MIB REFERENCE GUIDE

Ruckus ZoneDirector 10.2 SNMP Reference Guide

Supporting ZoneDirector 10.2

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Contents

Preface **9**
- Document Conventions 9
  - Notes, Cautions, and Warnings 9
- Command Syntax Conventions 10
- Document Feedback 10
- Ruckus Product Documentation Resources 10
- Online Training Resources 11
- Contacting Ruckus Customer Services and Support 11
  - What Support Do I Need? 11
  - Open a Case 11
  - Self-Service Resources 11

About This Guide **13**
- Introduction 13
- Related Documentation 13

Events and Traps **15**
- Event MIBs Overview 15
- ZoneDirector Event MIB Group 15
  - ruckusZDEventAPJoinTrap 15
  - ruckusZDEventSSIDSpoofTrap 16
  - ruckusZDEventMACSpoofTrap 16
  - ruckusZDEventRogueAPTrap 16
  - ruckusZDEventAPLostTrap 17
  - ruckusZDEventAPLostHeartbeatTrap 17
  - ruckusZDEventClientAuthFailBlockTrap 18
  - ruckusZDEventAPResetTrap 18
  - ruckusZDEventIPChangeTrap 19
  - ruckusZDEventSystemColdStartTrap 19
  - ruckusZDEventAPChannelChangeTrap 20
  - ruckusZDEventRadiusAuthUnavailableTrap 20
  - ruckusZDEventRadiusAcctUnavailableTrap 21
  - ruckusZDEventClientJoinFailAPBusyTrap 21
  - ruckusZDEventInterferenceADHoc 21
  - ruckusZDEventImageUpgradeFailTrap 22
  - ruckusZDEventHeartbeatTrap 22
  - ruckusZDEventAttackedTrap 23
  - ruckusZDEventSystemWarmStartTrap 23
  - ruckusZDEventInterfereAPTrap 24
  - ruckusZDEventAPSystemColdStartTrap 24
  - ruckusZDEventAPSystemWarmStartTrap 25
  - ruckusZDEventAPSSIDChangedTrap 25
  - ruckusZDEventAPClientExceedValve 25
  - ruckusZDEventAPAvailableStatusTrap 26
  - ruckusZDEventAPWirelessInterfaceFaultTrap 26
  - ruckusZDEventSystemCpuUtilExceedValve 27
  - ruckusZDEventSystemMemUtilExceedValve 27

ruckusZDEventSystemBandwidthUtilExceedValve 28
ruckusZDEventSystemDropPacketRateExceedValve 28
ruckusZDEventAPSyncTimeFail 29
ruckusZDEventSystemCpuUtilClrWarn 29
ruckusZDEventSystemMemUtilClrwarn 29
ruckusZDEventClientJoin 30
ruckusZDEventClientJoinFailed 30
ruckusZDEventClientJoinFailedAPBusy 31
ruckusZDEventClientDisconnect 31
ruckusZDEventClientRoamOut 32
ruckusZDEventClientRoamIn 32
ruckusZDEventClientAuthFailed 33
ruckusZDEventClientAuthorizationFailed 34
ruckusZDEventAPCPUvalve 34
ruckusZDEventAPMEMvalve 35
ruckusZDEventAPCPUvalveClrwarn 35
ruckusZDEventAPMEMvalveClrwarn 35
ruckusZDEventAPNumStaExceedValveClrwarn 36
ruckusZDEventDhcpPoolFull 36
ruckusZDEventDhcpPoolAbun 37
ruckusZDEventSmartRedundancyChangetoActive 37
ruckusZDEventSmartRedundancyActiveConnected 38
ruckusZDEventSmartRedundancyActiveDisconnected 38
ruckusZDEventSmartRedundancyStandbyConnected 38
ruckusZDEventSmartRedundancyStandbyDisconnected 38
ruckusZDEventLBSAdminEnabled 39
ruckusZDEventLBSAdminDisabled 39
ruckusZDEventLBSZDLSConnectionUp 39
ruckusZDEventLBSZDLSConnectionDown 39
ruckusZDEventLBSReceiveCMDFootfall 40
ruckusZDEventLBSReceiveCMDCalibration 40
Ruckus ZD Event Objects 40
ruckusZDEventSerial 40
ruckusZDEventNEID 41
ruckusZDEventSeverity 41
ruckusZDEventType 41
ruckusZDEventTime 41
ruckusZDEventStatus 42
ruckusZDEventTitle 42
ruckusZDEventContent 42
ruckusZDEventClientMacAddr 42
ruckusZDEventAPMacAddr 43
ruckusZDEventRogueMacAddr 43
ruckusZDEventSSID 43
ruckusZDEventChannel 43
ruckusZDEventReason 44
ruckusZDEventIpAddr 44
AP and Client Event MIB Group 44
AP/Client Event Traps 44
AP/Client Event Objects 46

ZD Event Trap Switch Commands 46
ruckusZDEventAPJoinTrapSwitchCmd 47
ruckusZDEventSSIDSpoofTrapSwitchCmd 47
ruckusZDEventMACSpoofTrapSwitchCmd 47
ruckusZDEventRogueAPTrapSwitchCmd 47
ruckusZDEventAPLostTrapSwitchCmd 48
ruckusZDEventAPLostTrapSwitchCmd 48
ruckusZDEventAPLostHeartbeatTrapSwitchCmd 48
ruckusZDEventClientAuthFailBlockTrapSwitchCmd 48
ruckusZDEventAPResetTrapSwitchCmd 49
ruckusZDEventIPChangeSwitchCmd 49
ruckusZDEventSystemColdStartTrapSwitchCmd 49
ruckusZDEventAPChannelChangeTrapSwitchCmd 49
ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd 50
ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd 50
ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd 50
ruckusZDEventInterferenceAdHocTrapSwitchCmd 50
ruckusZDEventImageUpgradeFailTrapSwitchCmd 51
ruckusZDEventHeartbeatTrapSwitchCmd 51
ruckusZDEventAttackedTrapSwitchCmd 51
ruckusZDEventSystemWarmStartTrapSwitchCmd 51
ruckusZDEventInterfereAPTrapSwitchCmd 52
ruckusZDEventAPSystemColdStartTrapSwitchCmd 52
ruckusZDEventAPSystemWarmStartTrapSwitchCmd 52
ruckusZDEventAPSSIDChangedTrapSwitchCmd 52
ruckusZDEventAPClientExceedValveTrapSwitchCmd 53
ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd 53
ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd 53
ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd 53
ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd 54
ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd 54
ruckusZDEventAPSyncTimeFailTrapSwitchCmd 54
ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd 54
ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd 55
ruckusZDEventClientJoinTrapSwitchCmd 55
ruckusZDEventClientJoinFailedTrapSwitchCmd 55
ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd 55
ruckusZDEventClientDisconnectTrapSwitchCmd 56
ruckusZDEventClientRoamOutTrapSwitchCmd 56
ruckusZDEventClientRoamInTrapSwitchCmd 56
ruckusZDEventClientAuthFailedTrapSwitchCmd 56
ruckusZDEventClientAuthorizationFailedTrapSwitchC 57
ruckusZDEventAPCPUvalveTrapSwitchCmd 57
ruckusZDEventAPMEMvalveTrapSwitchCmd 57
ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd 57
ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd 58
ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd 58
ruckusZDEventDhcpPoolFullTrapSwitchCmd 58
ruckusZDEventDhcpPoolAbunTrapSwitchCmd 58
ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd 59

ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd....59
ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd....59
ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd....59
ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd....60
ruckusZDEventLBSAdminEnabledTrapSwitchCmd....60
ruckusZDEventLBSAdminDisabledTrapSwitchCmd....60
ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd....60
ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd....61
ruckusZDEventLBSReceiveCMDFootfallTrapSwitchCmd....61
ruckusZDEventLBSReceiveCMDCalibrationTrapSwitchCmd....61
ruckusZDEventALLEventTrapSwitchCmd....61

ZoneDirector System MIBs....63
ZoneDirector System MIBs Overview....63
System Info MIBs....63
Expanded System Info MIBs....63
System IP Table MIBs....65
System Services MIBs....65
System Load Balancing Info MIBs....67
System Statistics MIBs....68
ZD Ethernet Info MIBs....69

Ruckus Product MIBs....71
Ruckus Product MIBs Overview....71
Ruckus Wireless Router Product MIBs....71
Ruckus Wireless Adapter Product MIBs....71
Ruckus Wireless Metro Product MIBs....71
Ruckus Wireless Hotzone Product MIBs....72
Ruckus Controller Product MIBs....77

ZoneDirector WLAN MIBs....81
ZoneDirector WLAN MIBs Overview....81
WLAN Info MIBs....81
WLAN AP Info MIBs....83
WLAN AP Radio Stats MIBs....86
WLAN VAP Table MIBs....88
WLAN Interface Table MIBs....89
WLAN AP Ethernet Status Table MIBs....90
WLAN Station Info MIBs....91
WLAN Rogue Info MIBs....93

ZoneDirector WLAN Configuration MIBs....95
ZoneDirector WLAN Configuration MIBs Overview....95
WLAN Configuration MIBs....95

ZoneDirector AAA Configuration MIBs....101
ZoneDirector AAA Configuration MIBs Overview....101

ZoneDirector AP Configuration MIBs....103
ZoneDirector AP Configuration MIBs Overview....103
AP Configuration MIBs....103
AP LBS Info MIBs....105

Appendix - Changes in This Version....107

MIB Changes in 10.2 107
ZoneDirector SNMP MIB Changes 107
ZD Products MIB Changes 107
ZD WLAN Info MIB Changes 108

Preface

- Document Conventions 9
- Command Syntax Conventions 10
- Document Feedback 10
- Ruckus Product Documentation Resources 10
- Online Training Resources 11
- Contacting Ruckus Customer Services and Support 11

Document Conventions

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

TABLE 1 Text Conventions

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

Notes, Cautions, and Warnings

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

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

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



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



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

Command Syntax Conventions

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

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

Document Feedback

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

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

When contacting us, include the following information:

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

For example:

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

Ruckus Product Documentation Resources

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

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

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

Online Training Resources

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

Contacting Ruckus Customer Services and Support

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

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

What Support Do I Need?

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

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

Open a Case

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

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

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

Self-Service Resources

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

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

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

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

About This Guide

- Introduction..... 13
- Related Documentation..... 13

Introduction

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

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

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

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

Related Documentation

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

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

Events and Traps

- Event MIBs Overview....15
- ZoneDirector Event MIB Group....15
- Ruckus ZD Event Objects....40
- AP and Client Event MIB Group....44
- ZD Event Trap Switch Commands....46

Event MIBs Overview

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

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

- ZoneDirector Event MIB Group on page 15
- Ruckus ZD Event Objects on page 40
- AP and Client Event MIB Group on page 44
- ZD Event Trap Switch Commands on page 46

ZoneDirector Event MIB Group

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

ruckusZDEventAPJoinTrap

TABLE 2 ruckusZDEventAPJoinTrap

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

ruckusZDEventSSIDSpoofTrap

TABLE 3 ruckusZDEventSSIDSpoofTrap

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

ruckusZDEventMACSpoofTrap

TABLE 4 ruckusZDEventMACSpoofTrap

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

ruckusZDEventRogueAPTrap

TABLE 5 ruckusZDEventRogueAPTrap

Name	ruckusZDEventRogueAPTrap
OID	1.3.6.1.4.1.25053.2.2.1.4

TABLE 5 ruckusZDEventRogueAPTrap (continued)

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

ruckusZDEventAPLostTrap

TABLE 6 ruckusZDEventAPLostTrap

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

ruckusZDEventAPLostHeartbeatTrap

TABLE 7 ruckusZDEventAPLostHeartbeatTrap

Name	ruckusZDEventAPLostHeartbeatTrap
OID	1.3.6.1.4.1.25053.2.2.1.6
Severity	Medium
Status	Current
Objects	ruckusZDEventSerial
	ruckusZDEventNEID

TABLE 7 ruckusZDEventAPLostHeartbeatTrap (continued)

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

ruckusZDEventClientAuthFailBlockTrap

TABLE 8 ruckusZDEventClientAuthFailBlockTrap

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

ruckusZDEventAPResetTrap

TABLE 9 ruckusZDEventAPResetTrap

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

TABLE 9 ruckusZDEventAPResetTrap (continued)

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

ruckusZDEventIPChangeTrap

TABLE 10 ruckusZDEventIPChangeTrap

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

ruckusZDEventSystemColdStartTrap

TABLE 11 ruckusZDEventSystemColdStartTrap

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

TABLE 11 ruckusZDEventSystemColdStartTrap (continued)

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

ruckusZDEventAPChannelChangeTrap

TABLE 12 ruckusZDEventAPChannelChangeTrap

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

ruckusZDEventRadiusAuthUnavailableTrap

TABLE 13 ruckusZDEventRadiusAuthUnavailableTrap

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

ruckusZDEventRadiusAcctUnavailableTrap

TABLE 14 ruckusZDEventRadiusAcctUnavailableTrap

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

ruckusZDEventClientJoinFailAPBusyTrap

TABLE 15 ruckusZDEventClientJoinFailAPBusyTrap

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

ruckusZDEventInterferenceADHoc

TABLE 16 ruckusZDEventInterferenceADHoc

Name	ruckusZDEventInterferenceADHoc
OID	1.3.6.1.4.1.25053.2.2.1.15
Severity	Medium
Status	current

TABLE 16 ruckusZDEventInterferenceADHoc (continued)

Name	ruckusZDEventInterferenceADHoc
Objects	ruckusZDEventSerial
	ruckusZDEventNEID
	ruckusZDEventSeverity
	ruckusZDEventType
	ruckusZDEventTime
	ruckusZDEventStatus
	ruckusZDEventTitle
	ruckusZDEventContent
Description	Trigger when an interference AD hoc is detected.
Recommended Actions	Locate the origin of the ad hoc network and disconnect it.

ruckusZDEventImageUpgradeFailTrap

TABLE 17 ruckusZDEventImageUpgradeFailTrap

Name	ruckusZDEventImageUpgradeFailTrap
OID	1.3.6.1.4.1.25053.2.2.1.16
Severity	Medium
Status	current
Objects	ruckusZDEventSerial
	ruckusZDEventNEID
	ruckusZDEventSeverity
	ruckusZDEventType
	ruckusZDEventTime
	ruckusZDEventStatus
	ruckusZDEventTitle
	ruckusZDEventContent
Description	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

TABLE 18 ruckusZDEventHeartbeatTrap

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

TABLE 18 ruckusZDEventHeartbeatTrap (continued)

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

ruckusZDEventAttackedTrap

TABLE 19 ruckusZDEventAttackedTrap

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

ruckusZDEventSystemWarmStartTrap

TABLE 20 ruckusZDEventSystemWarmStartTrap

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

TABLE 20 ruckusZDEventSystemWarmStartTrap (continued)

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

ruckusZDEventInterfereAPTrap

TABLE 21 ruckusZDEventInterfereAPTrap

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

ruckusZDEventAPSystemColdStartTrap

TABLE 22 ruckusZDEventAPSystemColdStartTrap

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

ruckusZDEventAPSystemWarmStartTrap

TABLE 23 ruckusZDEventAPSystemWarmStartTrap

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

ruckusZDEventAPSSIDChangedTrap

TABLE 24 ruckusZDEventAPSSIDChangedTrap

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

ruckusZDEventAPClientExceedValve

TABLE 25 ruckusZDEventAPClientExceedValve

Name	ruckusZDEventAPClientExceedValve
OID	1.3.6.1.4.1.25053.2.2.1.34
Severity	Medium
Status	current

TABLE 25 ruckusZDEventAPClientExceedValve (continued)

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

ruckusZDEventAPAvailableStatusTrap

TABLE 26 ruckusZDEventAPAvailableStatusTrap

Name	ruckusZDEventAPAvailableStatusTrap
OID	1.3.6.1.4.1.25053.2.2.1.35
Severity	Medium
Status	current
Objects	ruckusZDEventSerial
	ruckusZDEventNEID
	ruckusZDEventSeverity
	ruckusZDEventType
	ruckusZDEventTime
	ruckusZDEventStatus
	ruckusZDEventTitle
	ruckusZDEventContent
Description	Trigger when AP is available.
Recommended Actions	None.

ruckusZDEventAPWirelessInterfaceFaultTrap

TABLE 27 ruckusZDEventAPWirelessInterfaceFaultTrap

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

TABLE 27 ruckusZDEventAPWirelessInterfaceFaultTrap (continued)

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

ruckusZDEventSystemCpuUtilExceedValve

TABLE 28 ruckusZDEventSystemCpuUtilExceedValve

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

ruckusZDEventSystemMemUtilExceedValve

TABLE 29 ruckusZDEventSystemMemUtilExceedValve

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

TABLE 29 ruckusZDEventSystemMemUtilExceedValve (continued)

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

ruckusZDEventSystemBandwidthUtilExceedValve

TABLE 30 ruckusZDEventSystemBandwidthUtilExceedValve

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

ruckusZDEventSystemDropPacketRateExceedValve

TABLE 31 ruckusZDEventSystemDropPacketRateExceedValve

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

ruckusZDEventAPSyncTimeFail

TABLE 32 ruckusZDEventAPSyncTimeFail

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

ruckusZDEventSystemCpuUtilClrWarn

TABLE 33 ruckusZDEventSystemCpuUtilClrWarn

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

ruckusZDEventSystemMemUtilClrwarn

TABLE 34 ruckusZDEventSystemMemUtilClrwarn

Name	ruckusZDEventSystemMemUtilClrwarn
OID	1.3.6.1.4.1.25053.2.2.1.43
Severity	Medium
Status	current

TABLE 34 ruckusZDEventSystemMemUtilClrwarn (continued)

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

ruckusZDEventClientJoin

TABLE 35 ruckusZDEventClientJoin

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

ruckusZDEventClientJoinFailed

TABLE 36 ruckusZDEventClientJoinFailed

Name	ruckusZDEventClientJoinFailed
OID	1.3.6.1.4.1.25053.2.2.1.61
Severity	Medium
Status	current
Objects	ruckusZDEventSerial
	ruckusZDEventNEID

TABLE 36 ruckusZDEventClientJoinFailed (continued)

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

ruckusZDEventClientJoinFailedAPBusy

TABLE 37 ruckusZDEventClientJoinFailedAPBusy

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

ruckusZDEventClientDisconnect

TABLE 38 ruckusZDEventClientDisconnect

Name	ruckusZDEventClientDisconnect
OID	1.3.6.1.4.1.25053.2.2.1.63
Severity	Medium
Status	current

TABLE 38 ruckusZDEventClientDisconnect (continued)

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

ruckusZDEventClientRoamOut

TABLE 39 ruckusZDEventClientRoamOut

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

ruckusZDEventClientRoamIn

TABLE 40 ruckusZDEventClientRoamIn

Name	ruckusZDEventClientRoamIn
OID	1.3.6.1.4.1.25053.2.2.1.65
Status	current

TABLE 40 ruckusZDEventClientRoamIn (continued)

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

ruckusZDEventClientAuthFailed

TABLE 41 ruckusZDEventClientAuthFailed

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

ruckusZDEventClientAuthorizationFailed

TABLE 42 ruckusZDEventClientAuthorizationFailed

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

ruckusZDEventAPCPUvalve

TABLE 43 ruckusZDEventAPCPUvalve

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

ruckusZDEventAPMEMvalve

TABLE 44 ruckusZDEventAPMEMvalve

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

ruckusZDEventAPCPUvalveClrwarn

TABLE 45 ruckusZDEventAPCPUvalveClrwarn

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

ruckusZDEventAPMEMvalveClrwarn

TABLE 46 ruckusZDEventAPMEMvalveClrwarn

Name	ruckusZDEventAPMEMvalveClrwarn
OID	1.3.6.1.4.1.25053.2.2.1.86

TABLE 46 ruckusZDEventAPMEMvalveClrwarn (continued)

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

ruckusZDEventAPNumStaExceedValveClrwarn

TABLE 47 ruckusZDEventAPNumStaExceedValveClrwarn

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

ruckusZDEventDhcpPoolFull

TABLE 48 ruckusZDEventDhcpPoolFull

Name	ruckusZDEventDhcpPoolFull
OID	1.3.6.1.4.1.25053.2.2.1.88
Severity	Medium
Status	current
Objects	ruckusZDEventSerial

TABLE 48 ruckusZDEventDhcpPoolFull (continued)

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

ruckusZDEventDhcpPoolAbun

TABLE 49 ruckusZDEventDhcpPoolAbun

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

ruckusZDEventSmartRedundancyChangetoActive

TABLE 50 ruckusZDEventSmartRedundancyChangetoActive

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

ruckusZDEventSmartRedundancyActiveConnected

TABLE 51 ruckusZDEventSmartRedundancyActiveConnected

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

ruckusZDEventSmartRedundancyActiveDisconnected

TABLE 52 ruckusZDEventSmartRedundancyActiveDisconnected

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

ruckusZDEventSmartRedundancyStandbyConnected

TABLE 53 ruckusZDEventSmartRedundancyStandbyConnected

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

ruckusZDEventSmartRedundancyStandbyDisconnected

TABLE 54 ruckusZDEventSmartRedundancyStandbyDisconnected

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

TABLE 54 ruckusZDEventSmartRedundancyStandbyDisconnected (continued)

Name	ruckusZDEventSmartRedundancyStandbyDisconnected
Recommended Actions	None

ruckusZDEventLBSAdminEnabled

TABLE 55 ruckusZDEventLBSAdminEnabled

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

ruckusZDEventLBSAdminDisabled

TABLE 56 ruckusZDEventLBSAdminDisabled

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

ruckusZDEventLBSZDLSConnectionUp

TABLE 57 ruckusZDEventLBSZDLSConnectionUp

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

ruckusZDEventLBSZDLSConnectionDown

TABLE 58 ruckusZDEventLBSZDLSConnectionDown

Name	ruckusZDEventLBSZDLSConnectionDown
OID	1.3.6.1.4.1.25053.2.2.1.123

TABLE 58 ruckusZDEventLBSZDLSConnectionDown (continued)

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

ruckusZDEventLBSReceiveCMDFootfall

TABLE 59 ruckusZDEventLBSReceiveCMDFootfall

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

ruckusZDEventLBSReceiveCMDCalibration

TABLE 60 ruckusZDEventLBSReceiveCMDCalibration

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

Ruckus ZD Event Objects

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

ruckusZDEventSerial

TABLE 61 ruckusZDEventSerial

Name	ruckusZDEventSerial
OID	1.3.6.1.4.1.25053.2.2.2.1
Syntax	OCTET STRING
Status	current

TABLE 61 ruckusZDEventSerial (continued)

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

ruckusZDEventNEID

TABLE 62 ruckusZDEventNEID

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

ruckusZDEventSeverity

TABLE 63 ruckusZDEventSeverity

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

ruckusZDEventType

TABLE 64 ruckusZDEventType

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

ruckusZDEventTime

TABLE 65 ruckusZDEventTime

Name	ruckusZDEventTime
OID	1.3.6.1.4.1.25053.2.2.2.5
Syntax	OCTET STRING
Status	current

TABLE 65 ruckusZDEventTime (continued)

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

ruckusZDEventStatus

TABLE 66 ruckusZDEventStatus

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

ruckusZDEventTitle

TABLE 67 ruckusZDEventTitle

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

ruckusZDEventContent

TABLE 68 ruckusZDEventContent

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

ruckusZDEventClientMacAddr

TABLE 69 ruckusZDEventClientMacAddr

Name	ruckusZDEventClientMacAddr
OID	1.3.6.1.4.1.25053.2.2.2.15
Syntax	OCTET STRING
Status	current

TABLE 69 ruckusZDEventClientMacAddr (continued)

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

ruckusZDEventAPMacAddr

TABLE 70 ruckusZDEventAPMacAddr

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

ruckusZDEventRogueMacAddr

TABLE 71 ruckusZDEventRogueMacAddr

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

ruckusZDEventSSID

TABLE 72 ruckusZDEventSSID

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

ruckusZDEventChannel

TABLE 73 ruckusZDEventChannel

Name	ruckusZDEventChannel
OID	1.3.6.1.4.1.25053.2.2.2.25
Syntax	Unsigned32
Status	current

TABLE 73 ruckusZDEventChannel (continued)

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

ruckusZDEventReason

TABLE 74 ruckusZDEventReason

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

ruckusZDEventIpAddr

TABLE 75 ruckusZDEventIpAddr

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

AP and Client Event MIB Group

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

- AP/Client Event Traps on page 44
- AP/Client Event Objects on page 46

AP/Client Event Traps

ruckusEventAssocTrap

TABLE 76 ruckusEventAssocTrap

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

TABLE 76 ruckusEventAssocTrap (continued)

Name	ruckusEventAssocTrap
Recommended Action	None

ruckusEventDiassocTrap

TABLE 77 ruckusEventDiassocTrap

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

ruckusEventSetErrorTrap

TABLE 78 ruckusEventSetErrorTrap

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

ruckusEventConnectTrap

TABLE 79 ruckusEventConnectTrap

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

ruckusEventDisconnectTrap

TABLE 80 ruckusEventDisconnectTrap

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

AP/Client Event Objects

ruckusEventClientMacAddr

TABLE 81 ruckusEventClientMacAddr

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

ruckusEventSetErrorOID

TABLE 82 ruckusEventSetErrorOID

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

ZD Event Trap Switch Commands

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

ruckusZDEventAPJoinTrapSwitchCmd

TABLE 83 ruckusZDEventAPJoinTrapSwitchCmd

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

ruckusZDEventSSIDSpoofTrapSwitchCmd

TABLE 84 ruckusZDEventSSIDSpoofTrapSwitchCmd

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

ruckusZDEventMACSpoofTrapSwitchCmd

TABLE 85 ruckusZDEventMACSpoofTrapSwitchCmd

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

ruckusZDEventRogueAPTrapSwitchCmd

TABLE 86 ruckusZDEventRogueAPTrapSwitchCmd

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

ruckusZDEventAPLostTrapSwitchCmd

TABLE 87 ruckusZDEventAPLostTrapSwitchCmd

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

ruckusZDEventAPLostTrapSwitchCmd

TABLE 88 ruckusZDEventAPLostTrapSwitchCmd

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

ruckusZDEventAPLostHeartbeatTrapSwitchCmd

TABLE 89 ruckusZDEventAPLostHeartbeatTrapSwitchCmd

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

ruckusZDEventClientAuthFailBlockTrapSwitchCmd

TABLE 90 ruckusZDEventClientAuthFailBlockTrapSwitchCmd

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

ruckusZDEventAPResetTrapSwitchCmd

TABLE 91 ruckusZDEventAPResetTrapSwitchCmd

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

ruckusZDEventIPChangeSwitchCmd

TABLE 92 ruckusZDEventIPChangeSwitchCmd

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

ruckusZDEventSystemColdStartTrapSwitchCmd

TABLE 93 ruckusZDEventSystemColdStartTrapSwitchCmd

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

ruckusZDEventAPChannelChangeTrapSwitchCmd

TABLE 94 ruckusZDEventAPChannelChangeTrapSwitchCmd

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

ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd

TABLE 95 ruckusZDEventRadiusAuthUnavailableTrapSwitchCmd

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

ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd

TABLE 96 ruckusZDEventRadiusAcctUnavailableTrapSwitchCmd

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

ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd

TABLE 97 ruckusZDEventClientJoinFailAPBusyTrapSwitchCmd

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

ruckusZDEventInterferenceAdHocTrapSwitchCmd

TABLE 98 ruckusZDEventInterferenceAdHocTrapSwitchCmd

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

ruckusZDEventImageUpgradeFailTrapSwitchCmd

TABLE 99 ruckusZDEventImageUpgradeFailTrapSwitchCmd

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

ruckusZDEventHeartbeatTrapSwitchCmd

TABLE 100 ruckusZDEventHeartbeatTrapSwitchCmd

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

ruckusZDEventAttackedTrapSwitchCmd

TABLE 101 ruckusZDEventAttackedTrapSwitchCmd

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

ruckusZDEventSystemWarmStartTrapSwitchCmd

TABLE 102 ruckusZDEventSystemWarmStartTrapSwitchCmd

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

ruckusZDEventInterfereAPTrapSwitchCmd

TABLE 103 ruckusZDEventInterfereAPTrapSwitchCmd

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

ruckusZDEventAPSystemColdStartTrapSwitchCmd

TABLE 104 ruckusZDEventAPSystemColdStartTrapSwitchCmd

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

ruckusZDEventAPSystemWarmStartTrapSwitchCmd

TABLE 105 ruckusZDEventAPSystemWarmStartTrapSwitchCmd

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

ruckusZDEventAPSSIDChangedTrapSwitchCmd

TABLE 106 ruckusZDEventAPSSIDChangedTrapSwitchCmd

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

ruckusZDEventAPClientExceedValveTrapSwitchCmd

TABLE 107 ruckusZDEventAPClientExceedValveTrapSwitchCmd

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

ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd

TABLE 108 ruckusZDEventAPWirelessInterfaceFaultTrapSwitchCmd

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

ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd

TABLE 109 ruckusZDEventSystemCpuUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd

TABLE 110 ruckusZDEventSystemMemUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd

TABLE 111 ruckusZDEventSystemBandwidthUtilExceedValveTrapSwitchCmd

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

ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd

TABLE 112 ruckusZDEventSystemDropPacketRateExceedValveTrapSwitchCmd

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

ruckusZDEventAPSyncTimeFailTrapSwitchCmd

TABLE 113 ruckusZDEventAPSyncTimeFailTrapSwitchCmd

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

ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd

TABLE 114 ruckusZDEventSystemCpuUtilClrWarnTrapSwitchCmd

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

ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd

TABLE 115 ruckusZDEventSystemMemUtilClrwarnTrapSwitchCmd

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

ruckusZDEventClientJoinTrapSwitchCmd

TABLE 116 ruckusZDEventClientJoinTrapSwitchCmd

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

ruckusZDEventClientJoinFailedTrapSwitchCmd

TABLE 117 ruckusZDEventClientJoinFailedTrapSwitchCmd

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

ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd

TABLE 118 ruckusZDEventClientJoinFailedAPBusyTrapSwitchCmd

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

ruckusZDEventClientDisconnectTrapSwitchCmd

TABLE 119 ruckusZDEventClientDisconnectTrapSwitchCmd

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

ruckusZDEventClientRoamOutTrapSwitchCmd

TABLE 120 ruckusZDEventClientRoamOutTrapSwitchCmd

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

ruckusZDEventClientRoamInTrapSwitchCmd

TABLE 121 ruckusZDEventClientRoamInTrapSwitchCmd

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

ruckusZDEventClientAuthFailedTrapSwitchCmd

TABLE 122 ruckusZDEventClientAuthFailedTrapSwitchCmd

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

ruckusZDEventClientAuthorizationFailedTrapSwitchC

TABLE 123 ruckusZDEventClientAuthorizationFailedTrapSwitchC

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

ruckusZDEventAPCPUvalveTrapSwitchCmd

TABLE 124 ruckusZDEventAPCPUvalveTrapSwitchCmd

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

ruckusZDEventAPMEMvalveTrapSwitchCmd

TABLE 125 ruckusZDEventAPMEMvalveTrapSwitchCmd

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

ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd

TABLE 126 ruckusZDEventAPCPUvalveClrwarnTrapSwitchCmd

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

ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd

TABLE 127 ruckusZDEventAPMEMvalveClrwarnTrapSwitchCmd

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

ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd

TABLE 128 ruckusZDEventAPNumStaExceedValveClrwarnTrapSwitchCmd

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

ruckusZDEventDhcpPoolFullTrapSwitchCmd

TABLE 129 ruckusZDEventDhcpPoolFullTrapSwitchCmd

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

ruckusZDEventDhcpPoolAbunTrapSwitchCmd

TABLE 130 ruckusZDEventDhcpPoolAbunTrapSwitchCmd

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

ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd

TABLE 131 ruckusZDEventSmartRedundancyChangetoActiveTrapSwitchCmd

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

ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd

TABLE 132 ruckusZDEventSmartRedundancyActiveConnectedTrapSwitchCmd

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

ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd

TABLE 133 ruckusZDEventSmartRedundancyActiveDisconnectedTrapSwitchCmd

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

ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd

TABLE 134 ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd

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

TABLE 134 ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd (continued)

Name	ruckusZDEventSmartRedundancyStandbyConnectedTrapSwitchCmd
Description	trap switch command.

ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd

TABLE 135 ruckusZDEventSmartRedundancyStandbyDisconnectedTrapSwitchCmd

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

ruckusZDEventLBSAdminEnabledTrapSwitchCmd

TABLE 136 ruckusZDEventLBSAdminEnabledTrapSwitchCmd

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

ruckusZDEventLBSAdminDisabledTrapSwitchCmd

TABLE 137 ruckusZDEventLBSAdminDisabledTrapSwitchCmd

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

ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd

TABLE 138 ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd

Name	ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 122

TABLE 138 ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd (continued)

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

ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd

TABLE 139 ruckusZDEventLBSZDLSConnectionUpTrapSwitchCmd

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

ruckusZDEventLBSReceiveCMDFootfallTrapSwitchCmd

TABLE 140 ruckusZDEventLBSReceiveCMDFootfallTrapSwitchCmd

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

ruckusZDEventLBSReceiveCMDCalibrationTrapSwitchCmd

TABLE 141 ruckusZDEventLBSReceiveCMDCalibrationTrapSwitchCmd

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

ruckusZDEventALLEventTrapSwitchCmd

TABLE 142 ruckusZDEventALLEventTrapSwitchCmd

Name	ruckusZDEventALLEventTrapSwitchCmd
OID	ruckusZDEventTrapSwitchCmd 200

TABLE 142 ruckusZDEventALLEventTrapSwitchCmd (continued)

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

ZoneDirector System MIBs

- ZoneDirector System MIBs Overview....63
- System Info MIBs....63
- Expanded System Info MIBs....63
- System IP Table MIBs....65
- System Services MIBs....65
- System Load Balancing Info MIBs....67
- System Statistics MIBs....68
- ZD Ethernet Info MIBs....69

ZoneDirector System MIBs Overview

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

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

System Info MIBs

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

TABLE 143 ZoneDirector System MIBs - System Info MIB tree

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

Expanded System Info MIBs

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

TABLE 144 Expanded System Info MIB Tree

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

TABLE 144 Expanded System Info MIB Tree (continued)

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

System IP Table MIBs

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

TABLE 145 System IP Table MIB tree

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

System Services MIBs

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

TABLE 146 System Services MIB tree

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

TABLE 146 System Services MIB tree (continued)

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

System Load Balancing Info MIBs

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

TABLE 147 System Load Balancing Info MIB tree

MIB Tree	Node Name	OID	Description
ruckusZDSystemLoadBalanceInfo	ruckusZDSystemLoadBalance24GStatus	1.3.6.1.4.1.25053.1.2.1.1.1.12.20.1	Load balancing status 2.4 GHz
	ruckusZDSystemLoadBalance5GStatus	1.3.6.1.4.1.25053.1.2.1.1.1.12.20.2	Load balancing status 5 GHz
	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 148 lists the MIBs in the ruckusZDSystemStats MIB tree.

TABLE 148 System statistics MIBs

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

TABLE 148 System statistics MIBs (continued)

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

ZD Ethernet Info MIBs

Table 149 lists the MIBs in the ruckusZDEthInfo MIB tree.

TABLE 149 Ethernet Info MIBs

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

TABLE 149 Ethernet Info MIBs (continued)

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

Ruckus Product MIBs

- Ruckus Product MIBs Overview....71
- Ruckus Wireless Router Product MIBs....71
- Ruckus Wireless Adapter Product MIBs....71
- Ruckus Wireless Metro Product MIBs....71
- Ruckus Wireless Hotzone Product MIBs....72
- Ruckus Controller Product MIBs....77

Ruckus Product MIBs Overview

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

Ruckus Wireless Router Product MIBs

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

TABLE 150 Ruckus Wireless Router Products MIB Tree

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

Ruckus Wireless Adapter Product MIBs

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

TABLE 151 Ruckus Wireless Adapter Products MIBs

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

Ruckus Wireless Metro Product MIBs

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

TABLE 152 Ruckus Wireless Metro Products MIBs

MIB Tree	Node Name	OID	Description
ruckusWirelessMetro Products	ruckusMM2225	1.3.6.1.4.1.25053.3.1.3.1	MM 2225
	ruckusMM2211	1.3.6.1.4.1.25053.3.1.3.2	MM 2211
	ruckusMM2221	1.3.6.1.4.1.25053.3.1.3.3	MM 2221

Ruckus Wireless Hotzone Product MIBs

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

TABLE 153 Ruckus Wireless Hotzone Products MIBs

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

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

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

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusT310D	1.3.6.1.4.1.25053.3.1.4.104	T310d
	ruckusT310N	1.3.6.1.4.1.25053.3.1.4.105	T310n
	ruckusT310S	1.3.6.1.4.1.25053.3.1.4.106	T310s
	ruckusM510	1.3.6.1.4.1.25053.3.1.4.107	M510
	ruckusR730	1.3.6.1.4.1.25053.3.1.4.108	R730
	ruckusC110ControlLED	1.3.6.1.4.1.25053.3.1.4.95.3	Reboot/reset AP or CM: (10): soft reset AP (12): factory reset AP (13): soft reset CM (15): factory reset CM
	ruckusC110WanIPAddr	1.3.6.1.4.1.25053.3.1.4.95.4	Specifies the IP address of the Cable Modem WAN interface.
	ruckusC110Customization	1.3.6.1.4.1.25053.3.1.4.95.1	C110 customization
	ruckusC110HTTPService	1.3.6.1.4.1.25053.3.1.4.95.1.1	Enable/disable HTTP service.
	ruckusC110TelnetService	1.3.6.1.4.1.25053.3.1.4.95.1.2	Enable/disable Telnet service.
	ruckusC110SSHService	1.3.6.1.4.1.25053.3.1.4.95.1.3	Enable/disable SSH service.
	ruckusC110Username	1.3.6.1.4.1.25053.3.1.4.95.1.4	Specifies username of cable modem.
	ruckusC110Password	1.3.6.1.4.1.25053.3.1.4.95.1.5	Specifies password of cable modem.
	ruckusC110CpeAgingOutTimer	1.3.6.1.4.1.25053.3.1.4.95.9	While CM is adding the CPE in the learning table, if it reaches the number of MAX CPE it will remove the existing CPE which has no upstream traffic for N seconds. Where N is the value of this MIB. N=0 means to follow original implementation. That is no CPE will be removed for any new comers.
	ruckusC110WanIPV6Addr	1.3.6.1.4.1.25053.3.1.4.95.9	Specifies the IPV6 address of the Cable Modem WAN interface.
	ruckusT811CMControlLED	1.3.6.1.4.1.25053.3.1.4.97.3	softResetAP(10): Soft reset of Access Point, factoryResetAP(12): Reset Access Point to

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

MIB Tree	Node Name	OID	Description
			factory defaults, softResetCM(13): Soft reset of Cable Modem, factoryResetCM(15): Reset Cable Modem to factory defaults"
	ruckusCMM310WanIPAddr	1.3.6.1.4.1.25053.3.1.4.97.4	Specifies the IP address of the Cable Modem WAN interface.
	ruckusCMM310WanIPV6Addr	1.3.6.1.4.1.25053.3.1.4.97.10	Specifies the IPV6 address of the Cable Modem WAN interface.
	ruckusCMM310ControlLED	1.3.6.1.4.1.25053.3.1.4.96.3	softResetAP(10): Soft reset of Access Point, factoryResetAP(12): Reset Access Point to factory defaults, softResetCM(13): Soft reset of Cable Modem, factoryResetCM(15): Reset Cable Modem to factory defaults
	ruckusCMM310WanIPAddr	1.3.6.1.4.1.25053.3.1.4.96.4	Specifies the IP address of the Cable Modem WAN interface.
	ruckusCMM310Customization	1.3.6.1.4.1.25053.3.1.4.96.5	Cable Modem customization.
	ruckusCMM310HTTPService	1.3.6.1.4.1.25053.3.1.4.96.5.1	Enable/disable HTTP service.
	ruckusCMM310TelnetService	1.3.6.1.4.1.25053.3.1.4.96.5.2	Enable/disable Telnet service.
	ruckusCMM310SSHService	1.3.6.1.4.1.25053.3.1.4.96.5.3	Cable Modem SSH service.
	ruckusCMM310SSHLanService	1.3.6.1.4.1.25053.3.1.4.96.5.3.1	Enable/disable SSH service for Lan.
	ruckusCMM310SSHWanService	1.3.6.1.4.1.25053.3.1.4.96.5.3.2	Enable/disable SSH service for Wan.
	ruckusCMM310Username	1.3.6.1.4.1.25053.3.1.4.96.5.4	Specifies username of cable modem.
	ruckusCMM310Password	1.3.6.1.4.1.25053.3.1.4.96.5.5	Specifies password of cable modem.
	ruckusCMM310SKUInformation	1.3.6.1.4.1.25053.3.1.4.96.5.6	Cable Modem SKU information.
	ruckusCMM310SKUID	1.3.6.1.4.1.25053.3.1.4.96.5.6.1	Specifies the cable modem SKU SKU ID RF CAPABILITY DEFAULT SPLIT ruckusCMM310-001(1

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

MIB Tree	Node Name	OID	Description
			):Base (NA) DOCSIS 3.1 SKU (5-42, 108-1218), (5-85, 108-1218) (5-85, 108-1218) ruckusCMM310-002(2):Charter (NA) DOCSIS 3.1 SKU (5-46, 258-1218), (5-204, 258-1218) (5-204, 258-1218) ruckusCMM310-003(3):Base (Euro) DOCSIS 3.1 SKU (5-65, 258-1218), (5-204, 258-1218) (5-204, 258-1218) ruckusCMM310-004(4):Base (NA) DOCSIS 3.0 SKU (5-42, 54-1002) (5-42, 54-1002) ruckusCMM310-005(5):Base (Euro) DOCSIS 3.0 SKU (5-65, 87.5-1002) (5-65, 87.5-1002).
	ruckusCMM310SKUCurrentRFSplit	1.3.6.1.4.1.25053.3.1.4.96.5.6.2	Specifies the RF Split for the given SKU.
	ruckusCMM310EthernetMonitorService	1.3.6.1.4.1.25053.3.1.4.96.5.6.7	Enable/disable Ethernet Monitor Service. For Ruckus Internal use only.
	ruckusCMM310CpeAgingOutTimer	1.3.6.1.4.1.25053.3.1.4.96.9	While CM is adding the CPE in the learning table, if it reaches the number of MAX CPE it will remove the existing CPE which has no upstream traffic for N seconds. Where N is the value of this MIB. N=0 means to follow original implementation. That is no CPE will be removed for any newcomer.
	ruckusCMM310WanIPV6Addr	1.3.6.1.4.1.25053.3.1.4.96.10	Specifies the IPV6 address of the Cable Modem WAN interface.
	ruckusZF7761CM	1.3.6.1.4.1.25053.3.1.4.7	ZF 7761-CM
	ruckusZF7761CMResetCM	1.3.6.1.4.1.25053.3.1.4.7.1	ZF 7761-CM
	ruckusZF7761CMResetAP	1.3.6.1.4.1.25053.3.1.4.7.2	ZF 7761-CM

TABLE 153 Ruckus Wireless Hotzone Products MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZF7761CMControlLED	1.3.6.1.4.1.25053.3.1.4.7.3	ZF 7761-CM LED controls.
	ruckusZF7761CMWanIPAddr	1.3.6.1.4.1.25053.3.1.4.7.4	Specifies the IP address of the Cable Modem WAN interface.
	ruckusZF7761CMCustomization	1.3.6.1.4.1.25053.3.1.4.7.5	ZF 7761-CM
	ruckusZF7761CMHTTPService	1.3.6.1.4.1.25053.3.1.4.7.5.1	Enable/disable HTTP service.
	ruckusZF7761CMTelnetService	1.3.6.1.4.1.25053.3.1.4.7.5.2	Enable/disable Telnet service.
	ruckusZF7761CMSSHService	1.3.6.1.4.1.25053.3.1.4.7.5.3	Enable/disable SSH service.
	ruckusZF7761CMUsername	1.3.6.1.4.1.25053.3.1.4.7.5.4	Specifies username of cable modem.
	ruckusZF7761CMPassword	1.3.6.1.4.1.25053.3.1.4.7.5.5	Specifies password of cable modem.
	ruckusZF7761CMLEDMode	1.3.6.1.4.1.25053.3.1.4.7.6	ledAllOff(0): All LEDs disabled after 3 second delay, blueActive(1): Blue Active Surge Protection Indicator, blueActiveCMOnlineLed(2): Blue Active Surge Protection Indicator and Cable Modem online Green LED enabled.
	ruckusZF7761CMHeartbeatMonitorCM	1.3.6.1.4.1.25053.3.1.4.7.7	Enable/disable Cable Modem heartbeat monitoring.
	ruckusZF7761CMHeartbeatMonitorAP	1.3.6.1.4.1.25053.3.1.4.7.8	Enable/disable Access Point heartbeat monitoring.

Ruckus Controller Product MIBs

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

TABLE 154 Ruckus Wireless Controller Products MIBs

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

TABLE 154 Ruckus Wireless Controller Products MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZD1000SystemModel	1.3.6.1.4.1.25053.3.1.5.1.5	Model
	ruckusZD1000SystemLicensedAPs	1.3.6.1.4.1.25053.3.1.5.1.6	Licensed APs
	ruckusZD1000SystemSerialNumber	1.3.6.1.4.1.25053.3.1.5.1.7	Serial number
	ruckusZD1000SystemVersion	1.3.6.1.4.1.25053.3.1.5.1.8	Software version
	ruckusZD1000CountryCode	1.3.6.1.4.1.25053.3.1.5.1.9	Country code
	ruckusZD1100	1.3.6.1.4.1.25053.3.1.5.2	ZD 1100
	ruckusZD1100SystemName	1.3.6.1.4.1.25053.3.1.5.21	System name
	ruckusZD1100SystemIPAddr	1.3.6.1.4.1.25053.3.1.5.2.2	IP address
	ruckusZD1100SystemMacAddr	1.3.6.1.4.1.25053.3.1.5.2.3	MAC address
	ruckusZD1100SystemUptime	1.3.6.1.4.1.25053.3.1.5.2.4	Up time
	ruckusZD1100SystemModel	1.3.6.1.4.1.25053.3.1.5.2.5	Model
	ruckusZD1100SystemLicensedAPs	1.3.6.1.4.1.25053.3.1.5.2.6	Licensed APs
	ruckusZD1100SystemSerialNumber	1.3.6.1.4.1.25053.3.1.5.2.7	Serial number
	ruckusZD1100SystemVersion	1.3.6.1.4.1.25053.3.1.5.2.8	Software version
	ruckusZD1100CountryCode	1.3.6.1.4.1.25053.3.1.5.2.9	Country code
	ruckusZD3000	1.3.6.1.4.1.25053.3.1.5.3	ZD 3000
	ruckusZD3000SystemName	1.3.6.1.4.1.25053.3.1.5.3.1	System name
	ruckusZD3000SystemIPAddr	1.3.6.1.4.1.25053.3.1.5.3.2	IP address
	ruckusZD3000SystemMacAddr	1.3.6.1.4.1.25053.3.1.5.3.3	MAC address
	ruckusZD3000SystemUptime	1.3.6.1.4.1.25053.3.1.5.3.4	Up time
	ruckusZD3000SystemModel	1.3.6.1.4.1.25053.3.1.5.3.5	Model
	ruckusZD3000SystemLicensedAPs	1.3.6.1.4.1.25053.3.1.5.3.6	Licensed APs
	ruckusZD3000SystemSerialNumber	1.3.6.1.4.1.25053.3.1.5.3.7	Serial number
	ruckusZD3000SystemVersion	1.3.6.1.4.1.25053.3.1.5.3.8	Software version
	ruckusZD3000CountryCode	1.3.6.1.4.1.25053.3.1.5.3.9	Country code
	ruckusZD5000	1.3.6.1.4.1.25053.3.1.5.8	ZD 5000
	ruckusZD5000SystemName	1.3.6.1.4.1.25053.3.1.5.8.1	System name
	ruckusZD5000SystemIPAddr	1.3.6.1.4.1.25053.3.1.5.8.2	IP address
	ruckusZD5000SystemMacAddr	1.3.6.1.4.1.25053.3.1.5.8.3	MAC address
	ruckusZD5000SystemUptime	1.3.6.1.4.1.25053.3.1.5.8.4	Up time
	ruckusZD5000SystemModel	1.3.6.1.4.1.25053.3.1.5.8.5	Model
	ruckusZD5000SystemLicensedAPs	1.3.6.1.4.1.25053.3.1.5.8.6	Licensed APs
	ruckusZD5000SystemSerialNumber	1.3.6.1.4.1.25053.3.1.5.8.7	Serial number
	ruckusZD5000SystemVersion	1.3.6.1.4.1.25053.3.1.5.8.8	Software version
	ruckusZD5000CountryCode	1.3.6.1.4.1.25053.3.1.5.8.9	Country code
	ruckusZD1200	1.3.6.1.4.1.25053.3.1.5.15	ZD 1200
	ruckusZD1200SystemName	1.3.6.1.4.1.25053.3.1.5.15.1	System name
	ruckusZD1200SystemIPAddr	1.3.6.1.4.1.25053.3.1.5.15.2	IP address
	ruckusZD1200SystemMacAddr	1.3.6.1.4.1.25053.3.1.5.15.3	MAC address
	ruckusZD1200SystemUptime	1.3.6.1.4.1.25053.3.1.5.15.4	Uptime
	ruckusZD1200SystemModel	1.3.6.1.4.1.25053.3.1.5.15.5	Model

TABLE 154 Ruckus Wireless Controller Products MIBs (continued)

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

ZoneDirector WLAN MIBs

- ZoneDirector WLAN MIBs Overview....81
- WLAN Info MIBs....81
- WLAN AP Info MIBs....83
- WLAN AP Radio Stats MIBs....86
- WLAN VAP Table MIBs....88
- WLAN Interface Table MIBs....89
- WLAN AP Ethernet Status Table MIBs....90
- WLAN Station Info MIBs....91
- WLAN Rogue Info MIBs....93

ZoneDirector WLAN MIBs Overview

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

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

WLAN Info MIBs

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

TABLE 155 WLAN Info MIBs

MIB Tree	Node Name	OID	Description
ruckusZDWLANTable	ruckusZDWLANSSID	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.1	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.
	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.
	ruckusZDWLANTunnelWLAN	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.10	Tunnel WLAN.
	ruckusZDWLANNumVAP	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.11	Number of APs.

TABLE 155 WLAN Info MIBs (continued)

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

TABLE 155 WLAN Info MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDWLANRxByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.41	Received rate Kbyte/s in last 90 seconds.
	ruckusZDWLANTxByteRate	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.42	Transmitted rate Kbyte/s in last 90 seconds.
	ruckusZDWLANRxDataFrameOnLan	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.43	Received Data Frame Number on Lan interface.
	ruckusZDWLANRxByteOnLan	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.44	Received Data Bytes on Lan interface.
	ruckusZDWLANTxByteOnLan	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.45	Transmitted Data Bytes on Lan interface.
	ruckusZDWLANDownDropFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.46	Drop Frame Number on Downlink of Wireless.
	ruckusZDWLANDownRetxFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.47	Retransmitted Frame Number on Downlink of Wireless.
	ruckusZDWLANDownTotalFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.48	Total Frame Number on Downlink of Wireless.
	ruckusZDWLANDownTotalErrFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.49	Total Error Frame Number on Downlink of Wireless.
	ruckusZDWLANUpTotalFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.50	Total Frame Number on Uplink of Wireless.
	ruckusZDWLANUpDropFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.51	Drop Frame Number on Uplink of Wireless.
	ruckusZDWLANUpRetxFrame	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.52	Retransmitted Frame Number on Uplink of Wireless.
	ruckusZDWLANNAME	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.108	WLAN NAME.

WLAN AP Info MIBs

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

TABLE 156 WLAN AP Info MIBs

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

TABLE 156 WLAN AP Info MIBs (continued)

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

TABLE 156 WLAN AP Info MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDWLANAPMultiModeAccessStatus	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.38	Support simutaneously connections from 11a/b/g clients.
	ruckusZDWLANAPEthStateChange	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.39	Ethernet port up/ down count.
	ruckusZDWLANAPSyncConf	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.41	Manually push configuration to this AP.
	ruckusZDWLANAPUpgrade	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.42	Upgrade this AP.
	ruckusZDWLANAPFirstJoinTime	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.43	Time of first join.
	ruckusZDWLANAPLastBootTime	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.44	Time of last boot.
	ruckusZDWLANAPLastUpgradeTime	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.45	Time of last firmware upgrade.
	ruckusZDWLANAPLastConfSyncTime	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.46	Time of last configuration synchronization.
	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.
	ruckusZDWLANAPMeshUpPortCntUpdown	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.54	/updown count of AP as a up port node in mesh mode.
	ruckusZDWLANAPMeshDownPortCntUpdown	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.55	/updown count of AP as a down port node in mesh mode.
	ruckusZDWLANAPTxFrameDropped	1.3.6.1.4.1.25053.1.2.2.1.1.2.1.1.57	Droped Frame count of AP wireless transmitted.

TABLE 156 WLAN AP Info MIBs (continued)

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

WLAN AP Radio Stats MIBs

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

TABLE 157 ZD WLAN AP Radio Stats Table MIBS

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

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

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

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

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

WLAN VAP Table MIBs

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

TABLE 158 ZD WLAN VAP Table MIBs

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

TABLE 158 ZD WLAN VAP Table MIBs (continued)

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

WLAN Interface Table MIBs

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

TABLE 159 WLAN Interface Table MIBs

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

TABLE 159 WLAN Interface Table MIBs (continued)

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

WLAN AP Ethernet Status Table MIBs

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

TABLE 160 ZD WLAN AP Ethernet Status Table MIBs

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

WLAN Station Info MIBs

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

TABLE 161 ZD WLAN Station Table MIBs

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

TABLE 161 ZD WLAN Station Table MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDWLANStaAssocTime	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.15	The time client has been associated.
	ruckusZDWLANStaRxError	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.16	Received error packets.
	ruckusZDWLANStaTxSuccess	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.17	Successful transmitted packets.
	ruckusZDWLANSta11bgReassoc	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.18	Reassociate count on B/G RF.
	ruckusZDWLANStaAssocTimestamp	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.19	The timestamp client associated.
	ruckusZDWLANStaRetryBytes	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.20	Transmitted retry bytes.
	ruckusZDWLANStaSNR	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.21	Station's Signal to Noise Ratio.
	ruckusZDWLANStaRxDrop	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.22	Drop transmitted packets.
	ruckusZDWLANStaTxDrop	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.23	Drop received packets.
	ruckusZDWLANStaTxError	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.24	Transmitted error packets.
	ruckusZDWLANStaVlanID	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.30	VLAN ID of the station. 1 for not specified.
	ruckusZDWLANStaAuthMode	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.80	Authentication mode of authenticated terminal.
	ruckusZDWLANStaSignalStrength	1.3.6.1.4.1.25053.1.2.2.1.1.3.1.1.81	Signal strength.
ruckusZDWiredStaTable			
	ruckusZDWiredStaMacAddr	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.1	The station's MAC Address.
	ruckusZDWiredStaAPMacAddr	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.3	The MAC address of the associated AP.
	ruckusZDWiredStaIPAddr	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.5	IP address.
	ruckusZDWiredStaIPV6Addr	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.6	IPV6 Address
	ruckusZDWiredStaVlanID	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.8	VLAN ID of the station. 1 for not specified.
	ruckusZDWiredStaUserName	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.9	Logined username of the client.
	ruckusZDWiredStaAuthState	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.10	Authentication state of authenticated terminal.
	ruckusZDWiredStaAssocTime	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.11	The time client has been associated.
	ruckusZDWiredStaRxPkts	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.15	Received packets.
	ruckusZDWiredStaRxBytes	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.16	Received bytes.
	ruckusZDWiredStaTxPkts	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.17	Transmitted packets.

TABLE 161 ZD WLAN Station Table MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDWiredStaTxBytes	1.3.6.1.4.1.25053.1.2.2.1.1.3.2.1.18	Transmitted bytes.

WLAN Rogue Info MIBs

Use the ZoneDirector WLAN Rogue Info MIBs to view WLAN rogue information. Table 161 on page 91 lists the node names, OIDs and descriptions of each object in the ruckusZDWLANRogueInfo MIB tree.

TABLE 162 ZD WLAN Rogue Info MIBs

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

ZoneDirector WLAN Configuration MIBs

- ZoneDirector WLAN Configuration MIBs Overview....95
- WLAN Configuration MIBs....95

ZoneDirector WLAN Configuration MIBs Overview

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

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

WLAN Configuration MIBs

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

TABLE 163 WLAN Configuration MIBs

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

TABLE 163 WLAN Configuration MIBs (continued)

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

TABLE 163 WLAN Configuration MIBs (continued)

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

TABLE 163 WLAN Configuration MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDWLANConfigTunnelMode	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.52	Enable Tunnel support capability for the Wireless LAN.
	ruckusZDWLANConfigBackgroundScanning	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.53	Select Background Scanning support capability for the Wireless LAN.
	ruckusZDWLANConfigMaxClientsPerAP	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.55	Select the Number of client devices the AP can service for the Wireless LAN.
	ruckusZDWLANConfigWebAuthentication	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.60	Enable WEP Authentication or not.
	ruckusZDWLANConfigRowStatus	1.3.6.1.4.1.25053.1.2.2.2.1.1.1.63	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.
ruckusZDWLANGroup ConfigTable (SNMPv3 only)	ruckusZDWLANGroupID	1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.1	WLAN Group ID. It can't be modified after creating it.Max value: for zd1000 and zd1100, 128; for zd3000, 1024; for zd5000,2048
	ruckusZDWLANGroupConfigName	1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.5	Name for this Wireless LAN Group.
	ruckusZDWLANGroupConfigDescription	1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.6	Description for this Wireless LAN Group.
	ruckusZDWLANGroupVlanOverrideStatus	1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.8	Enable VLAN Override for the Wireless LAN Group.
	ruckusZDWLANGroupConfigRowStatus	1.3.6.1.4.1.25053.1.2.2.2.1.1.2.1.15	Create, Delete Administration control for this Wireless LAN Group. 1: ACTIVE state, only for read; 4: CREATEANDGO, create a new table; 6: DESTROY, delete an existing table.
ruckusZDWLANGroup CfgAttrTable (SNMPv3 only)	ruckusZDWLANGroupCfgAttrOverrideType	1.3.6.1.4.1.25053.1.2.2.2.1.1.3.1.3	WLAN group VLAN Override Type.
	ruckusZDWLANGroupCfgAttrWGVlanTag	1.3.6.1.4.1.25053.1.2.2.2.1.1.3.1.4	WLAN group VLAN tag. For set, range is 1-4094. For get,,

TABLE 163 WLAN Configuration MIBs (continued)

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

TABLE 163 WLAN Configuration MIBs (continued)

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

ZoneDirector AAA Configuration MIBs

- ZoneDirector AAA Configuration MIBs Overview..... 101

ZoneDirector AAA Configuration MIBs Overview

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

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

TABLE 164 ZoneDirector AAA server configuration MIB Tree

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

TABLE 164 ZoneDirector AAA server configuration MIB Tree (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDAAARadiusPrimarySvrPasswd	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.
	ruckusZDAAARadiusSecondarySvrPort	1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.16	The port number for the backup RADIUS Server.
	ruckusZDAAARadiusSecondarySvrPasswd	1.3.6.1.4.1.25053.1.2.2.3.1.1.2.1.17	The Password for the backup RADIUS Server.
	ruckusZDAAARadiusFailoverTimeout	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.
	ruckusZDAAARadiusFailoverRetry	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.
	ruckusZDAAARadiusFailoverReconnectPrimary	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

- ZoneDirector AP Configuration MIBs Overview....103
- AP Configuration MIBs....103
- AP LBS Info MIBs....105

ZoneDirector AP Configuration MIBs Overview

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

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

AP Configuration MIBs

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

TABLE 165 AP Configuration MIBs

MIB Tree	Node Name	OID	Description
ruckusZDAPConfig (SNMPv3 only)	ruckusZDAPConfigID	1.3.6.1.4.1.25053.1.2.1.1.1.1.1	AP ID.Max value:for zd1000,50;for zd1100,100;for zd3000,500;zd5000,1000.
	ruckusZDAPConfigMacAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.2	AP MAC Address.
	ruckusZDAPConfigAPModel	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.4	AP Model.
	ruckusZDAPConfigDeviceName	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.5	AP Name.
	ruckusZDAPConfigDescription	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.6	AP Description.
	ruckusZDAPConfigLocation	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.7	AP Location.
	ruckusZDAPConfigGpsLatitude	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.10	The AP GPS location measured. the range is '-90,90'.
	ruckusZDAPConfigGpsLongitude	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.11	The AP GPS location measured. the range is '-180,180'.
	ruckusZDAPConfigIPVersion	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.14	The AP IP version.
	ruckusZDAPConfigIpAddressSettingMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.15	"The AP IP address configuration setting control.
	ruckusZDAPConfigIpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.16	The AP IP address.
	ruckusZDAPConfigIpAddressMask	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.17	The AP IP address mask.
	ruckusZDAPConfigGatewayIpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.20	The AP Gateway IP Address.
	ruckusZDAPConfigIpV6AddressSettingMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.1.21	"The AP IPV6 address configuration setting control.

TABLE 165 AP Configuration MIBs (continued)

MIB Tree	Node Name	OID	Description
	ruckusZDAPConfigIpV6Address	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.22	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.
	ruckusZDAPConfigSecondaryDnsV6IpAddress	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.28	The AP Secondary DNS IPV6 Address.
	ruckusZDAPConfigRadioType	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.30	The AP Wireless type.
	ruckusZDAPConfigRadioChannel24	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.31	"The AP Channel selection on the 2.4 GHz radio.
	ruckusZDAPConfigRadioTxPowerLevel24	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.32	The AP Tx Power level selection on the 2.4 GHz radio.
	ruckusZDAPConfigRadioWlanGroup24	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.33	The AP WLAN group (name) selection on the 2.4 GHz radio.
	ruckusZDAPConfigRadioEnableWlanService24	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.34	The AP enable wlan service flag on the 2.4 GHz radio.
	ruckusZDAPConfigRadioChannel5	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.40	"The AP Channel selection on the 5 GHz radio.
	ruckusZDAPConfigRadioTxPowerLevel5	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.41	The AP Tx Power level selection on the 5 GHz radio.
	ruckusZDAPConfigRadioWlanGroup5	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.42	The AP WLAN group (name) selection on the 5 GHz radio.
	ruckusZDAPConfigRadioEnableWlanService5	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.43	The AP enable wlan service flag on the 5 GHz radio.
	ruckusZDAPConfigMeshConfigurationMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.50	The AP Mesh network configuration mode.
	ruckusZDAPConfigUplinkSelectionMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.51	The AP network uplink selection mode.For manual,now 'set' is not supported.
	ruckusZDAPConfigApproveMode	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.52	AP approval state. For not-approved,'set' is not supported.
	ruckusZDAPConfigManagementAdmin	1.3.6.1.4.1.25053.1.2.2.4.1.1.1.60	Admin action to remove this AP from the ZD management.

TABLE 165 AP Configuration MIBs (continued)

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

AP LBS Info MIBs

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

TABLE 166 AP LBS Info MIBs

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

Appendix - Changes in This Version

- MIB Changes in 10.2 107
- ZoneDirector SNMP MIB Changes 107

MIB Changes in 10.2

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

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

ZoneDirector SNMP MIB Changes

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

ZD Products MIB Changes

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

MIB Tree	OID	Node Name	Change
ruckusWirelessHotzoneProducts	1.3.6.1.4.1.25053.3.1.4.96	ruckusCMM310	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.97	ruckusT811CM	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.107	ruckusM510	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.108	ruckusR730	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.97.3	ruckusT811CMControlLED	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.97.4	ruckusCMM310WanIPAddr	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.97.10	ruckusCMM310WanIPV6Addr	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.3	ruckusCMM310ControlLED	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.4	ruckusCMM310WanIPAddr	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5	ruckusCMM310Customization	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.1	ruckusCMM310HTTPService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.2	ruckusCMM310TelnetService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.3	ruckusCMM310SSHService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.3.1	ruckusCMM310SSHLanService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.3.2	ruckusCMM310SSHWanService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.4	ruckusCMM310Username	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.5	ruckusCMM310Password	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.6	ruckusCMM310SKUInformation	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.6.1	ruckusCMM310SKUID	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.5.6.2	ruckusCMM310SKUCurrentRFSplit	New in 10.2

	1.3.6.1.4.1.25053.3.1.4.96.5.7	ruckusCMM310EthernetMonitorService	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.9	ruckusCMM310CpeAgingOutTimer	New in 10.2
	1.3.6.1.4.1.25053.3.1.4.96.10	ruckusCMM310WanIPV6Addr	New in 10.2

ZD WLAN Info MIB Changes

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

MIB Tree	OID	Node Name	Change
ruckusZDWLANEntry	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.41	ruckusZDWLANRxByteRate	Changed "bytes in last 5 minutes" to "Kbytes in last 90 seconds."
	1.3.6.1.4.1.25053.1.2.2.1.1.1.1.1.42	ruckusZDWLANTxByteRate	Changed "bytes in last 5 minutes" to "Kbytes in last 90 seconds."