



Ruckus Wireless™ ZoneDirector™

Release 10.0 SNMP Reference Guide

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About This Guide

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

NOTE For information on how to enable SNMP trap delivery and configure other SNMP settings on 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 Wireless Support Web site at <https://support.ruckuswireless.com/documents>.

Document Conventions

The following two tables list the text and notice conventions that are used throughout this guide.

Table 1. Text conventions

Convention	Description	Example
monospace	Represents information as it appears on screen	[Device name]>
monospace bold	Represents information that you enter	[Device name]> set ipaddr 10.0.0.12
default font bold	Keyboard keys, software buttons, and field names	On the Start menu, click All Programs .
<i>italics</i>	Screen or page names	Click Advanced Settings . The <i>Advanced Settings</i> page appears.

Table 2. Notice conventions

Notice Type	Description
NOTE	Information that describes important features or instructions

Table 2. Notice conventions

Notice Type	Description
CAUTION!	Information that alerts you to potential loss of data or potential damage to an application, system, or device
WARNING!	Information that alerts you to potential personal injury

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.

Documentation Feedback

Ruckus Wireless is interested in improving its documentation and welcomes your comments and suggestions. You can email your comments to Ruckus Wireless at:

docs@ruckuswireless.com

When contacting us, please include the following information:

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

For example:

- ZoneDirector 10.0 SNMP Reference Guide
- Part number: 800-71584-001 Revision A
- Page 88

Online Training Resources

To access a variety of online Ruckus Wireless training modules, including free introductory courses to wireless networking essentials, site surveys, and Ruckus Wireless products, visit the Ruckus Wireless Training Portal at:

<https://training.ruckuswireless.com>

Events and Traps

1

In this chapter:

- [Event MIBs Overview](#)
- [ZoneDirector Event MIB Group](#)
- [Ruckus ZD Event Objects](#)
- [AP and Client Event MIB Group](#)
- [ZD Event Trap Switch Commands](#)

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](#)
- [Ruckus ZD Event Objects](#)
- [AP and Client Event MIB Group](#)
- [ZD Event Trap Switch Commands](#)

ZoneDirector Event MIB Group

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

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

ruckusZDEventSSIDSpooftTrap

Name	ruckusZDEventSSIDSpooftTrap
OID	1.3.6.1.4.1.25053.2.2.1.2
Severity	Major
Status	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.

ruckusZDEventMACSpooftTrap

Name	ruckusZDEventMACSpooftTrap
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

Name	ruckusZDEventRogueAPTrap
OID	1.3.6.1.4.1.25053.2.2.1.4
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

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

Name	ruckusZDEventAPLostHeartbeatTrap
OID	1.3.6.1.4.1.25053.2.2.1.6
Severity	Medium
Status	Current
Objects	ruckusZDEventSerial ruckusZDEventNEID 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

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

Name	ruckusZDEventAPResetTrap
OID	1.3.6.1.4.1.25053.2.2.1.8
Severity	Medium
Status	current
Objects	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent

ruckusZDEventAPMacAddr

Description Trigger when AP reboots.
 The AP's MAC address is enclosed.

Recommended Actions

 None.

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

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
Description	Trigger when system performs cold start.
Recommended Actions	None.

ruckusZDEventAPChannelChangeTrap

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

ruckusZDEventRadiusAuthUnavailableTrap

Name	ruckusZDEventRadiusAuthUnavailableTrap
OID	1.3.6.1.4.1.25053.2.2.1.12
Severity	Major
Status	current
<i>Objects</i>	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

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

Name	ruckusZDEventClientJoinFailAPBusyTrap
------	---------------------------------------

OID	1.3.6.1.4.1.25053.2.2.1.14
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when client fails to join because AP is busy.
Recommended Actions	None.

ruckusZDEventInterferenceADHoc

Name	ruckusZDEventInterferenceADHoc
OID	1.3.6.1.4.1.25053.2.2.1.15
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when an interference AD hoc is detected.
Recommended Actions	Locate the origin of the ad hoc network and disconnect it.

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 Trigger when AP image upgrade fails.

Recommended Actions

Delete the AP from ZoneDirector, factory reset the AP, then let it rejoin and attempt upgrade again.

ruckusZDEventHeartbeatTrap

Name ruckusZDEventHeartbeatTrap

OID 1.3.6.1.4.1.25053.2.2.1.22

Severity Medium

Status current

Objects ruckusZDEventSerial
ruckusZDEventNEID
ruckusZDEventSeverity
ruckusZDEventType
ruckusZDEventTime
ruckusZDEventStatus
ruckusZDEventTitle
ruckusZDEventContent

Description Trigger with trap heartbeat sent.

Recommended Actions

None.

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

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
Description Trigger when system performs warm start.
Recommended Actions
None.

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

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

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

ruckusZDEventAPSSIDChangedTrap

Name	ruckusZDEventAPSSIDChangedTrap
OID	1.3.6.1.4.1.25053.2.2.1.33
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial

	ruckusZDEventNEID
	ruckusZDEventSeverity
	ruckusZDEventType
	ruckusZDEventTime
	ruckusZDEventStatus
	ruckusZDEventTitle
	ruckusZDEventContent
Description	Trigger when an AP SSID changed.
Recommended Actions	None.

ruckusZDEventAPClientExceedValve

Name	ruckusZDEventAPClientExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.34
Severity	Medium
Status	current
<i>Objects</i>	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

Name	ruckusZDEventAPAvailableStatusTrap
OID	1.3.6.1.4.1.25053.2.2.1.35

Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when AP is available.
Recommended Actions	None.

ruckusZDEventAPWirelessInterfaceFaultTrap

Name	ruckusZDEventAPWirelessInterfaceFaultTrap
OID	1.3.6.1.4.1.25053.2.2.1.36
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when AP wireless interface fault occurs.
Recommended Actions	Reboot the AP.

ruckusZDEventSystemCpuUtilExceedValve

Name	ruckusZDEventSystemCpuUtilExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.37
Severity	Medium
Status	current
<i>Objects</i>	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

Name	ruckusZDEventSystemMemUtilExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.38
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle

	ruckusZDEventContent
Description	Trigger when system memory utilization exceeds specified value.
Recommended Actions	Identify the source of high memory utilization (clear log files, disable debugging processes, disable Real Time Monitoring, etc.).

ruckusZDEventSystemBandwidthUtilExceedValve

Name	ruckusZDEventSystemBandwidthUtilExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.39
Severity	Medium
Status	current
<i>Objects</i>	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

Name	ruckusZDEventSystemDropPacketRateExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.40
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial

	ruckusZDEventNEID
	ruckusZDEventSeverity
	ruckusZDEventType
	ruckusZDEventTime
	ruckusZDEventStatus
	ruckusZDEventTitle
	ruckusZDEventContent
Description	Trigger when system drop packet rate exceeds specified value.
Recommended Actions	None.

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

Name	ruckusZDEventSystemCpuUtilClrWarn
OID	1.3.6.1.4.1.25053.2.2.1.42

Severit	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when system CPU utilization is under the specified value.
Recommended Actions	None.

ruckusZDEventSystemMemUtilClrwarn

Name	ruckusZDEventSystemMemUtilClrwarn
OID	1.3.6.1.4.1.25053.2.2.1.43
Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent
Description	Trigger when system memory utilization is under the specified value.
Recommended Actions	None.

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

Name	ruckusZDEventClientJoinFailed
OID	1.3.6.1.4.1.25053.2.2.1.61
Severity	Medium
Status	current
Objects	ruckusZDEventSerial ruckusZDEventNEID 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

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

Name ruckusZDEventClientDisconnect

OID 1.3.6.1.4.1.25053.2.2.1.63

Severity Medium

Status current

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

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

Name	ruckusZDEventClientRoamIn
OID	1.3.6.1.4.1.25053.2.2.1.65
Status	current
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

Name	ruckusZDEventClientAuthFailed
OID	1.3.6.1.4.1.25053.2.2.1.66
Severity	Medium
Status	current
<i>Objects</i>	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

Name	ruckusZDEventClientAuthorizationFailed
OID	1.3.6.1.4.1.25053.2.2.1.67
Severity	Medium
Status	current
<i>Objects</i>	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

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

ruckusZDEventAPMEMvalve

Name	ruckusZDEventAPMEMvalve
OID	1.3.6.1.4.1.25053.2.2.1.84

Severity	Medium
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent ruckusZDEventAPMacAddr
Description	Triggered when AP memory utilization exceeds value.
Recommended Actions	None

ruckusZDEventAPCPUvalveClrwarn

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

ruckusZDEventAPMEMvalveClrwarn

Name	ruckusZDEventAPMEMvalveClrwarn
OID	1.3.6.1.4.1.25053.2.2.1.86
Severity	Minor
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent ruckusZDEventAPMacAddr
Description	Trigger when AP CPU memory is under the value.
Recommended Actions	None

ruckusZDEventAPNumStaExceedValveClrwarn

Name	ruckusZDEventAPNumStaExceedValveClrwarn
OID	1.3.6.1.4.1.25053.2.2.1.87
Severity	Minor
Status	current
<i>Objects</i>	ruckusZDEventSerial ruckusZDEventNEID ruckusZDEventSeverity ruckusZDEventType ruckusZDEventTime ruckusZDEventStatus ruckusZDEventTitle ruckusZDEventContent

ruckusZDEventAPMacAddr
Description Trigger when online client warning is cleared.
Recommended Actions
None

ruckusZDEventDhcpPoolFull

Name ruckusZDEventDhcpPoolFull
OID 1.3.6.1.4.1.25053.2.2.1.88
Severity Medium
Status current
Objects ruckusZDEventSerial
ruckusZDEventNEID
ruckusZDEventSeverity
ruckusZDEventType
ruckusZDEventTime
ruckusZDEventStatus
ruckusZDEventTitle
ruckusZDEventContent
Description Trigger when DHCP pool is full.
Recommended Actions
None

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

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

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

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

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

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.
Recommended Actions
None

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

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

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

Name ruckusZDEventLBSZDLSConnectionDown
OID 1.3.6.1.4.1.25053.2.2.1.123
Severity Medium

Status current
Objects ruckusZDEventIPAddr
Description [LBS] Connection between ZD and LS server down
Recommended Actions
None

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

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

Name	ruckusZDEventSerial
OID	1.3.6.1.4.1.25053.2.2.2.1
Syntax	OCTET STRING
Status	current
Max Access	accessible-for-notify
Description	Trap serial number.

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

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

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

Name	ruckusZDEventTime
OID	1.3.6.1.4.1.25053.2.2.2.5
Syntax	OCTET STRING
Status	current
Max Access	accessible-for-notify
Description	Time when trap occurred.

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

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

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

Name	ruckusZDEventClientMacAddr
OID	1.3.6.1.4.1.25053.2.2.2.15
Syntax	OCTET STRING
Status	current
Max Access	accessible-for-notify
Description	The client's MAC address.

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

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

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

Name	ruckusZDEventChannel
OID	1.3.6.1.4.1.25053.2.2.2.25
Syntax	Unsigned32
Status	current
Max Access	accessible-for-notify
Description	Channel.

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

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](#)
- [AP/Client Event Objects](#)

AP/Client Event Traps

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.
Recommended Action	None

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

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

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

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

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

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

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

ruckusZDEventSSIDSpooftTrapSwitchCmd

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

ruckusZDEventMACSpooftTrapSwitchCmd

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

ruckusZDEventRogueAPTrapSwitchCmd

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

ruckusZDEventAPLostTrapSwitchCmd

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

ruckusZDEventAPLostHeartbeatTrapSwitchCmd

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

ruckusZDEventClientAuthFailBlockTrapSwitchCmd

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

ruckusZDEventAPResetSwitchCmd

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

ruckusZDEventIPChangeSwitchCmd

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

ruckusZDEventSystemColdStartTrapSwitchCmd

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

ruckusZDEventAPChannelChangeTrapSwitchCmd

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

ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd

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

ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd

Name	ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 13
Syntax	INTEGER {enable(1), disable(0)}
Status	current
MAX-ACCESS	read-write

DESCRIPTION trap switch command.

ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd

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

ruckusZDEventInterferenceADHocTrapSwitchCmd

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

ruckusZDEventImageUpgradeFailTrapSwitchCmd

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

ruckusZDEventHeartbeatTrapSwitchCmd

Name ruckusZDEventHeartbeatTrapSwitchCmd
OID ruckusZDEventTrapSwitchCmd 22
Syntax INTEGER {enable(1), disable(0)}
Status current
MAX-ACCESS read-write

DESCRIPTION trap switch command.

ruckusZDEventAttackedTrapSwitchCmd

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

ruckusZDEventSystemWarmStartTrapSwitchCmd

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

ruckusZDEventInterfereAPTrapSwitchCmd

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

ruckusZDEventAPSystemColdStartTrapSwitchCmd

Name ruckusZDEventAPSystemColdStartTrapSwitchCmd
OID ruckusZDEventTrapSwitchCmd 31
Syntax INTEGER {enable(1), disable(0)}
Status current
MAX-ACCESS read-write

DESCRIPTION trap switch command.

ruckusZDEventAPSystemWarmStartTrapSwitchCmd

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

ruckusZDEventAPSSIDChangedTrapSwitchCmd

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

ruckusZDEventAPClientExceedValveTrapSwitchCmd

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

ruckusZDEventAPAvailableStatusTrapSwitchCmd

Name ruckusZDEventAPAvailableStatusTrapSwitchCmd
OID ruckusZDEventTrapSwitchCmd 35
Syntax INTEGER {enable(1), disable(0)}
Status current
MAX-ACCESS read-write

DESCRIPTION trap switch command.

ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd

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

ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd

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

ruckusZDEventAPSyncTimeFailTrapSwitchCmd

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

ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd

Name	ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 42
Syntax	INTEGER {enable(1), disable(0)}

Status current
MAX-ACCESS read-write
DESCRIPTION trap switch command.

ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd

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

ruckusZDEventClientJoinTrapSwitchCmd

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

ruckusZDEventClientJoinFailedTrapSwitchCmd

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

ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd

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

ruckusZDEventClientDisconnectTrapSwitchCmd

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

ruckusZDEventClientRoamOutTrapSwitchCmd

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

ruckusZDEventClientRoamInTrapSwitchCmd

Name	ruckusZDEventClientRoamInTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 65
Syntax	INTEGER {enable(1), disable(0)}

Status current
MAX-ACCESS read-write
DESCRIPTION trap switch command.

ruckusZDEventClientAuthFailedTrapSwitchCmd

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

ruckusZDEventClientAuthorizationFailedTrapSwitchCmd

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

ruckusZDEventAPCPUvalveTrapSwitchCmd

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

ruckusZDEventAPMEMvalveTrapSwitchCmd

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

ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd

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

ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd

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

ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd

Name	ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 87

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

ruckusZDEventDhcpPoolFullTrapSwitchCmd

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

ruckusZDEventDhcpPoolAbunTrapSwitchCmd

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

ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd

Name	ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 100
Syntax	INTEGER {enable(1), disable(0)}
Status	current
MAX-ACCESS	read-write

DESCRIPTION trap switch command.

ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd

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

ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd

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

ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd

Name ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd
OID ruckusZDEventTrapSwitchCmd 103
Syntax INTEGER {enable(1), disable(0)}
Status current

MAX-ACCESS read-write
DESCRIPTION trap switch command.

ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd

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

ruckusZDEventLBSAdminEnabledTrapSwitchCmd

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

ruckusZDEventLBSAdminDisabledTrapSwitchCmd

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

ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD

Name	ruckusZDEventLBSZDLSCONNECTIONUPTRAPSWITCHCMD
OID	ruckusZDEventTrapSwitchCmd 122
Syntax	INTEGER {enable(1), disable(0)}
Status	current
MAX-ACCESS	read-write
DESCRIPTION	trap switch command.

ruckusZDEventLBSZDLSCONNECTIONDOWNTRAPSWITCHCMD

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

ruckusZDEventLBSRECEIVECMDFOOTFALLTRAPSWITCHCMD

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

ruckusZDEventLBSReceiveCMDCalibrationTrapSwitchCmd

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

ruckusZDEventALLEventTrapSwitchCmd

Name	ruckusZDEventALLEventTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 200
Syntax	INTEGER {enable(1), disable(0), hybrid(3)}
Status	current
MAX-ACCESS	read-write
DESCRIPTION	All trap switch commands. 'Hybrid' is only for read. For write, when enabled, all traps will be enabled, when disabled, all traps will be disabled; for read, when all traps are 'enable', the value is 'enable', when all traps are 'disabled', the value is 'disable', otherwise, the value is 'hybrid'.

ZoneDirector System MIBs

2

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- [System Info MIBs](#)
- [Expanded System Info MIBs](#)
- [System IP Table MIBs](#)
- [System Services 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 3](#) lists the node names, OIDs and descriptions of each object in the System Info MIB tree.

Table 3. 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 4 lists the node names, OIDs and descriptions of each object in the Expanded System Info MIB tree.

Table 4. Expanded System Info MIB Tree

MIB Tree	Node Name	OID	Description
ruckusZDSys- tem ExpInfo	ruckusZDSys- temNEId	1.3.6.1.4.1.25053.1.2.1.1.1.5.50	NE ID
	ruckusZDSys- temManufacturer	1.3.6.1.4.1.25053.1.2.1.1.1.5.51	Manufacturer
	ruckusZDSys- temSoftwareName	1.3.6.1.4.1.25053.1.2.1.1.1.5.52	Software name
	ruckusZDSys- temCPUUtil	1.3.6.1.4.1.25053.1.2.1.1.1.5.58	CPU utilization
	ruckusZDSys- temMemoryUtil	1.3.6.1.4.1.25053.1.2.1.1.1.5.59	Memory utilization
	ruckusZDSys- temMemorySize	1.3.6.1.4.1.25053.1.2.1.1.1.5.60	Memory size
	ruckusZDSys- temFlashFreeSize	1.3.6.1.4.1.25053.1.2.1.1.1.5.65	Flash free size
	ruckusZDSys- temMgmtVlanID	1.3.6.1.4.1.25053.1.2.1.1.1.5.67	Management VLAN ID
	ruckusZDSys- temCPUModel	1.3.6.1.4.1.25053.1.2.1.1.1.5.70	CPU model
	ruckusZDSys- temtCPUSpeed	1.3.6.1.4.1.25053.1.2.1.1.1.5.71	CPU speed
	ruckusZDSys- temtFlashModel	1.3.6.1.4.1.25053.1.2.1.1.1.5.72	Flash model
	ruckusZDSys- temtMemModel	1.3.6.1.4.1.25053.1.2.1.1.1.5.73	Memory model
	ruckusZDSys- temStartTime	1.3.6.1.4.1.25053.1.2.1.1.1.5.74	System startup time
	ruckusZDSys- temCurrentTime	1.3.6.1.4.1.25053.1.2.1.1.1.5.80	System current time
	ruckusZDSys- temAPFirmwareServer	1.3.6.1.4.1.25053.1.2.1.1.1.5.81	AP firmware download server
	ruckusZDSys- temAPConfigServer	1.3.6.1.4.1.25053.1.2.1.1.1.5.82	AP configuration server
	ruckusZDSys- temIDSAllowedESSID	1.3.6.1.4.1.25053.1.2.1.1.1.5.85	Allowed ESSIDs
	ruckusZDSys- temIDSAllowBSSID	1.3.6.1.4.1.25053.1.2.1.1.1.5.86	Allowed BSSIDs
ruckusZDSys- temIDSAllowOUI	1.3.6.1.4.1.25053.1.2.1.1.1.5.87	Allowed OUIs	

Table 4. Expanded System Info MIB Tree

MIB Tree	Node Name	OID	Description
	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
	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 5 lists the node names, OIDs and descriptions of each object in the System IP Table MIB tree.

Table 5. 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 ipv6 address prefix length if the ruckusZDSystemIPV6AddrModel 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 ruckusZDSystemIPV6AddrModel 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.

Table 5. System IP Table MIB tree

MIB Tree	Node Name	OID	Description
	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 6 lists the node names, OIDs and descriptions of each object in the System Services (ruckusZDSystemServices) MIB tree.

Table 6. System Services MIB tree

MIB Tree	Node Name	OID	Description
ruckusZDSystem Time	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
ruckusZDSystem SMTP	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

Table 6. System Services MIB tree

MIB Tree	Node Name	OID	Description
	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
ruckusZDSystem SysLog	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
ruckusZDSystem FlexMaster	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
ruckusZDSystem Stp	ruckusZDSystemStpStatus	1.3.6.1.4.1.25053.1.2.1.1.1.12.12.1	STP status
ruckusZDSystem SNMPTrapInfo	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
ruckusZDSystem SNMPV2TrapSvrTable	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

Table 6. System Services MIB tree

MIB Tree	Node Name	OID	Description
ruckusZDSystem SNMPV3TrapSvr Table	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
	ruckusZDSystemSNMPV3TrapPrivacyKey	1.3.6.1.4.1.25053.1.2.1.1.1.12.15.3.36.1.16	SNMPv3 trap privacy key
ruckusZDSystem SNMPV2Table	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
ruckusZDSystem SNMPV3Table	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

Table 6. System Services MIB tree

MIB Tree	Node Name	OID	Description
	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 7](#) lists the node names, OIDs and descriptions of each object in the System Load Balancing Info MIB tree.

Table 7. 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

Table 7. System Load Balancing Info MIB tree

MIB Tree	Node Name	OID	Description
	ruckusZDSystemLoadBalanceAdjacent24GThreshold	1.3.6.1.4.1.25053.1.2.1.1.1.12.20.3	Load balancing user threshold 2.4 GHz
	ruckusZDSystemLoadBalanceAdjacent5GThreshold	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 8 lists the MIBs in the ruckusZDSystemStats MIB tree.

Table 8. 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.
	ruckusZDSystemStatsWLANTotalRxPackets	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.

Table 8. System statistics MIBs

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDSystemStatsWLANTotalRxErrorFrm	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.

Table 8. System statistics MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDSystemStatsWLANTotalTxDroppedPkt	1.3.6.1.4.1.25053.1.2.1.1.1.15.19	Total number of dropped downlink packets.
	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 9 lists the MIBs in the ruckusZDEthInfo MIB tree.

Table 9. Ethernet Info MIBs

MIB Tree	Node Name	OID	Description
ruckusZDEthInfo	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.

Table 9. Ethernet Info MIBs

MIB Tree	Node Name	OID	Description
	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	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 0	Ethernet device transmitted broadcast packets number.
	ruckusZDEthTxMcastPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 1	Ethernet device transmitted multicast packets number.
	ruckusZDEthRxBcastPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 2	Ethernet device received broadcast packets number.
	ruckusZDEthRxMcastPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 3	Ethernet device received multilcast packets number.

Table 9. Ethernet Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDEthTxUniPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 4	Ethernet device transmitted unicast packets number.
	ruckusZDEthRxUniPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 5	Ethernet device received unicast packets number.
	ruckusZDEthTxPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 6	Ethernet device transmitted packets number.
	ruckusZDEthRxPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 7	Ethernet device received packets number.
	ruckusZDEthDropTxPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 8	Ethernet device transmitted drop packets number.
	ruckusZDEthDropRxPkts	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.1 9	Ethernet device received drop packets number.
	ruckusZDEthTxBytes	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.2 0	Ethernet device transmitted bytes number.
	ruckusZDEthRxBytes	1.3.6.1.4.1.25053.1.2.1.1.1.18.2.1.2 1	Ethernet device received bytes number.

Ruckus Product MIBs

3

In this chapter:

- [Ruckus Product MIBs Overview](#)
- [Ruckus Wireless Router Product MIBs](#)
- [Ruckus Wireless Adapter Product MIBs](#)
- [Ruckus Wireless Metro Product MIBs](#)
- [Ruckus Wireless Hotzone Product MIBs](#)
- [Ruckus Controller Product MIBs](#)

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

[Table 10](#) lists the node names, OIDs and descriptions of each object in the ruckusWirelessRouterProducts MIB tree.

Table 10. 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

[Table 11](#) lists the node names, OIDs and descriptions of each object in the ruckusWirelessAdapterProducts MIB tree.

Table 11. 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

Table 12 lists the node names, OIDs and descriptions of each object in the ruckusWirelessMetroProducts MIB tree.

Table 12. 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

Table 13 lists the node names, OIDs and descriptions of each object in the ruckusWirelessHotzoneProducts MIB tree.

Table 13. 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
ruckusZF7761CM	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 13. Ruckus Wireless Hotzone Products MIBs

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.

Table 13. Ruckus Wireless Hotzone Products MIBs

MIB Tree	Node Name	OID	Description
	ruckusZF7761CMHeartbeatMonitorC M	1.3.6.1.4.1.25053.3.1.4.7.7	Enable/disable Cable Modem heartbeat monitoring.
	ruckusZF7761CMHeartbeatMonitorA P	1.3.6.1.4.1.25053.3.1.4.7.8	Enable/disable Access Point heartbeat monitoring.
	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

Table 13. Ruckus Wireless Hotzone Products MIBs

MIB Tree	Node Name	OID	Description
	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
	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

Table 13. Ruckus Wireless Hotzone Products MIBs

MIB Tree	Node Name	OID	Description
	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
	ruckusC110	1.3.6.1.4.1.25053.3.1.4.95	C110
	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
	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.

Table 13. Ruckus Wireless Hotzone Products MIBs

MIB Tree	Node Name	OID	Description
	ruckusC110TelnetService	1.3.6.1.4.1.25053.3.1.4.95.1.2	Enable/disable Telnet service.
	ruckusC110SSHSservice	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.

Ruckus Controller Product MIBs

Table 14 lists the node names, OIDs and descriptions of each object in the ruckusWirelessControllerProducts MIB tree.

Table 14. Ruckus Wireless Metro Products MIBs

MIB Tree	Node Name	OID	Description
ruckusWirelessC ontrollerProducts	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
	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	

Table 14. Ruckus Wireless Metro Products MIBs

MIB Tree	Node Name	OID	Description
	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
	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

4

In this chapter:

- [ZoneDirector WLAN MIBs Overview](#)
- [WLAN Info MIBs](#)
- [WLAN AP Info MIBs](#)
- [WLAN AP Radio Stats MIBs](#)
- [WLAN VAP Table MIBs](#)
- [WLAN Interface Table MIBs](#)
- [WLAN AP Ethernet Status Table MIBs](#)
- [WLAN Station Info MIBs](#)
- [WLAN Rogue Info MIBs](#)

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 15](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANInfo MIB tree.

Table 15. WLAN Info MIBs

MIB Tree	Node Name	OID	Description
ruckusZDWLANInfo	ruckusZDWLANSSID	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.1	SSID.
	ruckusZDWLANDescription	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.2 1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.3	WLAN Description.
	ruckusZDWLANAuthentication	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.3	Authentication method.
	ruckusZDWLANEncryption	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.4	Encryption method.
	ruckusZDWLANIsGuest	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.5	This WLAN is for guest access.
	ruckusZDWLANSSIDBcastDisable	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.6	Hide SSID.
	ruckusZDWLANVlanID	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.7	Specifies the VLAN ID of the WLAN. If VLAN ID is 1, packets from this WLAN will be untagged.

Table 15. WLAN Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANRateLimitingUp	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.8	Rate limiting of uplink.
	ruckusZDWLANRateLimitingDown	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.9	Rate limiting of downlink.
	ruckusZDWLAN TunnelWLAN	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.10	Tunnel WLAN.
	ruckusZDWLAN NumVAP	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.11	Number of APs.
	ruckusZDWLAN NumSta	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.12	Number of client devices.
	ruckusZDWLAN RxPkts	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.13	Received packets.
	ruckusZDWLAN RxBytes	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.14	Received bytes.
	ruckusZDWLAN TxPkts	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.15	Transmitted packets.
	ruckusZDWLAN TxBytes	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.16	Transmitted bytes.
	ruckusZDWLAN AssocNumSta	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.20	Number of associated client devices, includes authorized and unauthorized.
	ruckusZDWLAN AuthTotal	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.26	Accumulated total number of attempt to authenticate by wireless terminals on this WLAN, or Authentication request.
	ruckusZDWLAN AuthResp	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.27	Authentication response.

Table 15. WLAN Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANAuthSuccess	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.28	Accumulated total number of success out of Wireless authentication attempts.
	ruckusZDWLANAuthFail	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.29	Authentication fail.
	ruckusZDWLANAssocTotal	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.30	Accumulated total number of access of wireless terminal on this WLAN, or Association request.
	ruckusZDWLANAssocResp	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.31	Association response.
	ruckusZDWLANReassocReq	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.32	Reassociation request.
	ruckusZDWLANReassocResp	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.33	Reassociation response.
	ruckusZDWLANAssocSuccess	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.34	Association success.
	ruckusZDWLANAssocFail	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.3	Association fail.
	ruckusZDWLANAssocDenied	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.36	Association denied.
	ruckusZDWLANDiassocAbnormal	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.37	Disassociation request due to abnormal causes.
	ruckusZDWLANDiassocCapacity	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.38	Disassociation request due to device capacity.
	ruckusZDWLANDiassocLeave	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.39	Disassociation request due to client leave.

Table 15. WLAN Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANDiassocMisc	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.40	Disassociation request due to other reasons.
	ruckusZDWLANRxByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.41	Received rate byte/s in last 5 minutes.
	ruckusZDWLANTxByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.42	Transmitted rate byte/s in last 5 minutes.
	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.

Table 15. WLAN Info MIBs

MIB Tree	Node Name	OID	Description
	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	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.10 8	WLAN NAME.

WLAN AP Info MIBs

Use the ZoneDirector WLAN AP Info MIBs to view WLAN AP settings information.

[Table 16](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPInfo MIB tree.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
ruckusZDWLAN APTable	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.
	ruckusZDWLANAPUptime	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.6	Up time.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
	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	Bytestransmitted on LAN port.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
	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.
	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.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDWLANAPLANStatsRXPKTBcast	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.
	ruckusZDWLANAPLANStatsTXPKTBcast	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.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANAPMeshUpPortCntU pdown	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.
	ruckusZDWLANAPMeshDownPortCn tUpdown	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.
	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	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.10 0	Netmask address.
	ruckusZDWLANAPGateway	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.10 1	Gateway address.
	ruckusZDWLANAPIpv4DNSSvr1	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.10 5	Primary DNS address.
	ruckusZDWLANAPIpv4DNSSvr2	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.10 6	Second DNS address.
	ruckusZDWLANAPTTotalUser	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.11 0	Total number of client AP can support.

Table 16. WLAN AP Info MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANAPLANStatsRXByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.11 1	Bytes rate received on LAN port each 90s.
	ruckusZDWLANAPLANStatsTXByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.11 2	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 17](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPRadioStatsTable MIB tree.

Table 17. 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 1.1	AP MAC address.
	ruckusZDWLANAPRadioStatsRadioIndex	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.2 1.2	Radio index of the AP.
	ruckusZDWLANAPRadioStatsRadioType	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.3 1.3	Radio type.
	ruckusZDWLANAPRadioStatsChannel	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.4 1.4	Radio channel.
	ruckusZDWLANAPRadioStatsTxPower	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.5 1.5	Transmit power of radio.
	ruckusZDWLANAPRadioStatsMeshEnable	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.6 1.6	Mesh enable.

Table 17. ZD WLAN AP Radio Stats Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDWLANAPRadioStatsRxPackets	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.
	ruckusZDWLANAPRadioStatsTxPackets	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.13	Transmitted packets.
	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.
	ruckusZDWLANAPRadioStatsMaxStations	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.

Table 17. ZD WLAN AP Radio Stats Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDWLANAPRadioStatsDisassocAbnormal	1.3.6.1.4.1.25053.1.2.2.1.1.2.2.1.36	Disassociation request due to abnormal causes.

Table 17. ZD WLAN AP Radio Stats Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	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.
	ruckusZDWLANAPRadioStatsFragmentThreshold	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 18](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANVapTable MIB tree.

Table 18. 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.

Table 18. ZD WLAN VAP Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	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 19](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANIfTable MIB tree.

Table 19. 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.

Table 19. WLAN Interface Table MIBs

MIB Tree	Node Name	OID	Description
	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.

Table 19. WLAN Interface Table MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANAPIflnUcastPkts	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.
	ruckusZDWLANAPIflnNUcastPkts	1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.12	The total number of multicast and broadcast packets received on the interface.
	ruckusZDWLANAPIflnDiscards	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 .
	ruckusZDWLANAPIflnErrors	1.3.6.1.4.1.25053.1.2.2.1.1.2.4.1.14	The number of inbound packets that contained errors.
	ruckusZDWLANAPIflnUnknownProtos	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.

Table 19. WLAN Interface Table MIBs

MIB Tree	Node Name	OID	Description
	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 20](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANAPEthStatusTable MIB tree.

Table 20. 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.

Table 20. ZD WLAN AP Ethernet Status Table MIBs

MIB Tree	Node Name	OID	Description
	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 21](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANStaInfo MIB tree.

Table 21. 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	The station's MAC Address.
	ruckusZDWLANStaAPMacAddr	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.2	The MAC address of the associated AP.
	ruckusZDWLANStaBSSID	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.3	BSSID of WLAN.
	ruckusZDWLANStaSSID	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.4	SSID.
	ruckusZDWLANStaUser	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.5	Logged username of the client.
	ruckusZDWLANStaRadioType	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.6	Radio type.
	ruckusZDWLANStaChannel	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.7	Radio channel.
	ruckusZDWLANStaIPAddr	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.8	IP address.

Table 21. ZD WLAN Station Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	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.

Table 21. ZD WLAN Station Table MIBs

MIB Tree	Node Name	OID	Description
	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.

Table 21. ZD WLAN Station Table MIBs

MIB Tree	Node Name	OID	Description
	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.
	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 21](#) lists the node names, OIDs and descriptions of each object in the ruckusZDWLANRogueInfo MIB tree.

Table 22. 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	Rogue device's MAC Address.
	ruckusZDWLANRogueSSID	1.3.6.1.4.1.25053.1.2.2.1.1.4.1.2	SSID.
	ruckusZDWLANRogueRadioType	1.3.6.1.4.1.25053.1.2.2.1.1.4.1.3	Radio type.
	ruckusZDWLANRogueChannel	1.3.6.1.4.1.25053.1.2.2.1.1.4.1.4	Radio channel.
	ruckusZDWLANRogueRSSI	1.3.6.1.4.1.25053.1.2.2.1.1.4.1.5	RSSI.

Table 22. ZD WLAN Rogue Info MIBs

MIB Tree	Node Name	OID	Description
	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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In this chapter:

- [ZoneDirector WLAN Configuration MIBs Overview](#)
- [WLAN Configuration MIBs](#)

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. [Table 23](#) lists the node names, OIDs and descriptions of each object in the WLAN Configuration MIB tree.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
ruckusZDWLAN ConfigTable (SNMPv3 only)	ruckusZDWLANID	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.1	this Wireless LAN (WLAN) ID. 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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANConfigWLANService Type	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.
	ruckusZDWLANConfigWEPKeyIndex	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.15	Select the WEP key index for the WEP encryption.
	ruckusZDWLANConfigWEPKey	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.16	Enter the Passphrase for the WEP encryption method.Only 10 or 26 Hex character.such as: 1122334455.
	ruckusZDWLANConfigWPACipherType	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.20	Enter the encryption cipher method for the WPA encryption.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANConfigWPAKey	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.21	Enter the Passphrase 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	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.25	Select the Authentication Server by the registered Server ID.This server id must exist in table: ruckusZDAAACo nfigTable(aaa- authentication) or local.
	ruckusZDWLANConfigWirelessClient Isolation	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.28	Set Wireless Client Isolation. Clients will be unable to communicate with each other or access restricted subnets.
	ruckusZDWLANConfigWirelessWhite ListID	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.29	Make sure client isolation is enabled and then choose one id.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANConfigZeroITActivation	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.30	Enable the Zero IT Activation Service of the Wireless LAN or not.
	ruckusZDWLANConfigWLANHotspotID	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.31	Select the Hotspot Server for the Wireless LAN.
	ruckusZDWLANConfigWLANServicePriority	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.32	Select the QOS service priority for the Wireless LAN.
	ruckusZDWLANConfigAccountingServerID	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.35	Select the (RADIUS) Accounting Server by the registered Server ID. 0,disable;This server ID must exist in table: ruckusZDAAACo nfigTable (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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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~20.00 mbps 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~20.00 mbps 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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDWLANConfigDynamicVLAN	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.46	Enable the Service of the dynamicWireless LAN or not.For 802.1x EAP + MAC Address model,'set' is not supported.
	ruckusZDWLANConfigHideSSID	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.1.50	Hide SSID; do not broadcast SSID.
	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.
	ruckusZDWLANConfigMaxClientsPer AP	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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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.
ruckusZDWLAN GroupConfigTable (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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDWLANGroupCfgAttrWLANTag	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,, range is 0-4094. 1: If VLAN ID is 1, packets from this WLAN will be untagged; 0: for node ruckusZDWLANGroupCfgAttrOverrideType is nochange

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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 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.

Table 23. WLAN Configuration MIBs

MIB Tree	Node Name	OID	Description
	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	1.3.6.1.4.1.25053.1.2.2.2.1.1.16.1.1 0	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 a existing table.

ZoneDirector AAA Configuration MIBs

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In this chapter:

- [ZoneDirector AAA Configuration MIBs Overview](#)

ZoneDirector AAA Configuration MIBs Overview

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

[Table 24](#) lists the node names, OIDs and descriptions of each object in the AAA Configuration MIB tree.

Table 24. ZoneDirector AAA server configuration MIB Tree

MIB Tree	Node Name	OID	Description
ruckusZDAAACo nfigTable	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).

Table 24. ZoneDirector AAA server configuration MIB Tree

MIB Tree	Node Name	OID	Description
	ruckusZDAAAConfigRowStatus	1.3.6.1.4.1.25053.1.2.2.3.1.1.1.10	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.
ruckusZDAAASvr Table	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.
	ruckusZDAAARadiusPrimarySvrPassword	1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.12	The Password entered for this RADIUS Server.
	ruckusZDAAARadiusSecondarySvrIpAddress	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.

Table 24. ZoneDirector AAA server configuration MIB Tree

MIB Tree	Node Name	OID	Description
	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.
	ruckusZDAAAARadiusSecondarySvrPassword	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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In this chapter:

- [ZoneDirector AP Configuration MIBs Overview](#)
- [AP Configuration MIBs](#)

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 25](#) lists the node names, OIDs and descriptions of each object in the AP Configuration MIB tree.

Table 25. 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'.

Table 25. AP Configuration MIBs

MIB Tree	Node Name	OID	Description
	ruckusZDAPConfigGpsLongitude	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.11	The AP GPS location measured. the range is '-180,180'.
	ruckusZDAPConfigIPVersion	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.14	The AP IP version.
	ruckusZDAPConfigIpAddressSetting Mode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.15	"The AP IP address configuration setting control.
	ruckusZDAPConfigIpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.16	The AP IP address.
	ruckusZDAPConfigIpAddressMask	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.17	The AP IP address mask.
	ruckusZDAPConfigGatewayIpAddresses	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.20	The AP Gateway IP Address.
	ruckusZDAPConfigIpV6AddressSettingMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.21	"The AP IPV6 address configuration setting control.
	ruckusZDAPConfigIpV6Address	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.22	The AP IPV6 address.
	ruckusZDAPConfigIpV6PrefixLen	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.23	The AP IPV6 prefix length.
	ruckusZDAPConfigGatewayIpV6Address	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.24	The AP Gateway IPV6 Address.
	ruckusZDAPConfigPrimaryDnsIpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.25	The AP Primary DNS IP Address.
	ruckusZDAPConfigSecondaryDnsIpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.26	The AP Secondary DNS IP Address.
	ruckusZDAPConfigPrimaryDnsIpV6Address	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.27	The AP Primary DNS IPV6 Address.

Table 25. AP Configuration MIBs

MIB Tree	Node Name	OID	Description
	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.

Table 25. AP Configuration MIBs

MIB Tree	Node Name	OID	Description
	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.
	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 26 lists the node names, OIDs and descriptions of each object in the AP LBS Info MIB tree.

Table 26. 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

8

In this chapter:

- [MIB Changes in 10.0](#)
- [ZoneDirector SNMP MIB Changes](#)

MIB Changes in 10.0

The following tables list the node name and OID changes in version 10.0. For a list of changes between version 9.13.1 and earlier versions, see the *ZoneDirector 9.13.1 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 9.13.1 and 10.0.

ZD Products MIB Changes

[Table 27](#) lists the changes in the RUCKUS-ZD-PRODUCTS-MIB.txt file in this version.

Table 27. ZoneDirector Products MIB changes in this version

MIB Tree	OID	Node Name	Change
ruckusWirelessHotzoneProducts	1.3.6.1.4.1.25053.3.1.4.93	ruckusH320	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95	ruckusC110	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.99	ruckusT610S	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.100	ruckusR610	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.101	ruckusT610	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.102	ruckusR720	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.3	ruckusC110ControlLED	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.4	ruckusC110WanIPAddr	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1	ruckusC110Customization	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1.1	ruckusC110HTTPService	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1.2	ruckusC110TelnetService	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1.3	ruckusC110SSHService	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1.4	ruckusC110Username	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.1.5	ruckusC110Password	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.9	ruckusC110CpeAgingOutTimer	New in 10.0

Table 27. ZoneDirector Products MIB changes in this version

MIB Tree	OID	Node Name	Change
ruckusZDEventAPJoinTrapSwitchCmd	1.3.6.1.4.1.25053.3.1.4.95.9	ruckusC110WanIPv6Addr	New in 10.0
	1.3.6.1.4.1.25053.3.1.4.95.9	ruckusC110WanIPv6Addr	New in 10.0
	ruckusZDEventTrapSwitchCmd	ruckusZDEventTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 1	ruckusZDEventAPJoinTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 2	ruckusZDEventSSIDSpooftTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 3	ruckusZDEventMACSpooftTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 4	ruckusZDEventRogueAPTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 5	ruckusZDEventAPLostTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 6	ruckusZDEventAPLostHeartbeatTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 7	ruckusZDEventClientAuthFailBlockTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 8	ruckusZDEventAPResetTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 9	ruckusZDEventIPChangeTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 10	ruckusZDEventSystemColdStartTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 11	ruckusZDEventAPChannelChangeTrapSwitchCmd	New in 10.0
ruckusZDEventTrapSwitchCmd 12	ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd	New in 10.0	
ruckusZDEventTrapSwitchCmd 13	ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd	New in 10.0	
ruckusZDEventTrapSwitchCmd 14	ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd	New in 10.0	

Table 27. ZoneDirector Products MIB changes in this version

MIB Tree	OID	Node Name	Change
	ruckusZDEventTrapSwitchCmd 15	ruckusZDEventInterferenceADHocTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 16	ruckusZDEventImageUpgradeFailTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 22	ruckusZDEventHeartbeatTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 24	ruckusZDEventAttackedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 25	ruckusZDEventSystemWarmStartTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 26	ruckusZDEventInterfereAPTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 31	ruckusZDEventAPSystemColdStartTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 32	ruckusZDEventAPSystemWarmStartTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 33	ruckusZDEventAPSSIDChangedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 34	ruckusZDEventAPClientExceedValueTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 35	ruckusZDEventAPAvailableStatusTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 36	ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 37	ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 38	ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 39	ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 40	ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd	New in 10.0

Table 27. ZoneDirector Products MIB changes in this version

MIB Tree	OID	Node Name	Change
	ruckusZDEventTrapSwitchCmd 41	ruckusZDEventAPSyncTimeFailTra pSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 42	ruckusZDEventSystemCpuUtilClr WarnTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 43	ruckusZDEventSystemMemUtilClr warnTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 60	ruckusZDEventClientJoinTrapSwit chCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 61	ruckusZDEventClientJoinFailedTra pSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 62	ruckusZDEventClientJoinFailedAP BusyTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 63	ruckusZDEventClientDisconnectTr apSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 64	ruckusZDEventClientRoamOutTra pSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 65	ruckusZDEventClientRoamInTrapS witchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 66	ruckusZDEventClientAuthFailedTra pSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 67	ruckusZDEventClientAuthorization FailedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 83	ruckusZDEventAPCPUvalveTrapS witchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 84	ruckusZDEventAPMEMvalveTrapS witchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 85	ruckusZDEventAPCPUvalveClrwar nTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 86	ruckusZDEventAPMEMvalveClrwa rnTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 87	ruckusZDEventAPNumStaExceed ValveClrwarnTrapSwitchCmd	New in 10.0

Table 27. ZoneDirector Products MIB changes in this version

MIB Tree	OID	Node Name	Change
	ruckusZDEventTrapSwitchCmd 88	ruckusZDEventDhcpPoolFullTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 89	ruckusZDEventDhcpPoolAbunTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 100	ruckusZDEventSmartRedundancyChangeToActiveTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 101	ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 102	ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 103	ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 104	ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 120	ruckusZDEventLBSAdminEnabledTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 121	ruckusZDEventLBSAdminDisabledTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 122	ruckusZDEventLBSZDLSConnexionUpTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 123	ruckusZDEventLBSZDLSConnexionDownTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 124	ruckusZDEventLBSReceiveCMDFoolfallTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 125	ruckusZDEventLBSReceiveCMDCalibrationTrapSwitchCmd	New in 10.0
	ruckusZDEventTrapSwitchCmd 200	ruckusZDEventALLEventTrapSwitchCmd	New in 10.0



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350 West Java Dr. Sunnyvale, CA 94089. USA
www.ruckuswireless.com