The number of packets received via the interface which were discarded because of an unknown or unsupported protocol. |
| | ruckusZDWLANAPIfOutOctets | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.16 | The total number of octets transmitted out of the interface. |
| | ruckusZDWLANAPIfOutUcastPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.17 | The total number of unicast packets transmitted out of the interface. |
| | ruckusZDWLANAPIfOutNUcastPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.18 | The total number of multicast and broadcast packets transmitted out of the interface. |
| | ruckusZDWLANAPIfOutDiscards | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.19 | The number of outbound packets which were chosen to be discarded even though no errors had been detected. |
| | ruckusZDWLANAPIfOutErrors | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.20 | The number of outbound packets that could not be transmitted because of errors. |
| | ruckusZDWLANAPIfName | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.21 | The name of interface. |
| | ruckusZDWLANAPIfNameDefined | 1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.22 | The alias of interface. |

WLAN AP Ethernet Status Table MIBs

Use the ZoneDirector WLAN AP Ethernet Status MIBs to view WLAN AP Ethernet status information. [Table 160](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPEthStatusTable MIB tree.

TABLE 160 ZD WLAN AP Ethernet Status Table MIBs

| MIB Tree | Node Name | OID | Description |
|------------------------------|--------------------------------|--------------------------------------|--|
| ruckusZDWLANAPEthStatusTable | ruckusZDWLANAPMacAddress | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.1 | The AP's Mac Address. |
| | ruckusZDWLANAPEthPortId | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.2 | The ap ethernet port id. |
| | ruckusZDWLANAPEthIfname | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.5 | The name of interface. |
| | ruckusZDWLANAPEthDot1xStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.6 | The ap ethernet port Dot1xStatus. |
| | ruckusZDWLANAPEthLogicalStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.7 | The ap ethernet port logical status. |
| | ruckusZDWLANAPEthPhyStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.8 | The ap ethernet port physical status. |
| | ruckusZDWLANAPEthPhyIfSpeed | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.9 | The ap ethernet interface's current bandwidth in Mbits,. |
| | ruckusZDWLANAPEthPhyLinkStatus | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.10 | The ap ethernet port physical link status. |
| | ruckusZDWLANAPEthLabel | 1.3.6.1.4.1.25053.1.2.2.1.1.2.8.1.11 | The ap ethernet port label. |

WLAN Station Info MIBs

Use the ZoneDirector WLAN Station Info MIBs to view WLAN station information. [Table 161](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANStaInfo MIB tree.

TABLE 161 ZD WLAN Station Table MIBs

| MIB Tree | Node Name | OID | Description |
|----------------------|--------------------------|--------------------------------------|---------------------------------------|
| ruckusZDWLANStaTable | ruckusZDWLANStaMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.1 | The station's MAC Address. |
| | ruckusZDWLANStaAPMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.2 | The MAC address of the associated AP. |
| | ruckusZDWLANStaBSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.3 | BSSID of WLAN. |
| | ruckusZDWLANStaSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.4 | SSID. |
| | ruckusZDWLANStaUser | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.5 | Logged username of the client. |
| | ruckusZDWLANStaRadioType | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.6 | Radio type. |
| | ruckusZDWLANStaChannel | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.7 | Radio channel. |
| | ruckusZDWLANStaIPAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.8 | IP address. |
| | ruckusZDWLANStaAvgRSSI | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.9 | Averaged RSSI. |
| | ruckusZDWLANStaRxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.10 | Received packets. |
| | ruckusZDWLANStaRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.11 | Received bytes. |
| | ruckusZDWLANStaTxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.12 | Transmitted packets. |
| | ruckusZDWLANStaTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.13 | Transmitted bytes. |
| | ruckusZDWLANStaRetries | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.14 | Transmitted retries. |

TABLE 161 ZD WLAN Station Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|-----------------------|-------------------------------|--------------------------------------|---|
| | ruckusZDWLANStaAssocTime | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.15 | The time client has been associated. |
| | ruckusZDWLANStaRxError | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.16 | Received error packets. |
| | ruckusZDWLANStaTxSuccess | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.17 | Successful transmitted packets. |
| | ruckusZDWLANSta11bgReassoc | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.18 | Reassociate count on B/G RF. |
| | ruckusZDWLANStaAssocTimestamp | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.19 | The timestamp client associated. |
| | ruckusZDWLANStaRetryBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.20 | Transmitted retry bytes. |
| | ruckusZDWLANStaSNR | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.21 | Station's Signal to Noise Ratio. |
| | ruckusZDWLANStaRxDrop | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.22 | Drop transmitted packets. |
| | ruckusZDWLANStaTxDrop | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.23 | Drop received packets. |
| | ruckusZDWLANStaTxError | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.24 | Transmitted error packets. |
| | ruckusZDWLANStaVlanID | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.30 | VLAN ID of the station. 1 for not specified. |
| | ruckusZDWLANStaAuthMode | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.80 | Authentication mode of authenticated terminal. |
| | ruckusZDWLANStaSignalStrength | 1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.81 | Signal strength. |
| ruckusZDWiredStaTable | | | |
| | ruckusZDWiredStaMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.1 | The station's MAC Address. |
| | ruckusZDWiredStaAPMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.3 | The MAC address of the associated AP. |
| | ruckusZDWiredStaIPAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.5 | IP address. |
| | ruckusZDWiredStaIPv6Addr | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.6 | IPV6 Address |
| | ruckusZDWiredStaVlanID | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.8 | VLAN ID of the station. 1 for not specified. |
| | ruckusZDWiredStaUserName | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.9 | Logged username of the client. |
| | ruckusZDWiredStaAuthState | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.10 | Authentication state of authenticated terminal. |
| | ruckusZDWiredStaAssocTime | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.11 | The time client has been associated. |
| | ruckusZDWiredStaRxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.15 | Received packets. |
| | ruckusZDWiredStaRxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.16 | Received bytes. |
| | ruckusZDWiredStaTxPkts | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.17 | Transmitted packets. |

TABLE 161 ZD WLAN Station Table MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|-------------------------|--------------------------------------|--------------------|
| | ruckusZDWiredStaTxBytes | 1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.18 | Transmitted bytes. |

WLAN Rogue Info MIBs

Use the ZoneDirector WLAN Rogue Info MIBs to view WLAN rogue information. [Table 161](#) on page 93 lists the node names, OIDs and descriptions of each object in the ruckusZDWLANRogueInfo MIB tree.

TABLE 162 ZD WLAN Rogue Info MIBs

| MIB Tree | Node Name | OID | Description |
|------------------------|---------------------------------|--------------------------------------|-------------------------------|
| ruckusZDWLANRogueTable | ruckusZDWLANRogueMacAddr | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.1 | Rogue device's MAC Address. |
| | ruckusZDWLANRogueSSID | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.2 | SSID. |
| | ruckusZDWLANRogueRadioType | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.3 | Radio type. |
| | ruckusZDWLANRogueChannel | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.4 | Radio channel. |
| | ruckusZDWLANRogueRSSI | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.5 | RSSI. |
| | ruckusZDWLANRogueType | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.6 | The type of the rogue device. |
| | ruckusZDWLANRogueEncrypted | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.7 | Encryption mode. |
| | ruckusZDWLANRogueSignalStrength | 1.3.6.1.4.1.25053.1.2.2.1.1.4.1.1.11 | Signal strength. |

ZoneDirector WLAN Configuration MIBs

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ZoneDirector WLAN Configuration MIBs Overview

The objects contained in the RUCKUS-ZD-WLAN-CONFIGURATION-MIB.txt file provide WLAN configuration options including WLAN name, encryption settings, WLAN group settings, Hotspot settings and AAA server configuration settings.

The following tables list the objects within each top-level MIB tree in the RUCKUS-ZD-WLAN-CONFIGURATION-MIB.txt file.

WLAN Configuration MIBs

Use the ZoneDirector WLAN Configuration MIBs to configure WLAN settings. The following table lists the node names, OIDs and descriptions of each object in the WLAN Configuration MIB tree.

TABLE 163 WLAN Configuration MIBs

| MIB Tree | Node Name | OID | Description |
|---------------------------------------|-----------------------------------|--------------------------------------|--|
| ruckusZDWLANConfigTable (SNMPv3 only) | ruckusZDWLANID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.1 | WLAN ID for this Wireless LAN (WLAN). Max value: for zd1000 zd1100, 128; for zd3000,1024;for zd5000, 2048. |
| | ruckusZDWLANConfigSSID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.2 | SSID for this Wireless LAN. It can't be modified after creating it. |
| | ruckusZDWLANConfigDescription | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.3 | Description for this Wireless LAN. |
| | ruckusZDWLANConfigName | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.4 | Name for this Wireless LAN. |
| | ruckusZDWLANConfigWLANServiceType | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.8 | Select The the Service type for the Wireless LAN.for hotSpotService,only read-only. |
| | ruckusZDWLANConfigAuthentication | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.10 | Authentication method chosen for this Wireless LAN. |
| | ruckusZDWLANConfigEncryption | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.12 | Encryption method chosen for this Wireless LAN. |

TABLE 163 WLAN Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|---|------------------------------------|---|
| | ruckusZDWLANConfigWEPKeyIndex | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.15 | Select the WEP key index for the WEP encryption. |
| | ruckusZDWLANConfigWEPKey | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.16 | Enter the Pass-phrase for the WEP encryption method.Only 10 or 26 Hex character.such as: 1122334455. |
| | ruckusZDWLANConfigWPACipherType | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.20 | Enter the encryption cipher method for the WPA encryption. |
| | ruckusZDWLANConfigWPAKey | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.21 | Enter the Pass-phrase for the WPA encryption.Specifies the WPA PSK (Wi-Fi Protected Access Pre Shared key) If the key length is 64 then all 64 characters should be in hex,otherwise the key assumed to be ascii. |
| | ruckusZDWLANConfigAuthenticationServerID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.25 | Select the Authentication Server by the registered Server ID.This server id must exist in table: ruckusZDAAAConfigTable(aaa-authentication) or local. |
| | ruckusZDWLANConfigWirelessClientIsolation | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.28 | Set Wireless Client Isolation. Clients will be unable to communicate with each other or access restricted subnets. |
| | ruckusZDWLANConfigWirelessWhiteListID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.29 | Make sure client isolation is enabled and then choose one id. |
| | ruckusZDWLANConfigZeroITActivation | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.30 | Enable the Zero IT Activation Service of the Wireless LAN or not. |
| | ruckusZDWLANConfigWLANHotspotID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.31 | Select the Hotspot Server for the Wireless LAN. |
| | ruckusZDWLANConfigWLANServicePriority | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.32 | Select the QOS service priority for the Wireless LAN. |
| | ruckusZDWLANConfigAccountingServerID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.35 | Select the (RADIUS) Accounting Server by the registered Server |

TABLE 163 WLAN Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--|--------------------------------------|---|
| | | | ID. 0,disable;This server ID must exist in table: ruckusZDAAAConfigTable (AAA-accounting) |
| | ruckusZDWLANConfigAccountingUpdateInterval | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.36 | Enter interval in minutes to update Accounting Server. |
| | ruckusZDWLANConfigUplinkRate | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.40 | Disable or Set the Speed/Rate limiting of uplink. Valid range 0.25mbps~20.00mbps in 0.25mbps steps. Examples: 'disable', '0.25mbps', '0.5mbps',..., '19.75mbps', '20.00mbps' |
| | ruckusZDWLANConfigDownlinkRate | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.41 | Disable or Set the Speed/Rate limiting of downlink. Valid range 0.25mbps~20.00mbps in 0.25mbps steps. Examples: 'disable', '0.25mbps', '0.5mbps',..., '19.75mbps', '20.00mbps' |
| | ruckusZDWLANConfigIGMPSnooping | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.42 | IGMP Snooping state of the WLAN. |
| | ruckusZDWLANConfigVlanID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.45 | Specifies the VLAN ID of the WLAN. If VLAN ID is 1, packets from this WLAN will be untagged. |
| | ruckusZDWLANConfigDynamicVLAN | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.46 | Enable the Service of the dynamic Wireless LAN or not.For 802.1x EAP + MAC Address model,'set' is not supported. |
| | ruckusZDWLANConfig802dot11d | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.47 | Enable 802.11d. |
| | ruckusZDWLANConfigOfdmonly | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.48 | Enable OFDM-only. |
| | ruckusZDWLANConfigBSSMinrate | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.49 | Set BSS-minrate. If OFDM-only is disabled, the value should be: 0, 1, 2, 5.5, 12, 24 (Mbps). if ODM-only is enabled, the value should be: 0, 12, 24 (Mbps), the default value is 0. |
| | ruckusZDWLANConfigHideSSID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.50 | Hide SSID; do not broadcast SSID. |

TABLE 163 WLAN Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|--|--------------------------------------|--------------------------------------|--|
| | ruckusZDWLANConfigTunnelMode | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.52 | Enable Tunnel support capability for the Wireless LAN. |
| | ruckusZDWLANConfigBackgroundScanning | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.53 | Select Background Scanning support capability for the Wireless LAN. |
| | ruckusZDWLANConfigMaxClientsPerAP | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.55 | Select the Number of client devices the AP can service for the Wireless LAN. |
| | ruckusZDWLANConfigWebAuthentication | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.60 | Enable WEP Authentication or not. |
| | ruckusZDWLANConfigRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.63 | Create, Delete Administration control for this Wireless LAN. 1: ACTIVE state, only for read; 4: CREATEANDGO, create a new table; 6: DESTROY, delete an existing table. |
| ruckusZDWLANGroupConfigTable (SNMPv3 only) | ruckusZDWLANGroupID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.1 | WLAN Group ID. It can't be modified after creating it. Max value: for zd1000 and zd1100, 128; for zd3000, 1024; for zd5000,2048 |
| | ruckusZDWLANGroupConfigName | 1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.5 | Name for this Wireless LAN Group. |
| | ruckusZDWLANGroupConfigDescription | 1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.6 | Description for this Wireless LAN Group. |
| | ruckusZDWLANGroupVlanOverrideStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.8 | Enable VLAN Override for the Wireless LAN Group. |
| | ruckusZDWLANGroupConfigRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.15 | Create, Delete Administration control for this Wireless LAN Group. 1: ACTIVE state, only for read; 4: CREATEANDGO, create a new table; 6: DESTROY, delete an existing table. |
| ruckusZDWLANGroupCfgAttrTable (SNMPv3 only) | ruckusZDWLANGroupCfgAttrOverrideType | 1.3.6.1.4.1.25053.1.2.2.2.1.1.3.1.3 | WLAN group VLAN Override Type. |
| | ruckusZDWLANGroupCfgAttrWGvlanTag | 1.3.6.1.4.1.25053.1.2.2.2.1.1.3.1.4 | WLAN group VLAN tag. For set, range is 1-4094. For get,, |

TABLE 163 WLAN Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|---|---|--------------------------------------|---|
| | | | range is 0-4094. 1: If VLAN ID is 1, packets from this WLAN will be untagged; 0: for node ruckusZDWLANGroup CfgAttrOverrideType is nochange |
| | ruckusZDWLANGroupCfgAttrRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.3.1.10 | Create, Delete Administration control for this Wireless LAN group attr. 1: ACTIVE state, only for read; 4: CREATEANDGO, create a new table; 6: DESTROY, delete an existing table. |
| ruckusZDHotspotConfigTable (SNMPv3 only) | ruckusZDHotspotID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.1 | Hotspot ID. |
| | ruckusZDHotspotName | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.2 | Name for this Hotspot.Can't be modified if created. |
| | ruckusZDHotspotRedirectLoginPage | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.3 | Redirect unauthenticated user to this for authentication. It is URL or IP address. |
| | ruckusZDHotspotRedirectStartURL | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.4 | After user is authenticated, redirect to this URL if the redirect type is URL. |
| | ruckusZDHotspotRedirectType | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.6 | To decide the redirect target. If it is user, redirect to the user intends to visit. |
| | ruckusZDHotspotRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.8.1.15 | Create, Delete Administration control for this Hotspot. |
| ruckusZDClientIsolationWhiteListTable | ruckusZDClientIsolationWhiteListID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.15.1.1 | Client Isolation White List ID. It can't be modified after creating it. |
| | ruckusZDClientIsolationWhiteListName | 1.3.6.1.4.1.25053.1.2.2.2.1.1.15.1.5 | Name for this Client Isolation White List. |
| | ruckusZDClientIsolationWhiteListDescription | 1.3.6.1.4.1.25053.1.2.2.2.1.1.15.1.6 | Description for this Client Isolation White List. |
| | ruckusZDClientIsolationWhiteListRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.15.1.6 | Create, Delete Administration |

TABLE 163 WLAN Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|---|---|---------------------------------------|---|
| | | | control for this Client Isolation White List. 1. ACTIVE state, only for read; 4. CREATEANDGO, create a new table; 6. DESTROY, delete an existing table. |
| ruckusZDClientIsolationWhiteListRuleTable | ruckusZDClientIsolationWhiteListRuleID | 1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.1 | WLAN Client Isolation White List Rule ID. |
| | ruckusZDClientIsolationWhiteListRuleDescription | 1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.3 | Description for this Client Isolation White List Rule. |
| | ruckusZDClientIsolationWhiteListRuleMac | 1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.5 | MAC address. |
| | ruckusZDClientIsolationWhiteListRuleDesAddr | 1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.6 | IP address. |
| | ruckusZDClientIsolationWhiteListRuleRowStatus | 1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.10 | Create, Delete Administration control for this Wireless LAN group attr. 1. ACTIVE state, only for read; 4. CREATEANDGOcreate a new table; 6. DESTROY, delete a existing table. |

ZoneDirector AAA Configuration MIBs

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ZoneDirector AAA Configuration MIBs Overview

The ZoneDirector AAA Configuration module contains objects for configuration of AAA server objects.

Table 164 lists the node names, OIDs and descriptions of each object in the AAA Configuration MIB tree.

TABLE 164 ZoneDirector AAA server configuration MIB Tree

| MIB Tree | Node Name | OID | Description |
|------------------------|--------------------------------------|--------------------------------------|---|
| ruckusZDAAAConfigTable | ruckusZDAAAConfigID | 1.3.6.1.4.1.25053.1.2.2.3.1.1.1.1.1 | AAA Directory Server ID. |
| | ruckusZDAAAConfigName | 1.3.6.1.4.1.25053.1.2.2.3.1.1.1.1.2 | Server name for this AAA or Directory Server. It can't be modified after creating. |
| | ruckusZDAAAConfigServiceType | 1.3.6.1.4.1.25053.1.2.2.3.1.1.1.1.3 | The Service type for this AAA or LDAP/ Active Directory server. For current version, active-directory and ldap-directory are not supported (for set). |
| | ruckusZDAAAConfigRowStatus | 1.3.6.1.4.1.25053.1.2.2.3.1.1.1.1.10 | Row Status, Control of Add, Delete of the Directory Server. 1: ACTIVE state, only for read; 4: CREATEANDGO, create a new table; 6: DESTROY, delete an existing table. |
| ruckusZDAAASvrTable | ruckusZDAAARadiusBackupControl | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.5 | Enable Primary-Secondary Backup scheme for this RADIUS Server. |
| | ruckusZDAAARadiusPrimarySvrIpAddress | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.10 | The IP(V4 or V6) Address chosen for this RADIUS or Directory Server. |
| | ruckusZDAAARadiusPrimarySvrPort | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.11 | The port number chosen for this RADIUS Server. for auth, the value should be 1812; for account, the value should be 1813. |

TABLE 164 ZoneDirector AAA server configuration MIB Tree (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--|--------------------------------------|---|
| | ruckusZDAAAARadiusPrimarySvrPasswd | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.12 | The Password entered for this RADIUS Server. |
| | ruckusZDAAAARadiusSecondarySvrIpAddress | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.15 | The IP(V4 or V6) Address for the backup RADIUS Server. |
| | ruckusZDAAAARadiusSecondarySvrPort | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.16 | The port number for the backup RADIUS Server. |
| | ruckusZDAAAARadiusSecondarySvrPasswd | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.17 | The Password for the backup RADIUS Server. |
| | ruckusZDAAAARadiusFailoverTimeout | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.20 | The timeout in seconds configured for RADIUS Server Failover for the Server. |
| | ruckusZDAAAARadiusFailoverRetry | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.21 | The number of reconnect retry configured for RADIUS Server Failover for the Server. |
| | ruckusZDAAAARadiusFailoverReconnectPrimary | 1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.22 | The number of seconds configured for RADIUS Server to reconnect to the Primary Server |

ZoneDirector AP Configuration MIBs

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ZoneDirector AP Configuration MIBs Overview

The objects contained in the RUCKUS-ZD-AP-MIB.txt file provide Access Point configuration options including AP name, IP address settings, radio settings and mesh settings.

The following tables list the objects within each top-level MIB tree in the RUCKUS-ZD-AP-MIB.txt file.

AP Configuration MIBs

Table 165 lists the node names, OIDs and descriptions of each object in the AP Configuration MIB tree.

TABLE 165 AP Configuration MIBs

| MIB Tree | Node Name | OID | Description |
|-----------------------------------|--|--------------------------------------|--|
| ruckusZDAPConfig (SNMPv3 only) | ruckusZDAPConfigID | 1.3.6.1.4.1.25053.1.2.1.1.1.1.1 | AP ID.Max value:for zd1000,50;for zd1100,100;for zd3000,500;zd5000,1000. |
| | ruckusZDAPConfigMacAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.2 | AP MAC Address. |
| | ruckusZDAPConfigAPModel | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.4 | AP Model. |
| | ruckusZDAPConfigDeviceName | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.5 | AP Name. |
| | ruckusZDAPConfigDescription | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.6 | AP Description. |
| | ruckusZDAPConfigLocation | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.7 | AP Location. |
| | ruckusZDAPConfigGpsLatitude | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.10 | The AP GPS location measured. the range is '-90,90'. |
| | ruckusZDAPConfigGpsLongitude | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.11 | The AP GPS location measured. the range is '-180,180'. |
| | ruckusZDAPConfigIPVersion | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.14 | The AP IP version. |
| | ruckusZDAPConfigIpAddressSettingMode | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.15 | "The AP IP address configuration setting control. |
| | ruckusZDAPConfigIpAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.16 | The AP IP address. |
| | ruckusZDAPConfigIpAddressMask | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.17 | The AP IP address mask. |
| | ruckusZDAPConfigGatewayIpAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.20 | The AP Gateway IP Address. |
| | ruckusZDAPConfigIPv6AddressSettingMode | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.21 | "The AP IPV6 address configuration setting control. |

TABLE 165 AP Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|--|--------------------------------------|---|
| | ruckusZDAPConfigIpV6Address | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.22 | The AP IPV6 address. |
| | ruckusZDAPConfigIpV6PrefixLen | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.23 | The AP IPV6 prefix length. |
| | ruckusZDAPConfigGatewayIpV6Address | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.24 | The AP Gateway IPV6 Address. |
| | ruckusZDAPConfigPrimaryDnsIpAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.25 | The AP Primary DNS IP Address. |
| | ruckusZDAPConfigSecondaryDnsIpAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.26 | The AP Secondary DNS IP Address. |
| | ruckusZDAPConfigPrimaryDnsIpV6Address | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.27 | The AP Primary DNS IPV6 Address. |
| | ruckusZDAPConfigSecondaryDnsV6IpAddress | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.28 | The AP Secondary DNS IPV6 Address. |
| | ruckusZDAPConfigRadioType | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.30 | The AP Wireless type. |
| | ruckusZDAPConfigRadioChannel24 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.31 | "The AP Channel selection on the 2.4 GHz radio. |
| | ruckusZDAPConfigRadioTxPowerLevel24 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.32 | The AP Tx Power level selection on the 2.4 GHz radio. |
| | ruckusZDAPConfigRadioWlanGroup24 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.33 | The AP WLAN group (name) selection on the 2.4 GHz radio. |
| | ruckusZDAPConfigRadioEnableWlanService24 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.34 | The AP enable wlan service flag on the 2.4 GHz radio. |
| | ruckusZDAPConfigRadioChannel5 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.40 | "The AP Channel selection on the 5 GHz radio. |
| | ruckusZDAPConfigRadioTxPowerLevel5 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.41 | The AP Tx Power level selection on the 5 GHz radio. |
| | ruckusZDAPConfigRadioWlanGroup5 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.42 | The AP WLAN group (name) selection on the 5 GHz radio. |
| | ruckusZDAPConfigRadioEnableWlanService5 | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.43 | The AP enable wlan service flag on the 5 GHz radio. |
| | ruckusZDAPConfigMeshConfigurationMode | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.50 | The AP Mesh network configuration mode. |
| | ruckusZDAPConfigUplinkSelectionMode | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.51 | The AP network uplink selection mode. For manual, now 'set' is not supported. |
| | ruckusZDAPConfigApproveMode | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.52 | AP approval state. For not-approved, 'set' is not supported. |
| | ruckusZDAPConfigManagementAdmin | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.60 | Admin action to remove this AP from the ZD management. |

TABLE 165 AP Configuration MIBs (continued)

| MIB Tree | Node Name | OID | Description |
|----------|----------------------------------|--------------------------------------|------------------------|
| | ruckusZDAPConfigAutoReboot | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.62 | Enable AP auto reboot. |
| | ruckusZDAPConfigAutoRebootPeriod | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.63 | AP auto reboot period. |
| | ruckusZDAPConfigRebootNow | 1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.64 | AP reboot right now. |

AP LBS Info MIBs

Table 166 lists the node names, OIDs and descriptions of each object in the AP LBS Info MIB tree.

TABLE 166 AP LBS Info MIBs

| MIB Tree | Node Name | OID | Description |
|-------------------------|--------------------------------|-------------------------------------|--|
| ruckusZDAPLBSVenueTable | ruckusZDAPLBSAPGroupID | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.1 | ID of the AP Group referenced to a venue. Max value:for zd1000,8;for zd1100,32;for zd3000,256; for zd5000,512. |
| | ruckusZDAPLBSVenueName | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.2 | Venue Name. |
| | ruckusZDAPLBSVenueAPGrpName | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.3 | AP group name referenced by this venue. |
| | ruckusZDAPLBSVenueLSConnection | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.4 | LS connection status. |
| | ruckusZDAPLBSVenue24GMode | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.5 | 2.4 G band mode. |
| | ruckusZDAPLBSVenue5GMode | 1.3.6.1.4.1.25053.1.2.2.4.1.2.1.1.6 | 5 G band mode. |

Appendix - Changes in This Version

- MIB Changes in 10.2..... 109
- ZoneDirector SNMP MIB Changes.....109

MIB Changes in 10.2

The following tables list the node name and OID changes in version 10.2.

For a list of changes between version 10.1 and earlier versions, see the *ZoneDirector 10.1 SNMP Reference Guide*, "Appendix - Changes in this Version" section.

ZoneDirector SNMP MIB Changes

The following section lists the changes in ZoneDirector SNMP MIBs between version 10.1 and 10.2.

ZD Products MIB Changes

The following table lists the changes in the RUCKUS-ZD-PRODUCTS-MIB.txt file in this version.

| MIB Tree | OID | Node Name | Change |
|-------------------------------|----------------------------------|-------------------------------|-------------|
| ruckusWirelessHotzoneProducts | 1.3.6.1.4.1.25053.3.1.4.96 | ruckusCMM310 | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.97 | ruckusT811CM | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.107 | ruckusM510 | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.108 | ruckusR730 | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.97.3 | ruckusT811CMControlLED | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.97.4 | ruckusCMM310WanIPAddr | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.97.10 | ruckusCMM310WanIPv6Addr | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.3 | ruckusCMM310ControlLED | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.4 | ruckusCMM310WanIPAddr | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5 | ruckusCMM310Customization | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.1 | ruckusCMM310HTTPService | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.2 | ruckusCMM310TelnetService | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.3 | ruckusCMM310SSHSservice | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.3.1 | ruckusCMM310SSHLanService | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.3.2 | ruckusCMM310SSHWanService | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.4 | ruckusCMM310Username | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.5 | ruckusCMM310Password | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.6 | ruckusCMM310SKUInformation | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.6.1 | ruckusCMM310SKUID | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.5.6.2 | ruckusCMM310SKUCurrentRFSplit | New in 10.2 |

| | | | |
|--|--------------------------------|------------------------------------|-------------|
| | 1.3.6.1.4.1.25053.3.1.4.96.5.7 | ruckusCMM310EthernetMonitorService | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.9 | ruckusCMM310CpeAgingOutTimer | New in 10.2 |
| | 1.3.6.1.4.1.25053.3.1.4.96.10 | ruckusCMM310WanIPv6Addr | New in 10.2 |

ZD WLAN Info MIB Changes

The following table lists the changes in the ruckusZDWLANEntry MIB tree in this version.

| MIB Tree | OID | Node Name | Change |
|-------------------|-------------------------------------|------------------------|---|
| ruckusZDWLANEntry | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.4.1 | ruckusZDWLANRxByteRate | Changed "bytes in last 5 minutes" to "Kbytes in last 90 seconds." |
| | 1.3.6.1.4.1.25053.1.2.2.1.1.1.1.4.2 | ruckusZDWLANTxByteRate | Changed "bytes in last 5 minutes" to "Kbytes in last 90 seconds." |