

# Ruckus SmartZone 300 and Virtual SmartZone-High Scale SNMP MIB Reference, 5.2

Supporting SmartZone 5.2

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## Document Conventions

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

**TABLE 1** Text Conventions

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

## Notes, Cautions, and Warnings

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

### NOTE

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

### ATTENTION

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



### CAUTION

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



### DANGER

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

## Command Syntax Conventions

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

Convention	Description
<b>bold text</b>	Identifies command names, keywords, and command options.

## Preface

Document Feedback

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

## Document Feedback

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

You can email your comments to Ruckus at [#Ruckus-Docs@commscope.com](mailto:#Ruckus-Docs@commscope.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](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](https://support.ruckuswireless.com/case_management).





# About This Guide

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## Introduction

This SmartZone 300 (SZ300) and Virtualized SmartZone-High Scale (vSZ-H) SNMP MIB Reference Guide describes the SNMP Management Information Bases (MIBs) that SZ300/vSZ-E (collectively referred to as “the controller” throughout this guide) supports.

This guide is written for service operators and system administrators who are responsible for managing, configuring, and troubleshooting Ruckus devices. Consequently, it assumes a basic working knowledge of local area networks, wireless networking, and wireless devices.

### NOTE

If release notes are shipped with your product and the information there differs from the information in this guide, follow the instructions in the release notes.

Most user guides and release notes are available in Adobe Acrobat Reader Portable Document Format (PDF) or HTML on the support site at <https://support.ruckuswireless.com/contact-us>.

## What's New in This Document

There are no new MIBs for this guide in 5.2 release. Added caution notes in control MIBs

## Terminology

The following table lists the terms used in this guide.

**TABLE 2** Terms used in this guide

Term	Description
AAA	Authentication, Authorization, and Accounting
AP	Access Point
APN	Access Point Name
CDR	Call Detail Record
CGF	Charging Data Function
CIP	Channel Interface Processor
DHCP	Dynamic Host Configuration Protocol
EAP-AKA	Extensible Authentication Protocol for Authentication and Key Agreement
EAP-SIM	Extensible Authentication Protocol for GSM Subscriber Identity Module
GGSN	Gateway GPRS Support Node
GSN	GPRS Support Node
GTP-C	GPRS Tunneling Protocol – Control Plane

## About This Guide

### References

**TABLE 2** Terms used in this guide (continued)

Term	Description
HIP	HLR Interface Process
HLR	Home Location Register
IPSP	IP Signaling Point
MIB	Management Information Bases
NAK	Negative Acknowledgment
NBI	Northbound Interface
OID	Object Identifier
PDG	Packet Data Gateway
SCG-CBlade	SCG Controller Blade
SCG-DBlade	SCG Data Blade
SG	Signaling Gateway
SMF	System Management Framework
SNMP	Simple Network Management Protocol
TCP	Transmission Control Protocol
TTG	Tunnel Termination Gateway
UE	User Equipment
UE-IP	User Equipment - IP Address
UE-MAC	User Equipment - MAC Address

## References

The following table lists the specifications and standards that are referred to in this guide.

**TABLE 3** References used in this guide

No.	Reference Number	Description
1	RFC3418	Defines managed objects that describe the behavior of a Simple Network Management Protocol (SNMP) entity
2	RFC1213	Defines the second version of the Management Information Base (MIB-II) for use with network management protocols on TCP/IP-based Internets.

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## Overview

This document describes the SNMP management information bases (MIBs) that the controller supports. It also describes the overall design of the controller SNMP agent.

The controller SNMP agent allows its northbound portal application to monitor the system via SNMP GET operation and also notifies the critical events by sending traps. The controller supports V2 community and V3 versions of SNMP. It also supports configuring the system via SNMP SET from this release. See [Updating SNMP V2 and V3 Configuration Flow and SNMP Logs](#) on page 28.

### NOTE

For information on how to enable SNMP traps and configure the SNMP V2 and V3 settings on the controller web interface, refer to the *SmartZone Administrator Guide*.

### NOTE

Refer to [About This Guide](#) on page 25 for conventions used in this guide.

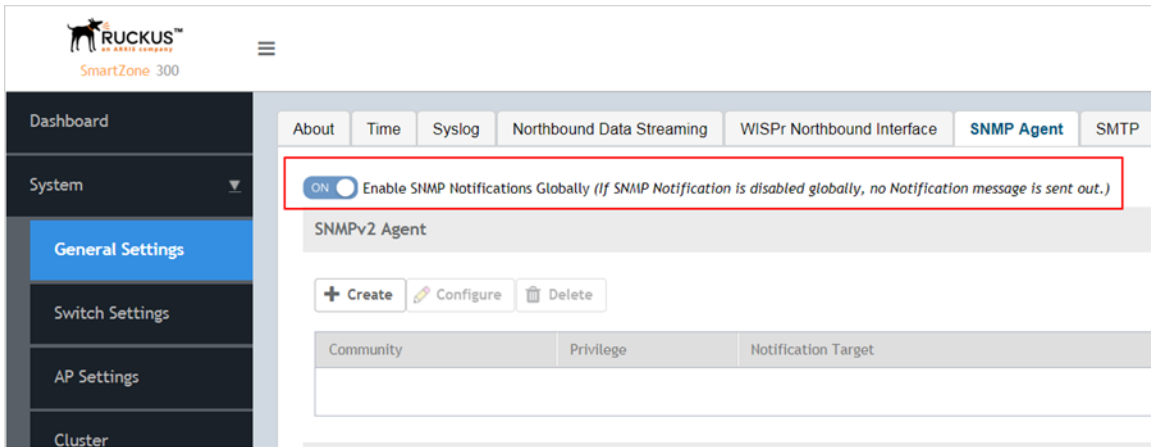
### NOTE

For details on alarms and events refer to *SmartZone Alarms and Events Guide*.

## Enabling and Disabling SNMP Traps

In the controller web interface navigate to **System > General Settings > SNMP Agent** to either enable or disable the SNMP notifications as shown in the following figure.

FIGURE 1 SNMP notifications



If the SNMP notification is disabled, it will not send any messages to the receiver. It also does not allow any community or a user to enable or configure the notification target address.

## Updating SNMP V2 and V3 Configuration Flow and SNMP Logs

Using the controller web interface, you add or update V2 and V3 communities / users and set the operation (set/get/trap) configurations, as shown in Figure 2 and Figure 3. Navigate to **System > General Settings > SNMP Agent** to create SNMP V2 and V3 agents.

### NOTE

For information on how to enable the SNMP V2 and V3 settings on the controller web interface, refer to the *Administrator Guide*.

The controller supports a maximum of eight SNMP user profiles and eight trap destinations for SNMPv2 and SNMv3. In the previous releases this was unlimited.

FIGURE 2 Create or enable SNMP V2

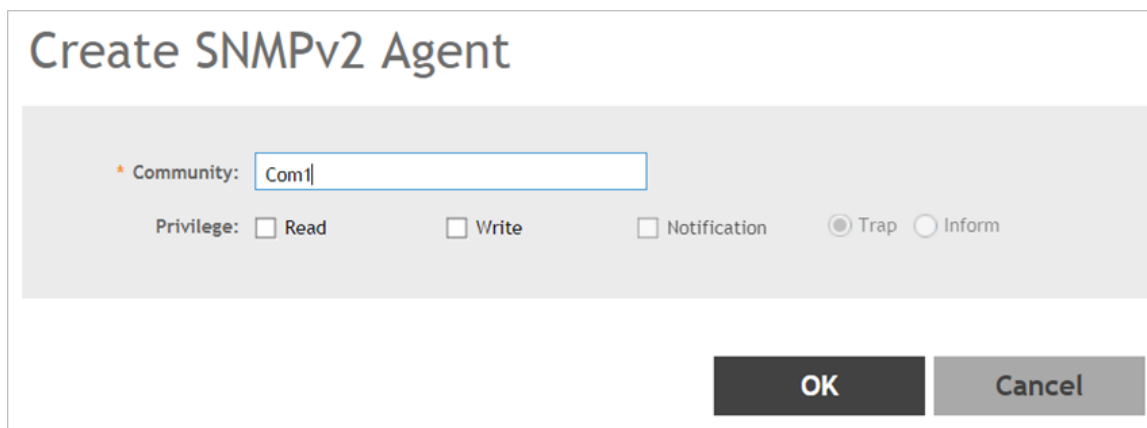


FIGURE 3 Create or enable SNMP V3

The screenshot shows a configuration window titled "Create SNMPv3 Agent". It contains several fields and options:

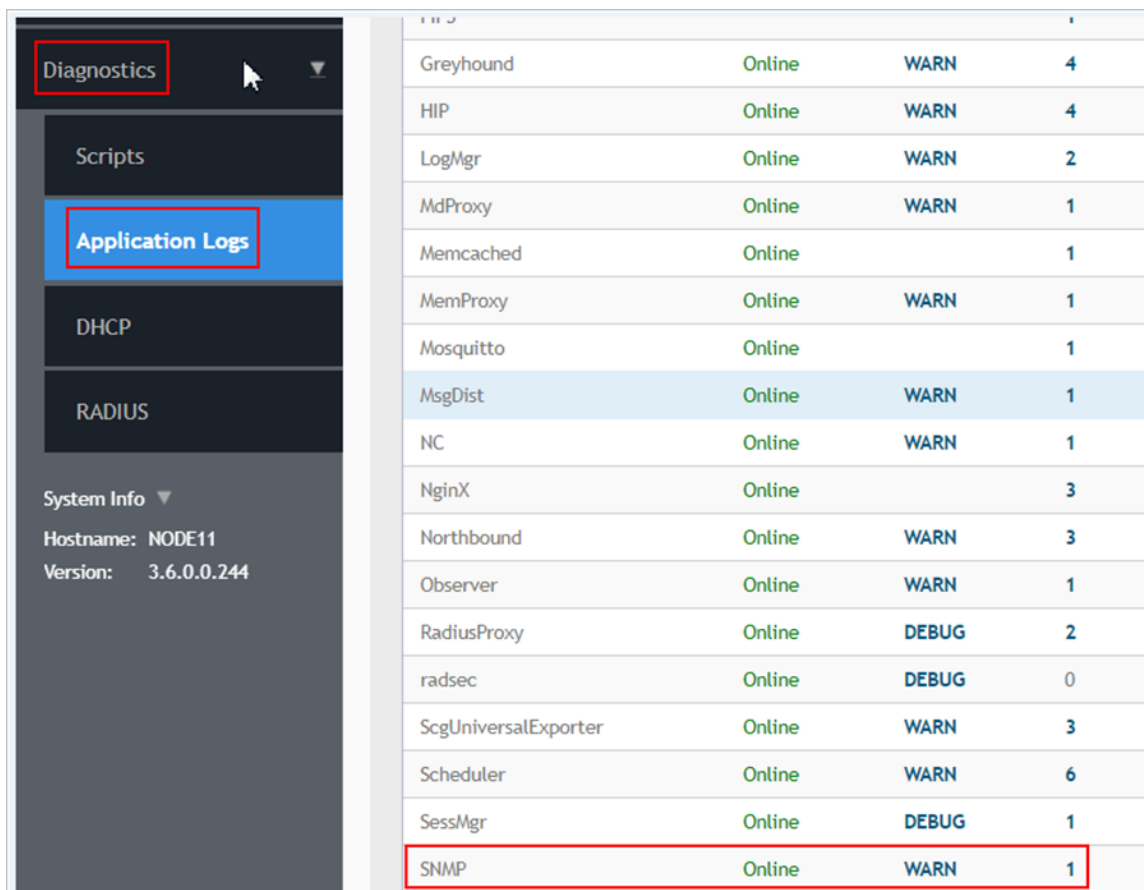
- User:** A text input field containing "Com2".
- Authentication:** Radio buttons for "SHA" (selected) and "MD5".
- Auth Pass Phrase:** An empty text input field.
- Privacy:** Radio buttons for "NONE" (selected), "DES", and "AES".
- Privilege:** Checkboxes for "Read", "Write", "Notification", and "Trap". The "Trap" checkbox is selected.

At the bottom right, there are two buttons: "OK" and "Cancel".

### SNMP Logs

On the controller web interface, navigate to **Diagnostics > Application Log** to view the SNMP logs. SNMP is listed in the *Application Name* column.

FIGURE 4 SNMP logs



Greyhound	Online	WARN	4
HIP	Online	WARN	4
LogMgr	Online	WARN	2
MdProxy	Online	WARN	1
Memcached	Online		1
MemProxy	Online	WARN	1
Mosquitto	Online		1
MsgDist	Online	WARN	1
NC	Online	WARN	1
NginX	Online		3
Northbound	Online	WARN	3
Observer	Online	WARN	1
RadiusProxy	Online	DEBUG	2
radsec	Online	DEBUG	0
ScgUniversalExporter	Online	WARN	3
Scheduler	Online	WARN	6
SessMgr	Online	DEBUG	1
SNMP	Online	WARN	1

## Standard MIB

Standard MIBs that the controller supports include:

- [Host Resource MIB](#) on page 30
- [UCD MIB](#) on page 31
- [SNMPv2 MIB \(RFC3418\)](#) on page 31
- [RFC1213 MIB \(RFC1213\)](#) on page 31

## Host Resource MIB

Host resource MIB is a standard MIB for monitoring the resource status on controller. The term “host” refers to any computer that communicates with other similar computers attached to the Internet and that is directly used by one or more users.

### NOTE

To get disk information use the Host Resource MIB OID.1.3.6.1.2.1.25.2.3.

## UCD MIB

The UCD SNMP MIB contains system performance data, which was designed for ease of numerical management routines. This MIB is no longer maintained by the University of California. It is now on life support-mode and maintained by the NET-SNMP project.

- To get CPU information use the UCD SNM MIB OIDs.
  - .1.3.6.1.4.1.2021.10.1.3.1 (1 minute load)
  - .1.3.6.1.4.1.2021.10.1.3.2 (5 minute load)
  - .1.3.6.1.4.1.2021.10.1.3.3 (15 minute load)
- To get memory information use the OID.1.3.6.1.4.1.2021.4

## SNMPv2 MIB (RFC3418)

SNMPv2-MIB (RFC3418) defines managed objects that describe the behavior of a Simple Network Management Protocol (SNMP) entity.

### NOTE

RFC3418 obsoletes RFC1907 – the management information base for v2 of the Simple Network Management Protocol (SNMPv2).

## RFC1213 MIB (RFC1213)

RFC1213-MIB (RFC1213) defines the second version of the management information base (MIB-II) for use with network management protocols on TCP/IP- based Internets. This RFC specifies an IAB standards track protocol for the Internet community, and requests discussion and suggestions for improvements.

### NOTE

To get network information use the OID.1.3.6.1.2.1.2.2.

### NOTE

For more information about RFC1213-MIB (RFC1213), refer to the current edition of the “IAB Official Protocol Standards” for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Ruckus private MIBs are categorized into the following types:

- [Ruckus Event MIB](#) on page 47
- [Ruckus System MIB](#) on page 199
- [Ruckus WLAN MIB](#) on page 209
- [Ruckus TTG MIB](#) on page 231
- [SmartZone Event Traps](#) on page 353

## Decoding Traps

To extract the variable bindings from the trap, it is recommended to use the OID (of the variables) instead of their positions. The reason is that the OID never changes while the position may change when additional variables are added to the trap. For example, the ruckusSCGSystemMiscEventTrap trap may originally contain the following four variable bindings:

```
ruckusSCGEventSeverity  
ruckusSCGEventType  
ruckusSCGEventDescription  
ruckusSCGEventCode
```

Assuming in a future release, a new variable binding - ruckusSCGEventReason, is added to this trap, then ruckusSCGSystemMiscEventTrap trap will have the following five variable bindings:

```
ruckusSCGEventSeverity
ruckusSCGEventType
ruckusSCGEventReason
ruckusSCGEventDescription
ruckusSCGEventCode
```

If the variable bindings are extracted based on the position, the original logic fails when the binding - ruckusSCGEventReason is added.

Though a newly-added variable binding is normally added at the end of the existing binding, sometimes it may be placed in the middle to make it consistent with other traps.

#### NOTE

For details on variable OIDs refer to [Ruckus Event Object](#) on page 177.

## Generate Traps Using CLI

Using the CLI console execute the following commands to trigger SNMP traps. These set of commands is for testing purposes, where fake or test traps are generated manually to test communication and message parsing with upper systems.

#### NOTE

Make sure that the option *Enable SNMP* is enabled before running the following CLI commands. In the web interface navigate to **System > General Settings > SNMP Agent** to enable the option.

FIGURE 5 SNMP Traps Using CLI

```
SZ300-2(diagnostic)# trigger-trap
all          trigger all traps

<eventcode>  Multi-Traps separated by comma, for example: trigger-trap 123
,122,133

SZ300-2(diagnostic)# trigger-trap all
Successful operation

SZ300-2(diagnostic)# trigger-trap 960
Successful operation
```

## SNMP Agent for APs

APs by default have SNMP Agent disabled. This can be changed either using the controller's interface or CLI console.

### Limitations

- Only one target notification is allowed in both SNMP v2 and v3 agents



- You can have a maximum count of three (3) each for community and user groups
- Community or users should not have the same privileges. For example:
  - Read or write or notification privileges should not be enabled in two communities
  - Read or write or notification should not be enabled in two users

## Enable SNMP Agent

### Option 1 - User Interface

In the controller interface navigate to **Access Points > Zone**. Click on the + sign to add the zone. In the create Zone page select **AP SNMP Options** for all the APs in the controller as seen in the below screen.

Privilege option - **target** refers to adding SNMP target notification and **inform** refers to sending SNMP information notifications to the selected community.

#### NOTE

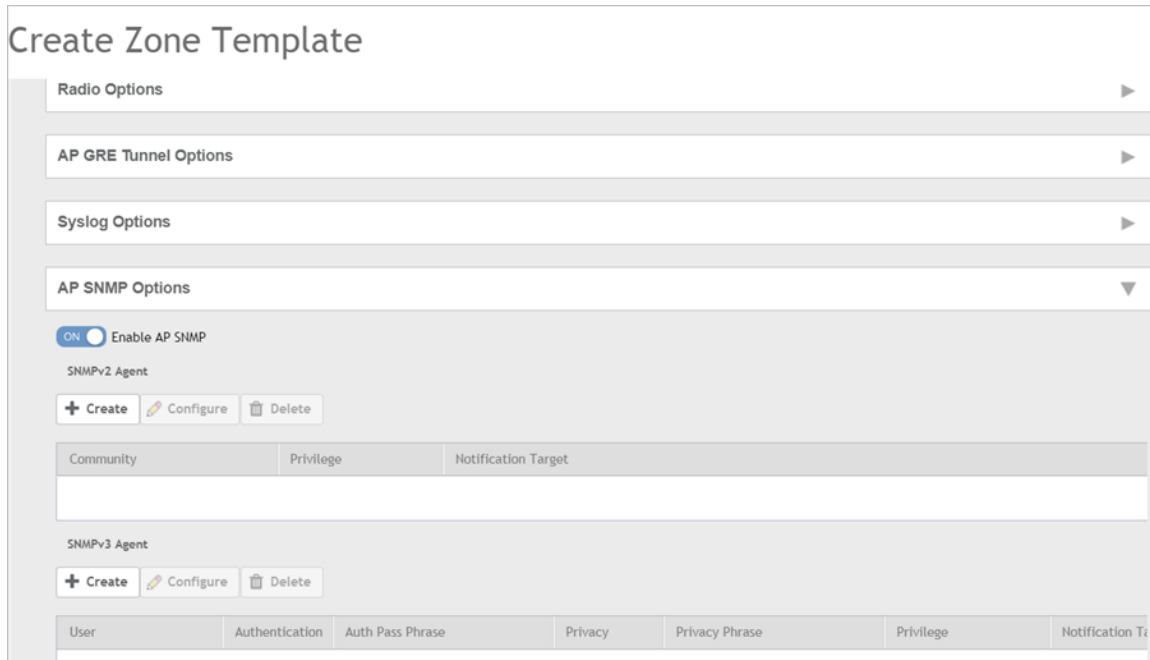
For AP SNMP Inform privilege option for SNMP v3 Agent is not supported.

**FIGURE 6** Enabling SNMP options for Zone APs

The screenshot shows a configuration window for a Zone. At the top, there are fields for 'Name' and 'Description', and radio buttons for 'Type' (Domain, Zone, AP Group). Below this is a 'Parent Group' dropdown set to 'System'. The main configuration area is titled 'Configuration' and has a dropdown menu set to 'AP SNMP Options'. Under this menu, there is a toggle for 'Enable AP SNMP' which is turned ON. Below the toggle is a section for 'SNMPv2 Agent' with '+ Create', 'Configure', and 'Delete' buttons. A table is shown with columns 'Community', 'Privilege', and 'Notification Target'. Below the table is a section for 'SNMPv3 Agent'. At the bottom right of the window are 'OK' and 'Cancel' buttons.

To enable SNMP options in Zone templates navigate to **System > Templates > Zone Templates**. Select **AP SNMP Options** for all the APs in the controller as seen in the below figure.

FIGURE 7 Enabling SNMP options for Zone Templates



### Option 2 - CLI Console

Using the CLI console login with your administrator user credentials. Execute the common settings AP SNMP options to enable the SNMP agents as seen in the following figure. This setting will be applied to all APs connected to the controller.

FIGURE 8 Enabling SNMP options using CLI

```
NMS32(config)# zone NMS_Zone1_POE
NMS32(config-zone)# ap-snmp-options
NMS32(config-zone-ap-snmp-options)# ap-snmp
NMS32(config-zone-ap-snmp-options)# snmp-v
snmp-v2-community snmp-v3-user
NMS32(config-zone-ap-snmp-options)# snmp-v2-community admin
NMS32(config-zone-ap-snmp-options-snmp-v2-community)# read
NMS32(config-zone-ap-snmp-options-snmp-v2-community)# write
NMS32(config-zone-ap-snmp-options-snmp-v2-community)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-zone-ap-snmp-options)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-zone)# exit
Do you want to update this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config)#
```

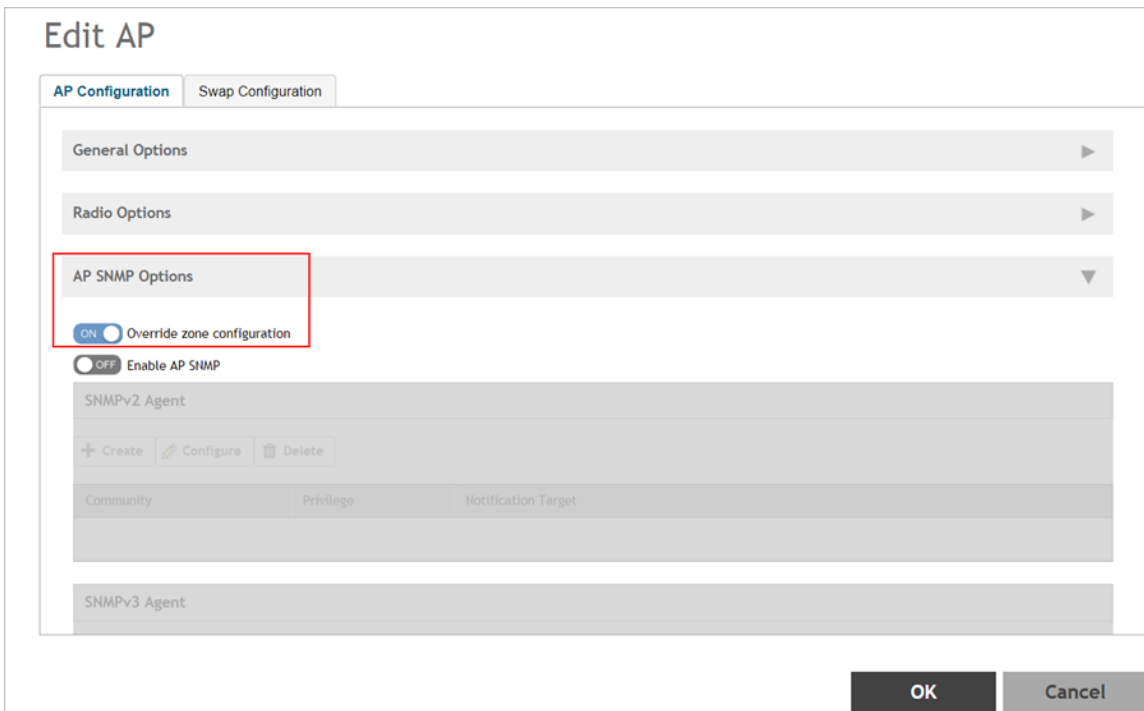
## Enable Override Settings

If you want to set up a different policy for a specific AP, you need to enable the override option for a particular AP or for a AP Group.

### Option 1 - User Interface

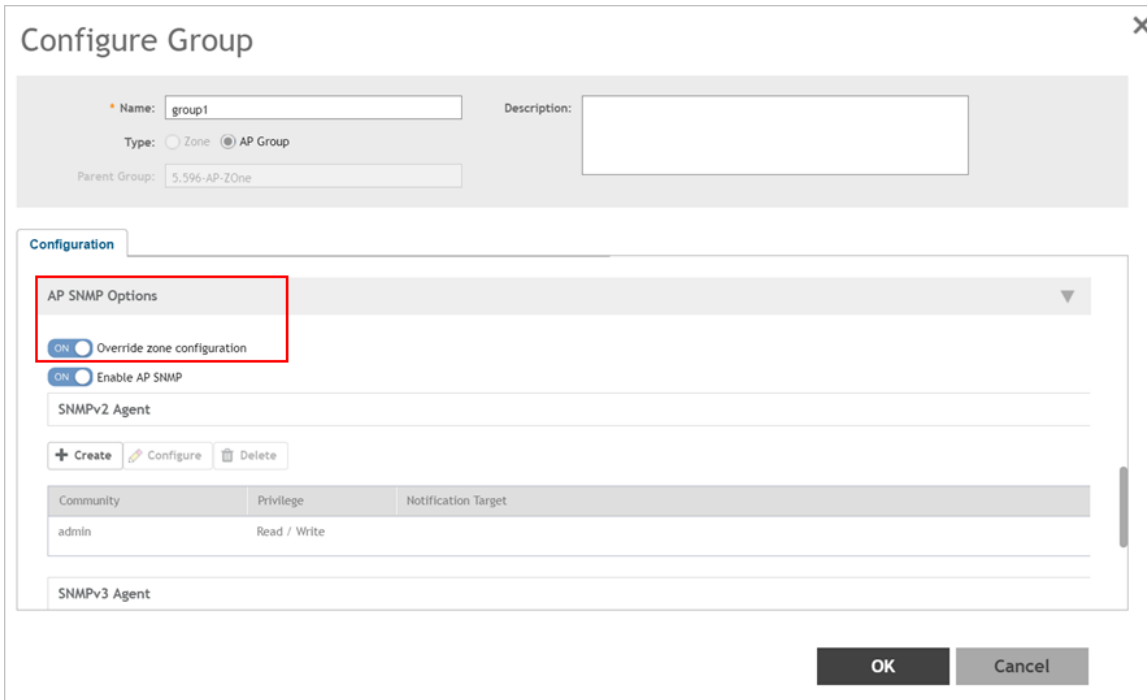
Using the controller interface navigate to **Access Points**. Select the AP and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to enable the *Override* option for a particular AP as seen in the following figure.

FIGURE 9 Setting the Override option for a particular AP



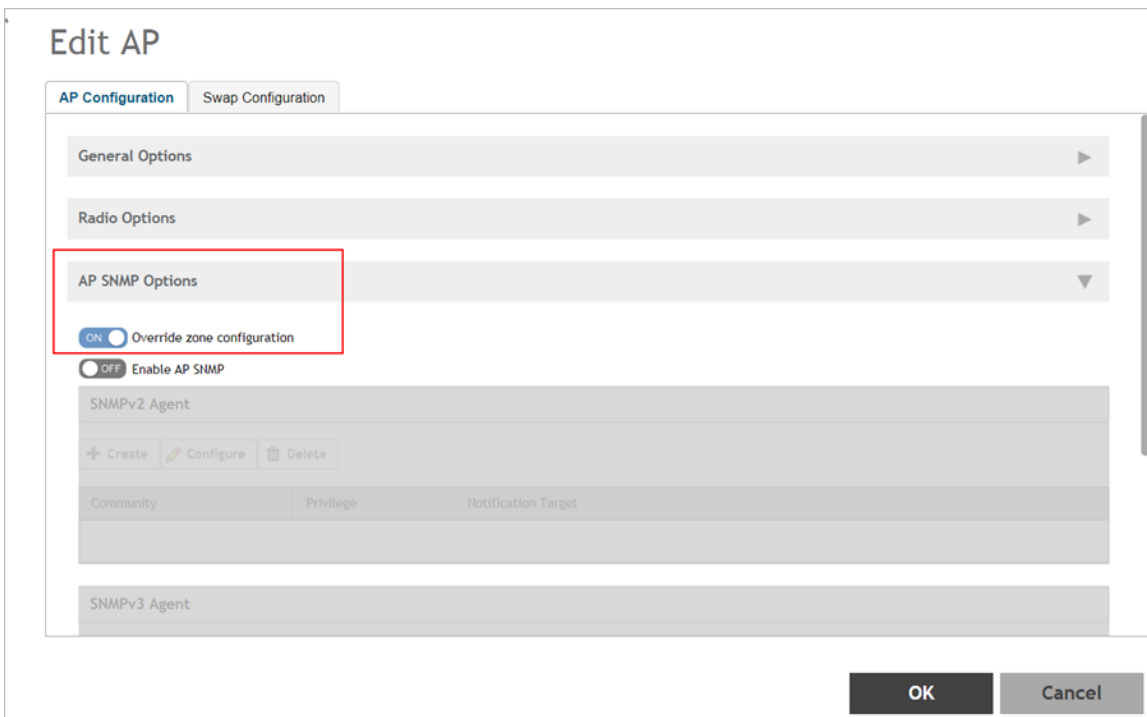
Using the controller interface navigate to **Access Points**. Select the AP Group and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to enable the *Override* option for a particular AP Group in an AP as seen in the below figure.

FIGURE 10 Setting the Override option for a AP Group



Using the controller interface navigate to **Access Points**. Select the Zone and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to enable the *Override* option for a particular Zone in an AP as seen in the below figure.

FIGURE 11 Setting the Override option for Zone in an AP



## Option 2 - CLI Console

Login to CLI console with your administrator user credentials. Execute the common settings commands as seen in the following figure. This setting will be applied to a particular AP.

**FIGURE 12** Setting the Override option using CLI for a AP

```
NMS32(config)# ap 2C:C5:D3:01:85:40
NMS32(config-ap)# override-ap-snmp-options
NMS32(config-ap)# ap-snmp-options
NMS32(config-ap-ap-snmp-options)# ap-snmp
NMS32(config-ap-ap-snmp-options)# snmp-v2-community test
NMS32(config-ap-ap-snmp-options-snmp-v2-community)# read
NMS32(config-ap-ap-snmp-options-snmp-v2-community)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-ap-ap-snmp-options)# yes
NMS32(config-ap-ap-snmp-options)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-ap)#
```

Login to CLI console with your administrator user credentials. Execute the common settings commands as seen in the following figure. This setting will be applied to a AP Group.

**FIGURE 13** Setting the Override option using CLI for a AP Group

```
NMS32(config-zone)# ap-group Grp1
NMS32(config-zone-ap-group)# override-ap-snmp-options
NMS32(config-zone-ap-group)# ap-snmp-options
NMS32(config-zone-ap-group-ap-snmp-options)# ap-snmp
NMS32(config-zone-ap-group-ap-snmp-options)# snmp-v2-community apgroupsnmp
NMS32(config-zone-ap-group-ap-snmp-options-snmp-v2-community)# read
NMS32(config-zone-ap-group-ap-snmp-options-snmp-v2-community)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-zone-ap-group-ap-snmp-options)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-zone-ap-group)# exit
Do you want to save this context configuration (or input 'no' to cancel)? [yes/no] yes
NMS32(config-zone)#
```

Apart from that, you can not only enable or disable SNMP, but also configure SNMPv2/v3 communities.

## View SNMP Configuration

To view the SNMP configurations applied to Access Points, login to AP CLI console. Execute the command `GET SNMP` as shown in the following figure.

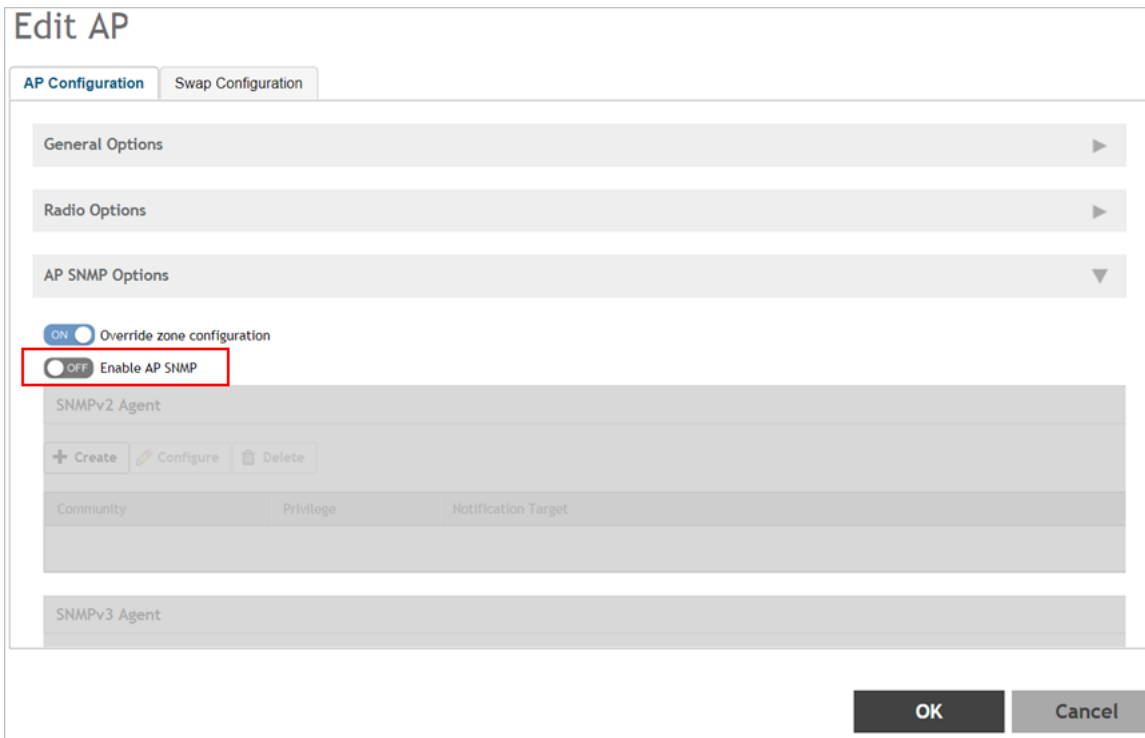
FIGURE 14 AP GET SNMP

```
rkscli: get snmp
SNMP enable : enable
SNMP version : v2c and v3
SNMPv2 ro community : admin
SNMPv2 rw community :
SNMPv2 sys contact : https://support.ruckuswireless.com/contact_us
SNMPv2 sys location :
SNMPv2 trap enable : disable
SNMPv2 trap server :
SNMPv2 trap/inform : TRAP
OK
rkscli:
rkscli: get snmpv3
SNMP enable : enable
SNMP version : v2c and v3
SNMPv3 ro username : ruckus
SNMPv3 ro auth type :
SNMPv3 ro auth key :
SNMPv3 ro privacy type :
SNMPv3 ro privacy key :
SNMPv3 rw username : ruckus
SNMPv3 rw auth type :
SNMPv3 rw auth key :
SNMPv3 rw privacy type :
SNMPv3 rw privacy key :
SNMPv3 trap enable : enable
SNMPv3 trap Svr Ip : 172.19.7.88
SNMPv3 trap username : test
SNMPv3 trap auth type : SHA
SNMPv3 trap auth key : testing123
SNMPv3 trap privacy type : DES
SNMPv3 trap privacy key : testing123
SNMPv3 trap/inform : TRAP
OK
rkscli:
```

## Disable SNMP Agents

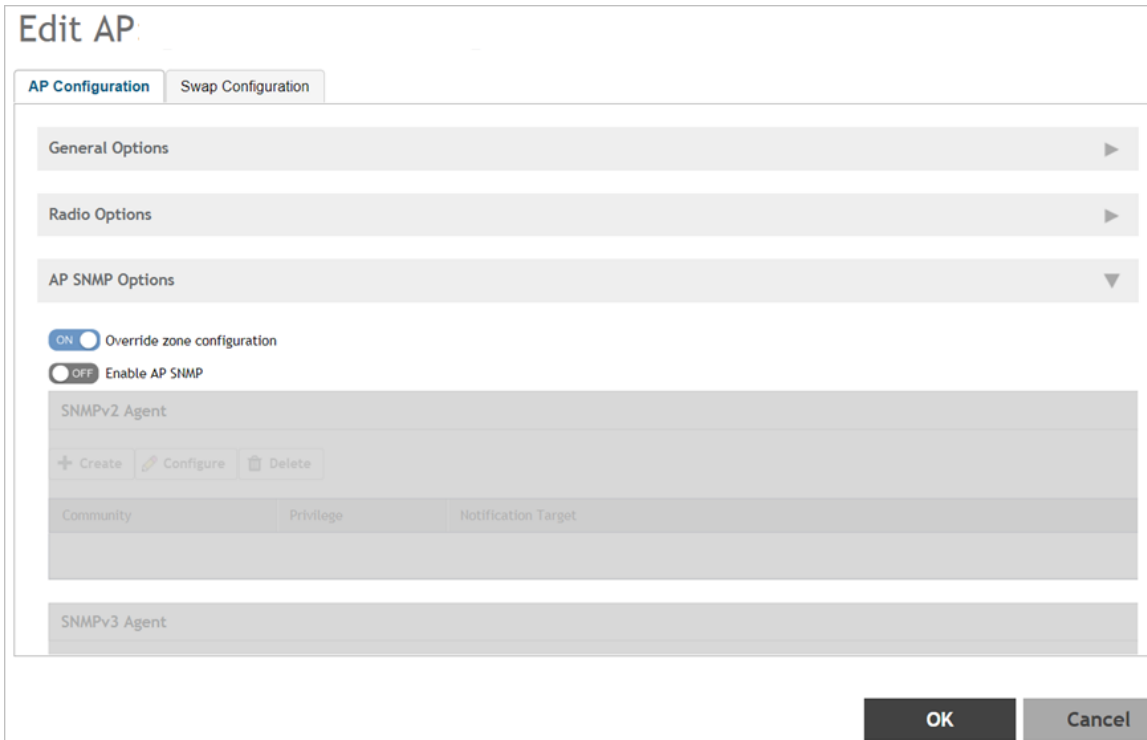
Using the controller interface navigate to **Access Points**. Select the AP and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to disable the *AP SNMP* option for all APs as seen in the below figure. Make sure that the *Enable AP SNMP* button is turned off.

FIGURE 15 Disable AP SNMP for all APs



Using the controller interface navigate to **Access Points**. Select the AP and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to disable the *AP SNMP* option in a Zone for all APs as seen in the below figure. Make sure that the *Enable AP SNMP* button is turned off.

FIGURE 16 Disable AP SNMP for APs in a AP Zone



Using the controller interface navigate to **Access Points**. Select the AP Group and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to disable the *AP SNMP* option in a AP Group for all APs as seen in the below figure. Make sure that the *Enable AP SNMP* button is turned off.

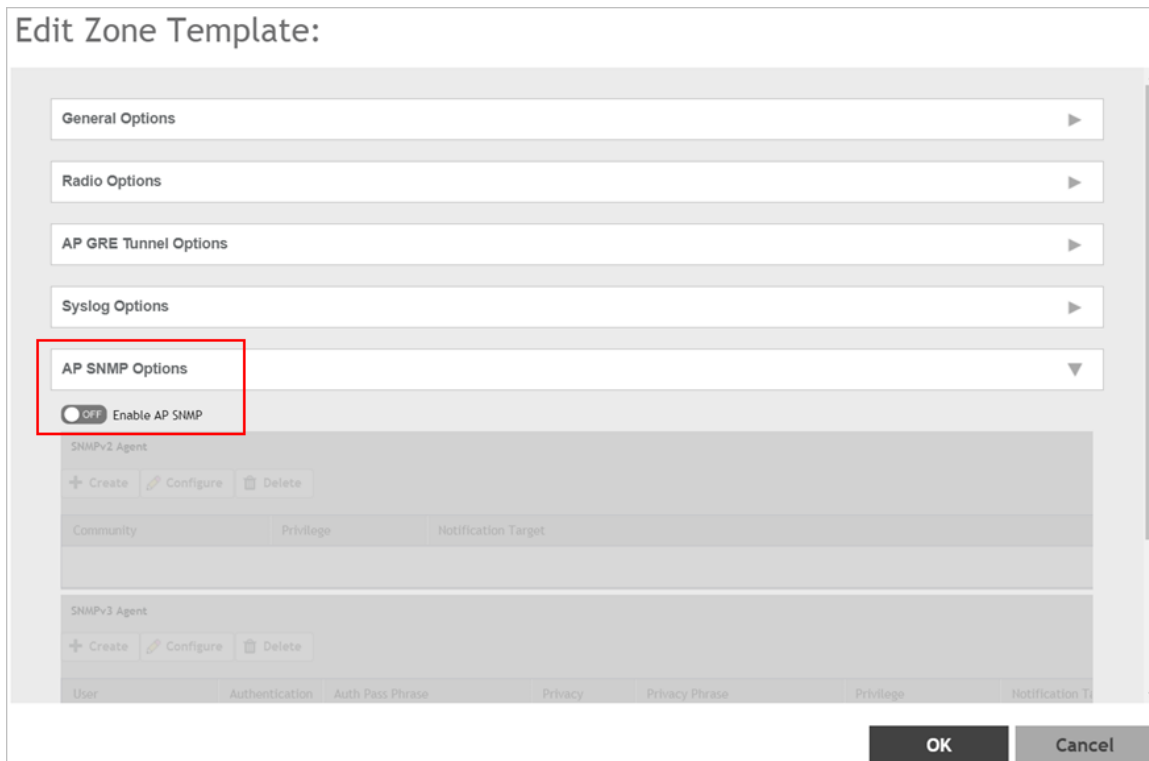


FIGURE 17 Disable AP SNMP for AP Group in a AP Zone

The screenshot shows the 'Configure Group' interface. At the top, there are fields for 'Name' (377) and 'Description' (q). Below these are radio buttons for 'Type' (Domain, Zone, AP Group), with 'Zone' selected. A 'Parent Group' dropdown is set to 'System'. The 'Configuration' tab is active, showing 'AP SNMP Options' with a dropdown arrow. A red box highlights the 'Enable AP SNMP' toggle switch, which is currently turned off. Below this are sections for 'SNMPv2 Agent' and 'SNMPv3 Agent', each with 'Create', 'Configure', and 'Delete' buttons. At the bottom right, there are 'OK' and 'Cancel' buttons.

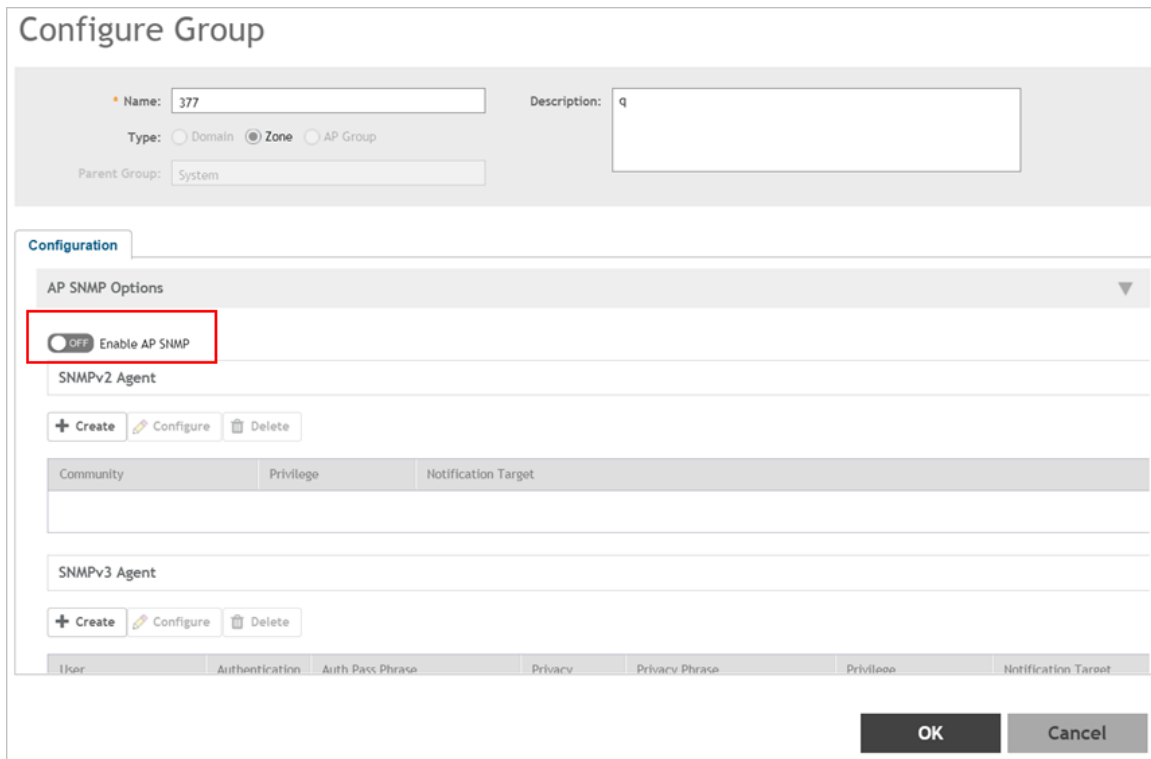
To disable AP SNMP for AP Zone in Zone Template navigate to the controller user interface **System > Templates > Zone Template**. Select the required zone template and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to disable the *AP SNMP* option. Make sure that the *Enable AP SNMP* button is turned off.

**FIGURE 18** Disable AP SNMP for AP Zone in a AP Zone Template



To disable AP SNMP for an AP Zone in a Zone Template pertaining to AP Groups navigate to the controller user interface **Access Points**. . Select the AP Group and click on the **Configuration** tab. In the configuration page select **AP SNMP Options** to disable the *AP SNMP* option in a AP Group for all APs as seen in the below figure. Make sure that the *Enable AP SNMP* button is turned off.

FIGURE 19 Disable AP SNMP for AP Zone in a AP Zone Template in AP Group



## Using SNMP Walk Scripts

The following procedure helps you in creating sample shell scripts to query all entries in RuckusCtrlAp related tables (AP, AP Radio, AP WLAN).

### Steps for using SNMP Walk Scripts

The following are the steps for using SNMP walk scripts.

1. Get the MAC list using ruckusCTRLSummaryApTable
2. Translate all output MAC addresses in the OID format
3. Utilize SNMP cache. It gets all the attributes (based on the rows first and not column) of an AP through snmpget or snmpwalk.

Do retry for unsuccessful APs if required.

#### NOTE

The below scripts are example codes for walking through all the APs in the controller.

## Setup Environment

The following is the requirement to setup the required environment.

- **Shell:** Dash or bash
- **Operating System:** Linux

## Procedure

1. Install NET SNMP client tools (snmpget and snmpwalk) by referring to <http://www.net-snmp.org/download.html>.
2. Save the downloaded MIB files in the MIB directory.
3. Ensure that the following MIB files are installed in the system
  - a. IANAifType-MIB
  - b. IF-MIB
  - c. IPV6-TC
  - d. SNMPv2-CONF
  - e. SNMPv2-SMI
  - f. SNMPv2-TC

## Installing SNMP Client Tool

Execute the following script to install SNMP client using:

### Ubuntu

```
apt-get install snmp
```

### RedHat

```
yum install net-snmp net-snmp-libs net-snmp-utils
```

## Ruckus MIB files in the MIB directory

Execute the following script to save the Ruckus MIB files in the MIB directory using:

### Ubuntu and RedHat

```
cd RUCKUS_MIB_Directory  
sudo cp RUCKUS-*.txt /usr/share/snmp/mibs/
```

### Usage

Execute the following script to use the Ruckus MIB files.

```
sh <sample_script>.sh <SZ IP address> <snmpcmd options>
```

### SNMP CMD Options

Refer to the OPTIONS section in <http://net-snmp.sourceforge.net/docs/man/snmpcmd.html>. For example, using SNMPv2 with read community *public* for controller with the IP address 172.17.1.2.

```
sh walk_ruckusCTRLApTable_sample.sh 172.17.1.2 -mall -v2c -c public
```

where -mall is an option required for these scripts or you may not be able to get the results.

## Tips for Writing Your Own Scripts

1. Use -Oe with snmpget/snmpwalk to output index(MAC address) in OID format.
2. snmpget can send 128 OIDs at a time.
3. Always get all OIDs of the same AP first, instead of OIDs for all APs.

4. AP related tables cache data for 15 seconds. This means that you may get the same result if you do not wait for cache timeout.
5. You can use NET-SNMP-AGENT-MIB::nsCacheStatus to check cache status of a table. If your system supports snmpset, you can also force it to clean cache via snmpset.
6. Be careful with the output format. Refer to OUTPUT OPTIONS link <http://net-snmp.sourceforge.net/docs/man/snmpcmd.html>



# Ruckus Event MIB

- Introduction.....47
- Ruckus Event Trap.....47
- Ruckus Event Object..... 177

## Introduction

The objects contained in the RUCKUS-SCG-EVENT-MIB group define the events for the controller to send trap event notifications.

**NOTE**

For details on alarms and events refer to *SmartZone Alarms and Events Guide*.

## Ruckus Event Trap

The following tables list the MIB, OID, and description of each object in the RUCKUS-EVENT group.

**NOTE**

The **Cleared by Matching** row contains the information that a user can use to clear the corresponding trap.

Trap Name	Object Identifier
<a href="#">ruckusSCGSystemMiscEventTrap</a> on page 53	.1.3.6.1.4.1.25053.2.10.1.1
<a href="#">ruckusSCGUpgradeSuccessTrap</a> on page 53	.1.3.6.1.4.1.25053.2.10.1.2
<a href="#">ruckusSCGUpgradeFailedTrap</a> on page 54	.1.3.6.1.4.1.25053.2.10.1.3
<a href="#">ruckusSCGNodeRestartedTrap</a> on page 54	.1.3.6.1.4.1.25053.2.10.1.4
<a href="#">ruckusSCGNodeShutdownTrap</a> on page 55	.1.3.6.1.4.1.25053.2.10.1.5
<a href="#">ruckusSCGCPUIUsageThresholdExceededTrap</a> on page 55	.1.3.6.1.4.1.25053.2.10.1.6
<a href="#">ruckusSCGMemoryUsageThresholdExceededTrap</a> on page 56	.1.3.6.1.4.1.25053.2.10.1.7
<a href="#">ruckusSCGDiskUsageThresholdExceededTrap</a> on page 56	.1.3.6.1.4.1.25053.2.10.1.8
<a href="#">ruckusSCGLicenseUsageThresholdExceededTrap</a> on page 57	.1.3.6.1.4.1.25053.2.10.1.19
<a href="#">ruckusSCGAPMiscEventTrap</a> on page 57	.1.3.6.1.4.1.25053.2.10.1.20
<a href="#">ruckusSCGAPConnectedTrap</a> on page 58	.1.3.6.1.4.1.25053.2.10.1.21
<a href="#">ruckusSCGAPDeletedTrap</a> on page 59	.1.3.6.1.4.1.25053.2.10.1.22
<a href="#">ruckusSCGAPDisconnectedTrap</a> on page 59	.1.3.6.1.4.1.25053.2.10.1.23
<a href="#">ruckusSCGAPLostHeartbeatTrap</a> on page 60	.1.3.6.1.4.1.25053.2.10.1.24
<a href="#">ruckusSCGAPRebootTrap</a> on page 61	.1.3.6.1.4.1.25053.2.10.1.25
<a href="#">ruckusSCGCriticalAPConnectedTrap</a> on page 61	.1.3.6.1.4.1.25053.2.10.1.26
<a href="#">ruckusSCGCriticalAPDisconnectedTrap</a> on page 62	.1.3.6.1.4.1.25053.2.10.1.27
<a href="#">ruckusSCGAPRejectedTrap</a> on page 63	.1.3.6.1.4.1.25053.2.10.1.28
<a href="#">ruckusSCGAPConfUpdateFailedTrap</a> on page 63	.1.3.6.1.4.1.25053.2.10.1.29
<a href="#">ruckusSCGAPConfUpdatedTrap</a> on page 64	.1.3.6.1.4.1.25053.2.10.1.30
<a href="#">ruckusSCGAPSwapOutModelDiffTrap</a> on page 65	.1.3.6.1.4.1.25053.2.10.1.31
<a href="#">ruckusSCGAPPreProvisionModelDiffTrap</a> on page 65	.1.3.6.1.4.1.25053.2.10.1.32

Trap Name	Object Identifier
<a href="#">ruckusSCGAPDiscoveryFailTrap</a> on page 66	.1.3.6.1.4.1.25053.2.10.1.33
<a href="#">ruckusSCGAPFirmwareUpdateFailedTrap</a> on page 67	.1.3.6.1.4.1.25053.2.10.1.34
<a href="#">ruckusSCGAPFirmwareUpdatedTrap</a> on page 67	.1.3.6.1.4.1.25053.2.10.1.35
<a href="#">ruckusSCGAPWlanOversubscribedTrap</a> on page 68	.1.3.6.1.4.1.25053.2.10.1.36
<a href="#">ruckusSCGAPFactoryResetTrap</a> on page 69	.1.3.6.1.4.1.25053.2.10.1.37
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<a href="#">ruckusSCGHipFailoverTrap</a> on page 131	.1.3.6.1.4.1.25053.2.10.1.306
<a href="#">ruckusSCGConfUpdFailedTrap</a> on page 131	.1.3.6.1.4.1.25053.2.10.1.307
<a href="#">ruckusSCGConfRcvFailedTrap</a> on page 132	.1.3.6.1.4.1.25053.2.10.1.308
<a href="#">ruckusSCGLostCnxnToDbladeTrap</a> on page 132	.1.3.6.1.4.1.25053.2.10.1.309
<a href="#">ruckusSCGGsnRestartedTrap</a> on page 133	.1.3.6.1.4.1.25053.2.10.1.310
<a href="#">ruckusSCGGsnNotReachableTrap</a> on page 134	.1.3.6.1.4.1.25053.2.10.1.311
<a href="#">ruckusSCGGsnNotResolvedTrap</a> on page 134	.1.3.6.1.4.1.25053.2.10.1.312
<a href="#">ruckusSCGUnknownUETrap</a> on page 134	.1.3.6.1.4.1.25053.2.10.1.313
<a href="#">ruckusSCGAuthSrvrNotReachableTrap</a> on page 135	.1.3.6.1.4.1.25053.2.10.1.314
<a href="#">ruckusSCGAccSrvrNotReachableTrap</a> on page 135	.1.3.6.1.4.1.25053.2.10.1.315
<a href="#">ruckusSCGUnknownRealmTrap</a> on page 136	.1.3.6.1.4.1.25053.2.10.1.316
<a href="#">ruckusSCGAuthFailedNonPermanentIDTrap</a> on page 136	.1.3.6.1.4.1.25053.2.10.1.317
<a href="#">ruckusSCGCnxnToCgffFailedTrap</a> on page 137	.1.3.6.1.4.1.25053.2.10.1.318
<a href="#">ruckusSCGCdrTransferFailedTrap</a> on page 137	.1.3.6.1.4.1.25053.2.10.1.319
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<a href="#">ruckusSCGDestNotRecheableTrap</a> on page 138	.1.3.6.1.4.1.25053.2.10.1.321
<a href="#">ruckusSCGAppServerDownTrap</a> on page 139	.1.3.6.1.4.1.25053.2.10.1.324
<a href="#">ruckusSCGAppServerInactiveTrap</a> on page 139	.1.3.6.1.4.1.25053.2.10.1.325
<a href="#">ruckusSCGAssocCantStartTrap</a> on page 140	.1.3.6.1.4.1.25053.2.10.1.326
<a href="#">ruckusSCGAssocDownTrap</a> on page 141	.1.3.6.1.4.1.25053.2.10.1.327
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<a href="#">ruckusSCGPdnGwVersionUnsupportedTrap</a> on page 143	.1.3.6.1.4.1.25053.2.10.1.332
<a href="#">ruckusSCGPdnGwAssociationDownTrap</a> on page 143	.1.3.6.1.4.1.25053.2.10.1.333
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<a href="#">ruckusSCGAPAcctUnknownRealmTrap</a> on page 149	.1.3.6.1.4.1.25053.2.10.1.345
<a href="#">ruckusSCGAPAcctMsgDecodeFailedTrap</a> on page 150	.1.3.6.1.4.1.25053.2.10.1.346
<a href="#">ruckusSCGAPAcctRespWhileInvalidConfigTrap</a> on page 150	.1.3.6.1.4.1.25053.2.10.1.347
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<a href="#">ruckusSCGSessUpdatedAtDbladeTrap</a> on page 153	.1.3.6.1.4.1.25053.2.10.1.354
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<a href="#">ruckusSCGSessDeletedAtDbladeTrap</a> on page 154	.1.3.6.1.4.1.25053.2.10.1.356
<a href="#">ruckusSCGSessDeleteErrAtDbladeTrap</a> on page 155	.1.3.6.1.4.1.25053.2.10.1.357
<a href="#">ruckusSCGLicenseSyncSuccessTrap</a> on page 156	.1.3.6.1.4.1.25053.2.10.1.358
<a href="#">ruckusSCGLicenseSyncFailedTrap</a> on page 156	.1.3.6.1.4.1.25053.2.10.1.359
<a href="#">ruckusSCGLicenseImportSuccessTrap</a> on page 156	.1.3.6.1.4.1.25053.2.10.1.360
<a href="#">ruckusSCGLicenseImportFailedTrap</a> on page 157	.1.3.6.1.4.1.25053.2.10.1.361
<a href="#">ruckusSCGSyslogServerReachableTrap</a> on page 157	.1.3.6.1.4.1.25053.2.10.1.370
<a href="#">ruckusSCGSyslogServerUnreachableTrap</a> on page 158	.1.3.6.1.4.1.25053.2.10.1.371
<a href="#">ruckusSCGSyslogServerSwitchedTrap</a> on page 158	.1.3.6.1.4.1.25053.2.10.1.372
<a href="#">ruckusSCGAPRadiusServerReachableTrap</a> on page 158	.1.3.6.1.4.1.25053.2.10.1.400
<a href="#">ruckusSCGAPRadiusServerUnreachableTrap</a> on page 159	.1.3.6.1.4.1.25053.2.10.1.401
<a href="#">ruckusSCGAPLDAPServerReachableTrap</a> on page 160	.1.3.6.1.4.1.25053.2.10.1.402
<a href="#">ruckusSCGAPLDAPServerUnreachableTrap</a> on page 160	.1.3.6.1.4.1.25053.2.10.1.403
<a href="#">ruckusSCGAPADServerReachableTrap</a> on page 161	.1.3.6.1.4.1.25053.2.10.1.404
<a href="#">ruckusSCGAPADServerUnreachableTrap</a> on page 162	.1.3.6.1.4.1.25053.2.10.1.405
<a href="#">ruckusSCGAPUsbSoftwarePackageDownloadedTrap</a> on page 163	.1.3.6.1.4.1.25053.2.10.1.406
<a href="#">ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap</a> on page 163	.1.3.6.1.4.1.25053.2.10.1.407
<a href="#">ruckusSCGEspAuthServerReachableTrap</a> on page 164	.1.3.6.1.4.1.25053.2.10.1.408
<a href="#">ruckusSCGEspAuthServerUnreachableTrap</a> on page 165	.1.3.6.1.4.1.25053.2.10.1.409
<a href="#">ruckusSCGEspAuthServerResolvableTrap</a> on page 165	.1.3.6.1.4.1.25053.2.10.1.410
<a href="#">ruckusSCGEspAuthServerUnResolvableTrap</a> on page 166	.1.3.6.1.4.1.25053.2.10.1.411
<a href="#">ruckusSCGEspDNATServerReachableTrap</a> on page 167	.1.3.6.1.4.1.25053.2.10.1.412
<a href="#">ruckusSCGEspDNATServerUnreachableTrap</a> on page 167	.1.3.6.1.4.1.25053.2.10.1.413
<a href="#">ruckusSCGEspDNATServerResolvableTrap</a> on page 168	.1.3.6.1.4.1.25053.2.10.1.414
<a href="#">ruckusSCGEspDNATServerUnresolvableTrap</a> on page 169	.1.3.6.1.4.1.25053.2.10.1.415
<a href="#">ruckusRateLimitTORSurpassedTrap</a> on page 169	.1.3.6.1.4.1.25053.2.10.1.500
<a href="#">ruckusSCGIPSecTunnelAssociatedTrap</a> on page 170	.1.3.6.1.4.1.25053.2.10.1.600
<a href="#">ruckusSCGIPSecTunnelDisassociatedTrap</a> on page 170	.1.3.6.1.4.1.25053.2.10.1.601
<a href="#">ruckusSCGIPSecTunnelAssociateFailedTrap</a> on page 171	.1.3.6.1.4.1.25053.2.10.1.602
<a href="#">ruckusSCGPmipProcessInitTrap</a> on page 172	.1.3.6.1.4.1.25053.2.10.1.700
<a href="#">ruckusSCGPmipUnavailableTrap</a> on page 172	.1.3.6.1.4.1.25053.2.10.1.701
<a href="#">ruckusSCGPmipUnallocatedMemoryTrap</a> on page 173	.1.3.6.1.4.1.25053.2.10.1.702
<a href="#">ruckusSCGPmipUpdateCgffailedTrap</a> on page 173	.1.3.6.1.4.1.25053.2.10.1.703
<a href="#">ruckusSCGPmipLMAIcmpUnreachableTrap</a> on page 173	.1.3.6.1.4.1.25053.2.10.1.704
<a href="#">ruckusSCGPmipLMAFailOverTrap</a> on page 174	.1.3.6.1.4.1.25053.2.10.1.705

Trap Name	Object Identifier
<a href="#">ruckusSCGPmipBindingFailureTrap</a> on page 174	.1.3.6.1.4.1.25053.2.10.1.706
<a href="#">ruckusSCGPmiplostCnxnToDHCPTrap</a> on page 175	.1.3.6.1.4.1.25053.2.10.1.707
<a href="#">ruckusSCGPmipLMAIcmpReachableTrap</a> on page 175	.1.3.6.1.4.1.25053.2.10.1.708
<a href="#">ruckusSCGPmipBindingSuccessTrap</a> on page 176	.1.3.6.1.4.1.25053.2.10.1.709
<a href="#">ruckusSCGPmipConnectedToDHCPTrap</a> on page 176	.1.3.6.1.4.1.25053.2.10.1.710
<a href="#">ruckusSCGPmipProcessStoppedTrap</a> on page 177	.1.3.6.1.4.1.25053.2.10.1.711

**NOTE**

Auto clearance of SNMP trap occurs when a trap is cleared by another trap. The **Cleared by SNMP Trap** row indicates the auto clearance information. All other traps are cleared manually. The **Cleared by Matching** row contains the information that a user can use to clear the corresponding trap.

## ruckusSCGSystemMiscEventTrap

**TABLE 4** ruckusSCGSystemMiscEventTrap

Object Name	ruckusSCGSystemMiscEventTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.1
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventDescription ruckusSCGEventCode
Description	Generic trap triggered by administrator specified miscellaneous event. The event severity, event type, event description and event code are displayed.
Generated by Event Code	Refer to <a href="#">SmartZone Event Traps</a> on page 353 - <a href="#">ruckusSCGSystemMiscEventTrap</a> on page 353

## ruckusSCGUpgradeSuccessTrap

**TABLE 5** ruckusSCGUpgradeSuccessTrap

Object Name	ruckusSCGUpgradeSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.2
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventFirmwareVersion ruckusSCGEventUpgradedFirmwareVersion ruckusSCGEventCode

**TABLE 5** ruckusSCGUpgradeSuccessTrap (continued)

Object Name	ruckusSCGUpgradeSuccessTrap
Description	Triggered by the controller upgrade success event. The event severity, event type, node name, MAC IP address, management IP address, firmware version, upgraded firmware version and event code are displayed.
Generated by Event Code	813:upgradeClusterNodeSuccess

## ruckusSCGUpgradeFailedTrap

**TABLE 6** ruckusSCGUpgradeFailedTrap

Object Name	ruckusSCGUpgradeFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.3
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventFirmwareVersion ruckusSCGEventUpgradedFirmwareVersion ruckusSCGEventCode
Description	Triggered by the controller upgrade failure event. The event severity, event type, firmware version, upgraded firmware version and event code are displayed.
Generated by Event Code	815:upgradeClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterUpgradeSuccessTrap</a> on page 103 (.1.3.6.1.4.1.25053.2.10.1.2.10).

## ruckusSCGNodeRestartedTrap

**TABLE 7** ruckusSCGNodeRestartedTrap

Object Name	ruckusSCGNodeRestartedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.4
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by the controller restart event. The event severity, event type, node name, MAC IP address, management IP address, restart reason and event code are displayed.
Generated by Event Code	826:nodeRebooted

## ruckusSCGNodeShutdownTrap

**TABLE 8** ruckusSCGNodeShutdownTrap

Object Name	ruckusSCGNodeShutdownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.5
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the controller shutdown event. The event severity, event type, node name, MAC IP address, management IP address and event code are displayed.
Generated by Event Code	828:nodeShutdown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodeRestartedTrap</a> on page 54 (.1.3.6.1.4.1.25053.2.10.1.4)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGCPUCPUUsageThresholdExceededTrap

**TABLE 9** ruckusSCGCPUCPUUsageThresholdExceededTrap

Object Name	ruckusSCGCPUCPUUsageThresholdExceededTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.6
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGCPUPerc ruckusSCGEventCode
Description	Triggered by the controller CPU threshold exceeded event. The usage percentage can be configured as 60% to 90%. This trap is sent if the usage percentage exceeds the configured threshold. Navigate to <b>Configuration &gt; SCG/vSZ-H System &gt; Event Threshold</b> to define CPU, threshold.  The event severity, event type, node name, MAC IP address, CPU usage percentage and the event code are displayed.
Generated by Event Code	950:cpuThresholdExceeded
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGCPUCPUUsageThresholdBackToNormalTrap</a> on page 72 (.1.3.6.1.4.1.25053.2.10.1.42)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGMemoryUsageThresholdExceededTrap

**TABLE 10** ruckusSCGMemoryUsageThresholdExceededTrap

Object Name	ruckusSCGMemoryUsageThresholdExceededTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.7
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGMemoryPerc ruckusSCGEventCode
Description	Triggered by the controller memory threshold exceeded event. The usage percentage can be configured as 60% to 90%. This trap will be sent if the usage percentage exceeds the configured threshold. Navigate to <b>Configuration &gt; SCG /vSZ-H System &gt; Event Threshold</b> to define memory usage threshold.  The event severity, event type, node name, MAC IP address, memory usage percent and event code are displayed.
Generated by Event Code	951:memoryThresholdExceeded
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGMemoryUsageThresholdBackToNormalTrap</a> on page 72 (.1.3.6.1.4.1.25053.2.10.1.43)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGDiskUsageThresholdExceededTrap

**TABLE 11** ruckusSCGDiskUsageThresholdExceededTrap

Object Name	ruckusSCGDiskUsageThresholdExceededTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.8
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGDiskPerc ruckusSCGEventCode
Description	Triggered when there is a controller disk usage threshold exceeded event. The usage percentage can be configured as 60% to 90%. This trap will be sent if the usage percentage exceeds the configured threshold. Navigate to <b>Configuration &gt; SCG/vSZ-H System &gt; Event Threshold</b> to define disk usage threshold.  The event severity, event type, node name, MAC IP address, disk usage percent and event code are displayed.
Generated by Event Code	952:diskUsageThresholdExceeded



**TABLE 11** ruckusSCGDiskUsageThresholdExceededTrap (continued)

Object Name	ruckusSCGDiskUsageThresholdExceededTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDiskUsageThresholdBackToNormalTrap</a> on page 73 (.1.3.6.1.4.1.25053.2.10.1.44)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGLicenseUsageThresholdExceededTrap

**TABLE 12** ruckusSCGLicenseUsageThresholdExceededTrap

Object Name	ruckusSCGLicenseUsageThresholdExceededTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.19
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGLicenseType ruckusSCGLicenseUsagePerc ruckusSCGEventCode
Description	Triggered by the controller license usage threshold exceeded event. This trap is sent if the license usage percentage reaches or exceeds 70%. The severity will be: <ul style="list-style-type: none"> <li>• Critical if the license usage percentage is &gt;=90%.</li> <li>• Major if the license usage percentage is &gt;=80 and &lt;90%</li> <li>• Informational, if the license usage percentage is &gt;= 70% and &lt;80%</li> </ul> The event severity, event type, license type, license usage percent and event code are displayed.
Generated by Event Code	960:licenseThresholdExceeded

## ruckusSCGAPMiscEventTrap

**TABLE 13** ruckusSCGAPMiscEventTrap

Object Name	ruckusSCGAPMiscEventTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.20

**TABLE 13** ruckusSCGAPMiscEventTrap (continued)

Object Name	ruckusSCGAPMiscEventTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventDescription ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Generic trap triggered by AP related miscellaneous event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP GPS coordinates, event description, AP description, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	Refer to <a href="#">SmartZone Event Traps</a> on page 353 - <a href="#">ruckusSCGAPMiscEventTrap</a> on page 354

## ruckusSCGAPConnectedTrap

**TABLE 14** ruckusSCGAPConnectedTrap

Object Name	ruckusSCGAPConnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.21
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the n AP connected event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event reason, event code and AP IPv6 address are displayed.

**TABLE 14** ruckusSCGAPConnectedTrap (continued)

Object Name	ruckusSCGAPConnectedTrap
Generated by Event Code	312:apConnected.

## ruckusSCGAPDeletedTrap

**TABLE 15** ruckusSCGAPDeletedTrap

Object Name	ruckusSCGAPDeletedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.22
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP deleted event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	313:apDeleted

## ruckusSCGAPDisconnectedTrap

**TABLE 16** ruckusSCGAPDisconnectedTrap

Object Name	ruckusSCGAPDisconnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.23
Trap Severity	Major

**TABLE 16** ruckusSCGAPDisconnectedTrap (continued)

Object Name	ruckusSCGAPDisconnectedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by AP connection lost event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	303:apConnectionLost
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPConnectedTrap</a> on page 58 (.1.3.6.1.4.1.25053.2.10.1.21) and <a href="#">ruckusSCGCriticalAPConnectedTrap</a> on page 61 (.1.3.6.1.4.1.25053.2.10.1.26)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPLostHeartbeatTrap

**TABLE 17** ruckusSCGAPLostHeartbeatTrap

Object Name	ruckusSCGAPLostHeartbeatTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.24
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the controller lost AP heart beat event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.

**TABLE 17** ruckusSCGAPLostHeartbeatTrap (continued)

Object Name	ruckusSCGAPLostHeartbeatTrap
Generated by Event Code	314:apHeartbeatLost
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPConnectedTrap</a> on page 58 (.1.3.6.1.4.1.25053.2.10.1.21) and <a href="#">ruckusSCGCriticalAPConnectedTrap</a> on page 61 (.1.3.6.1.4.1.25053.2.10.1.26)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPRebootTrap

**TABLE 18** ruckusSCGAPRebootTrap

Object Name	ruckusSCGAPRebootTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.25
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP reboot event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, reboot reason, event code and AP IPv6 address are displayed.
Generated by Event Code	301:apRebootByUser; 302:apRebootBySystem

## ruckusSCGCriticalAPConnectedTrap

**TABLE 19** ruckusSCGCriticalAPConnectedTrap

Object Name	ruckusSCGCriticalAPConnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.26
Trap Severity	Informational

**TABLE 19** ruckusSCGCriticalAPConnectedTrap (continued)

Object Name	ruckusSCGCriticalAPConnectedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by critical AP connected event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, join reason, event code and AP IPv6 address are displayed.
Generated by Event Code	312:apConnected

## ruckusSCGCriticalAPDisconnectedTrap

**TABLE 20** ruckusSCGCriticalAPDisconnectedTrap

Object Name	ruckusSCGCriticalAPDisconnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.27
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by critical AP connection lost event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	303:apConnectionLost

**TABLE 20** ruckusSCGCriticalAPDisconnectedTrap (continued)

Object Name	ruckusSCGCriticalAPDisconnectedTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGCriticalAPConnectedTrap</a> on page 61 (.1.3.6.1.4.1.25053.2.10.1.26)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPRejectedTrap

**TABLE 21** ruckusSCGAPRejectedTrap

Object Name	ruckusSCGAPRejectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.28
Trap Severity	Minor
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCtrlIP ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP rejected event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, controller control IP address, reject reason, event code and AP IPv6 address are displayed.
Generated by Event Code	105:apStatusRejected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPManagedTrap</a> on page 71 (.1.3.6.1.4.1.25053.2.10.1.41)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPConfUpdateFailedTrap

**TABLE 22** ruckusSCGAPConfUpdateFailedTrap

Object Name	ruckusSCGAPConfUpdateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.29
Trap Severity	Major

**TABLE 22** ruckusSCGAPConfUpdateFailedTrap (continued)

Object Name	ruckusSCGAPConfUpdateFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGAPConfigID ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP configuration update failed event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, configure ID, event code and AP IPv6 address are displayed.
Generated by Event Code	111:apConfUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPConfUpdatedTrap</a> on page 64 (.1.3.6.1.4.1.25053.2.10.1.30)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPConfUpdatedTrap

**TABLE 23** ruckusSCGAPConfUpdatedTrap

Object Name	ruckusSCGAPConfUpdatedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.30
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGAPConfigID ruckusSCGEventCode ruckusSCGEventAPIPv6



**TABLE 23** ruckusSCGAPConfUpdatedTrap (continued)

Object Name	ruckusSCGAPConfUpdatedTrap
Description	Triggered by AP configuration updated event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, configure ID and event code and AP IPv6 address are displayed.
Generated by Event Code	110:apConfUpdated

## ruckusSCGAPSwapOutModelDiffTrap

**TABLE 24** ruckusSCGAPSwapOutModelDiffTrap

Object Name	ruckusSCGAPSwapOutModelDiffTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.31
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGAPModel ruckusSCGConfigAPModel ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP model is different from the imported swap AP model. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, AP mode, configure AP model, event code and AP IPv6 address are displayed.
Generated by Event Code	113:apModelDiffWithSwapOutAP

## ruckusSCGAPPreProvisionModelDiffTrap

**TABLE 25** ruckusSCGAPPreProvisionModelDiffTrap

Object Name	ruckusSCGAPPreProvisionModelDiffTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.32
Trap Severity	Major

**TABLE 25** ruckusSCGAPPreProvisionModelDiffTrap (continued)

Object Name	ruckusSCGAPPreProvisionModelDiffTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGAPModel ruckusSCGConfigAPModel ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP model is different from imported pre-provision AP model. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, AP mode, configure AP model, event code and AP IPv6 address are displayed.
Generated by Event Code	112:apModelDiffWithPreProvConfig

## ruckusSCGAPDiscoveryFailTrap

**TABLE 26** ruckusSCGAPDiscoveryFailTrap

Object Name	ruckusSCGAPDiscoveryFailTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.33
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCtrlIP ruckusSCGEventCode ruckusSCGEventAPIPv6

**TABLE 26** ruckusSCGAPDiscoveryFailTrap (continued)

Object Name	ruckusSCGAPDiscoveryFailTrap
Description	Triggered by the AP discovery failed event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, controller control IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	102:apDiscoveryFail

## ruckusSCGAPFirmwareUpdateFailedTrap

**TABLE 27** ruckusSCGAPFirmwareUpdateFailedTrap

Object Name	ruckusSCGAPFirmwareUpdateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.34
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIIPv6
Description	Triggered by AP firmware update failed event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	107:apFirmwareUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPFirmwareUpdatedTrap</a> on page 67 (.1.3.6.1.4.1.25053.2.10.1.35)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPFirmwareUpdatedTrap

**TABLE 28** ruckusSCGAPFirmwareUpdatedTrap

Object Name	ruckusSCGAPFirmwareUpdatedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.35
Trap Severity	Informational

**TABLE 28** ruckusSCGAPFirmwareUpdatedTrap (continued)

Object Name	ruckusSCGAPFirmwareUpdatedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by AP firmware update success event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	106:apFirmwareUpdated

## ruckusSCGAPWlanOversubscribedTrap

**TABLE 29** ruckusSCGAPWlanOversubscribedTrap

Object Name	ruckusSCGAPWlanOversubscribedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.36
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode
Description	Triggered by AP WLAN mismatch event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name and event code are displayed.
Generated by Event Code	114:apWlanMismatched

## ruckusSCGAPFactoryResetTrap

**TABLE 30** ruckusSCGAPFactoryResetTrap

Object Name	ruckusSCGAPFactoryResetTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.37
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP factory reset event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPV6 address are displayed.
Generated by Event Code	305:apFactoryReset

## ruckusSCGCableModemDownTrap

**TABLE 31** ruckusSCGCableModemDownTrap

Object Name	ruckusSCGCableModemDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.38
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6

**TABLE 31** ruckusSCGCableModemDownTrap (continued)

Object Name	ruckusSCGCableModemDownTrap
Description	Triggered by the AP cable modem down event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	316:cableModemDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGCableModemUpTrap</a> on page 73 (.1.3.6.1.4.1.25053.2.10.1.45)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGCableModemRebootTrap

**TABLE 32** ruckusSCGCableModemRebootTrap

Object Name	ruckusSCGCableModemRebootTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.39
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when there is an AP cable modem reboot event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	318:cmRebootByUser

## ruckusSCGAPJoinZoneFailedTrap

**NOTE**

This trap is not applicable for vSZ-H.

**TABLE 33** ruckusSCGAPJoinZoneFailedTrap

Object Name	ruckusSCGAPJoinZoneFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.40
Trap Severity	Major

**TABLE 33** ruckusSCGAPJoinZoneFailedTrap (continued)

Object Name	ruckusSCGAPJoinZoneFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventTargetZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP failed to join the specified zone event. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, target zone name, failure reason, event code and AP IPv6 address are displayed.
Generated by Event Code	115:apJoinZoneFailed

## ruckusSCGAPManagedTrap

**TABLE 34** ruckusSCGAPManagedTrap

Object Name	ruckusSCGAPManagedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.41
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCtrlIP ruckusSCGEventCode
Description	Triggered when there is an AP managed event. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, control IP address and event code are displayed.

**TABLE 34** ruckusSCGAPManagedTrap (continued)

Object Name	ruckusSCGAPManagedTrap
Generated by Event Code	103:apStatusManaged

## ruckusSCGCPUUsageThresholdBackToNormalTrap

**TABLE 35** ruckusSCGCPUUsageThresholdBackToNormalTrap

Object Name	ruckusSCGCPUUsageThresholdBackToNormalTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.42
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGCPUPerc ruckusSCGEventCode
Description	Triggered by the controller CPU threshold back to normal event. The event severity, event type, event node name, MAC address, CPU threshold percentage and event code are displayed.
Generated by Event Code	953:cpuThresholdBackToNormal

## ruckusSCGMemoryUsageThresholdBackToNormalTrap

**TABLE 36** ruckusSCGMemoryUsageThresholdBackToNormalTrap

Object Name	ruckusSCGMemoryUsageThresholdBackToNormalTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.43
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGMemoryPerc ruckusSCGEventCode
Description	Triggered by the controller memory threshold back to normal event. The event severity, event type, event node name, MAC address, memory threshold percentage and event code are displayed.
Generated by Event Code	954:memoryThresholdBackToNormal



## ruckusSCGDiskUsageThresholdBackToNormalTrap

**TABLE 37** ruckusSCGDiskUsageThresholdBackToNormalTrap

Object Name	ruckusSCGDiskUsageThresholdBackToNormalTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.44
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGDiskPerc ruckusSCGEventCode
Description	Triggered by the controller disk threshold back to normal event. The event severity, event type, event node name, MAC address, disk usage percentage and event code are displayed.
Generated by Event Code	955:diskUsageThresholdBackToNormal

## ruckusSCGCableModemUpTrap

**TABLE 38** ruckusSCGCableModemUpTrap

Object Name	ruckusSCGCableModemUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.45
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP cable model modem UP event. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	325:cableModemUp

## ruckusSCGAPDiscoverySuccessTrap

**TABLE 39** ruckusSCGAPDiscoverySuccessTrap

Object Name	ruckusSCGAPDiscoverySuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.46
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCtrlIP ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP is discovered successfully. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event control IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	101:apDiscoverySuccess

## ruckusSCGCMResetByUserTrap

**TABLE 40** ruckusSCGCMResetByUserTrap

Object Name	ruckusSCGCMResetByUserTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.47
Trap Severity	Informational

**TABLE 40** ruckusSCGCMResetByUserTrap (continued)

Object Name	ruckusSCGCMResetByUserTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP cable modem starts a soft reboot triggered by the user. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event reason, event code and AP IPv6 address are displayed.
Generated by Event Code	326:cmResetByUser

## ruckusSCGCMResetFactoryByUserTrap

**TABLE 41** ruckusSCGCMResetFactoryByUserTrap

Object Name	ruckusSCGCMResetFactoryByUserTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.48
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP cable modem is set to factory default by the user. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event reason, event code and AP IPv6 address are displayed.

**TABLE 41** ruckusSCGCMResetFactoryByUserTrap (continued)

Object Name	ruckusSCGCMResetFactoryByUserTrap
Generated by Event Code	327:cmResetFactoryByUser

## ruckusSCGMaliciousRogueAPTimeoutTrap

**TABLE 42** ruckusSCGMaliciousRogueAPTimeoutTrap

Object Name	ruckusSCGMaliciousRogueAPTimeoutTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.54
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventRogueMac ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the rogue AP disappears. The event severity, event type, rogue AP MAC IP address, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IP v6 are displayed.
Generated by Event Code	185:maliciousRogueAPTimeout

## ruckusSCGAPLBSConnectSuccessTrap

**TABLE 43** ruckusSCGAPLBSConnectSuccessTrap

Object Name	ruckusSCGAPLBSConnectSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.55
Trap Severity	Informational

**TABLE 43** ruckusSCGAPLBSConnectSuccessTrap (continued)

Object Name	ruckusSCGAPLBSConnectSuccessTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP successfully connect to the LS event. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, LBS server URL, LBS port, event code and AP IPv6 address
Generated by Event Code	703:apLBSConnectSuccess

## ruckusSCGAPLBSNoResponsesTrap

**TABLE 44** ruckusSCGAPLBSNoResponsesTrap

Object Name	ruckusSCGAPLBSNoResponsesTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.56
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode ruckusSCGEventAPIPv6

**TABLE 44** ruckusSCGAPLBSNoResponsesTrap (continued)

Object Name	ruckusSCGAPLBSNoResponsesTrap
Description	Triggered when an event is raised since the LS fails to respond to the connecting AP. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, LBS server URL, LBS port, event code and AP IPv6 address.
Generated by Event Code	701:apLBSNoResponses

## ruckusSCGAPLBSAuthFailedTrap

**TABLE 45** ruckusSCGAPLBSAuthFailedTrap

Object Name	ruckusSCGAPLBSAuthFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.57
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the authentication failure event when the AP tries connecting to the LS. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, LBS server URL, LBS port, event code and AP IPv6 address.
Generated by Event Code	702:apLBSAuthFailed

## ruckusSCGAPLBSConnectFailedTrap

**TABLE 46** ruckusSCGAPLBSConnectFailedTrap

Object Name	ruckusSCGAPLBSConnectFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.58
Trap Severity	Major

**TABLE 46** ruckusSCGAPLBSConnectFailedTrap (continued)

Object Name	ruckusSCGAPLBSConnectFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	An event is raised when the AP fails in connecting to LS. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, LBS server URL, LBS port, event code and AP IPv6 address.
Generated by Event Code	704:apLBSConnectFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPLBSConnectSuccessTrap</a> on page 76 (.1.3.6.1.4.1.25053.2.10.1.55)
Cleared by Matching	ruckusSCGEventAPMacAddr(.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGGeneralRogueAPTrap

**TABLE 47** ruckusSCGGeneralRogueAPTrap

Object Name	ruckusSCGGeneralRogueAPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.59
Trap Severity	Warning

**TABLE 47** ruckusSCGGeneralRogueAPTrap (continued)

Object Name	ruckusSCGGeneralRogueAPTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventRogueMac ruckusSCGEventSSID ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP detects a rogue AP classified by policy event. The event severity, event type, rogue AP MAC IP address, ssid, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	186:generalRogueAPDetected

## ruckusSCGAPTunnelBuildFailedTrap

**TABLE 48** ruckusSCGAPTunnelBuildFailedTrap

Object Name	ruckusSCGAPTunnelBuildFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.60
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGDPIP ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6



**TABLE 48** ruckusSCGAPTunnelBuildFailedTrap (continued)

Object Name	ruckusSCGAPTunnelBuildFailedTrap
Description	Triggered by the AP build tunnel failed event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, controller DP IP address, failure reason, event code and AP IPv6 address are displayed.
Generated by Event Code	609:apBuildTunnelFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPTunnelBuildSuccessTrap</a> on page 81 (.1.3.6.1.4.1.25053.2.10.1.61)
Cleared by Matching	ruckusSCGEventAPMacAddr(.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPTunnelBuildSuccessTrap

**TABLE 49** ruckusSCGAPTunnelBuildSuccessTrap

Object Name	ruckusSCGAPTunnelBuildSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.61
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGDPIP ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP build tunnel success event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, controller DP IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	608:apBuildTunnelSuccess

## ruckusSCGAPTunnelDisconnectedTrap

**TABLE 50** ruckusSCGAPTunnelDisconnectedTrap

Object Name	ruckusSCGAPTunnelDisconnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.62
Trap Severity	Informational

**TABLE 50** ruckusSCGAPTunnelDisconnectedTrap (continued)

Object Name	ruckusSCGAPTunnelDisconnectedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGDPIP ruckusSCGEventReason ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP tunnel disconnected event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, controller DP IP address, failure reason, event code and AP IPv6 address are displayed.
Generated by Event Code	610:apTunnelDisconnected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPTunnelBuildSuccessTrap</a> on page 81 (.1.3.6.1.4.1.25053.2.10.1.61)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPSoftGRETunnelFailoverPtoSTrap

**TABLE 51** ruckusSCGAPSoftGRETunnelFailoverPtoSTrap

Object Name	ruckusSCGAPSoftGRETunnelFailoverPtoSTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.65
Trap Severity	Warning

**TABLE 51** ruckusSCGAPSoftGRETunnelFailoverPtoSTrap (continued)

Object Name	ruckusSCGAPSoftGRETunnelFailoverPtoSTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusPrimaryGRE ruckusSecondaryGRE ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the AP SoftGRE tunnel failing over from the primary server to the secondary server event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, primary GRE gateway, secondary GRE gateway, event code and AP IPv6 address are displayed.
Generated by Event Code	611:apSoftGRETunnelFailoverPtoS
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPSoftGREGatewayReachableTrap</a> on page 85 (.1.3.6.1.4.1.25053.2.10.1.68)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPSoftGRETunnelFailoverStoPTrap

**TABLE 52** ruckusSCGAPSoftGRETunnelFailoverStoPTrap

Object Name	ruckusSCGAPSoftGRETunnelFailoverStoPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.66
Trap Severity	Warning

**TABLE 52** ruckusSCGAPSoftGREtunnelFailoverStoPTrap (continued)

Object Name	ruckusSCGAPSoftGREtunnelFailoverStoPTrap
Bindings	<p>ruckusSCGEventSeverity</p> <p>ruckusSCGEventType</p> <p>ruckusSCGEventAPName</p> <p>ruckusSCGEventAPMacAddr</p> <p>ruckusSCGEventAPIP</p> <p>ruckusSCGEventAPLocation</p> <p>ruckusSCGEventAPDescription</p> <p>ruckusSCGEventAPGPSCoordinates</p> <p>ruckusSCGEventZoneName</p> <p>ruckusPrimaryGRE</p> <p>ruckusSecondaryGRE</p> <p>ruckusSCGEventCode</p> <p>ruckusSCGEventAPIPv6</p>
Description	Triggered by the AP SoftGRE tunnel failing over from the secondary server to the primary secondary event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, primary GRE gateway, secondary GRE gateway, event code and AP IPv6 address are displayed.
Generated by Event Code	612:apSoftGREtunnelFailoverStoP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPSoftGREGatewayReachableTrap</a> on page 85 (.1.3.6.1.4.1.25053.2.10.1.68)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPSoftGREGatewayNotReachableTrap

**TABLE 53** ruckusSCGAPSoftGREGatewayNotReachableTrap

Object Name	ruckusSCGAPSoftGREGatewayNotReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.67
Trap Severity	Critical

**TABLE 53** ruckusSCGAPSoftGREGatewayNotReachableTrap (continued)

Object Name	ruckusSCGAPSoftGREGatewayNotReachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSoftGREGatewayList ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered when the AP cannot ping/reach the SoftGRE gateway. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, soft GRE gateway list, event code and AP IPv6 address are displayed.
Generated by Event Code	614:apSoftGREGatewayNotReachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPSoftGREGatewayReachableTrap</a> on page 85 (.1.3.6.1.4.1.25053.2.10.1.68)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGAPSoftGREGatewayReachableTrap

**TABLE 54** ruckusSCGAPSoftGREGatewayReachableTrap

Object Name	ruckusSCGAPSoftGREGatewayNotReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.68
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGSoftGREGWAddress ruckusSCGEventCode

**TABLE 54** ruckusSCGAPSoftGREGatewayReachableTrap (continued)

Object Name	ruckusSCGAPSoftGREGatewayNotReachableTrap
Description	Triggered when there is an AP SoftGRE gateway reachable event. The event severity, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, soft GRE gateway address and event code are displayed.
Generated by Event Code	613:apSoftGREGatewayReachable

## ruckusSCGDPConfUpdateFailedTrap

**TABLE 55** ruckusSCGDPConfUpdateFailedTrap

Object Name	ruckusSCGDPConfUpdateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.70
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGDPConfigID ruckusSCGEventCode
Description	Triggered by the data plane configuration update failed event. The data plane can get the updated configuration settings from the control plane, but cannot apply the updated configuration changes. The event severity, event type, data plane identifier, configuration UUID and event code are displayed.
Generated by Event Code	505:dpConfUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPConfUpdatedTrap</a> on page 89 (.1.3.6.1.4.1.25053.2.10.1.78)
Cleared by Matching	ruckusSCGDPKey(.1.3.6.1.4.1.25053.2.10.2.80.0)

## ruckusSCGDPLostHeartbeatTrap

**TABLE 56** ruckusSCGDPLostHeartbeatTrap

Object Name	ruckusSCGDPLostHeartbeatTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.71
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the data plane lost heart beat event. The event severity, event type, data plane identifier, and event code are displayed.
Generated by Event Code	507:dpLostConnection
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPConfUpdatedTrap</a> on page 88 (.1.3.6.1.4.1.25053.2.10.1.76)

**TABLE 56** ruckusSCGDPLostHeartbeatTrap (continued)

Object Name	ruckusSCGDPLostHeartbeatTrap
Cleared by Matching	ruckusSCGDPPKey(.1.3.6.1.4.1.25053.2.10.2.80.0)

## ruckusSCGDPPDisconnectedTrap

**TABLE 57** ruckusSCGDPPDisconnectedTrap

Object Name	ruckusSCGDPPDisconnectedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.72
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPPKey ruckusSCGEventCtrlIP ruckusSCGEventCode
Description	Triggered by the data plane disconnected event. The event severity, event code, event type, data plane identifier, controller control IP address and event code are displayed.
Generated by Event Code	513:dpDisconnected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPPConnectedTrap</a> on page 88 (.1.3.6.1.4.1.25053.2.10.1.76)
Cleared by Matching	ruckusSCGDPPKey (.1.3.6.1.4.1.25053.2.10.2.80.0)

## ruckusSCGDPPPhyInterfaceDownTrap

**TABLE 58** ruckusSCGDPPPhyInterfaceDownTrap

Object Name	ruckusSCGDPPPhyInterfaceDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.73
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPPKey ruckusSCGNetworkPortID ruckusSCGEventCode
Description	Triggered by the data plane physical interface detected as down event. The event severity, event type, data plane identifier, network port ID and event code are displayed.
Generated by Event Code	514:dpPhyInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPPPhyInterfaceUpTrap</a> on page 89 (.1.3.6.1.4.1.25053.2.10.1.77).
Cleared by Matching	ruckusSCGDPPKey (.1.3.6.1.4.1.25053.2.10.2.80.0) ruckusSCGNetworkPortID (.1.3.6.1.4.1.25053.2.10.2.100.0)

## ruckusSCGDPStatusUpdateFailedTrap

**TABLE 59** ruckusSCGDPStatusUpdateFailedTrap

Object Name	ruckusSCGDPStatusUpdateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.74
Trap Severity	Minor
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the data plane status update failed event. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	510:dpUpdateStatusFailed

## ruckusSCGDPStatisticUpdateFailedTrap

**TABLE 60** ruckusSCGDPStatisticUpdateFailedTrap

Object Name	ruckusSCGDPStatisticUpdateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.75
Trap Severity	Minor
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the data plane update statistics failed event. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	511:dpUpdateStatisticFailed

## ruckusSCGDPCONNECTEDTrap

**TABLE 61** ruckusSCGDPCONNECTEDTrap

Object Name	ruckusSCGDPCONNECTEDTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.76
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCtrlIP ruckusSCGEventCode



**TABLE 61** ruckusSCGDPConectedTrap (continued)

Object Name	ruckusSCGDPConectedTrap
Description	Triggered by the data plane connected event. The event severity, event type, data plane identifier, controller control IP and event code are displayed.
Generated by Event Code	512:dpConnected

## ruckusSCGDPPhyInterfaceUpTrap

**TABLE 62** ruckusSCGDPPhyInterfaceUpTrap

Object Name	ruckusSCGDPPhyInterfaceUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.77
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGNetworkPortID ruckusSCGEventCode
Description	Triggered by the data plane physical interface up event. The event severity, event type, data plane identifier, controller network port ID and event code are displayed.
Generated by Event Code	515:dpPhyInterfaceUp

## ruckusSCGDPConfUpdatedTrap

**TABLE 63** ruckusSCGDPConfUpdatedTrap

Object Name	ruckusSCGDPConfUpdatedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.78
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGDPConfigID ruckusSCGEventCode
Description	Triggered by the data plane configuration updated event. The event severity, event type, data plane identifier, configuration UUID and event code are displayed.
Generated by Event Code	504:dpConfUpdated

## ruckusSCGDP TunnelTearDownTrap

**TABLE 64** ruckusSCGDP TunnelTearDownTrap

Object Name	ruckusSCGDP TunnelTearDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.79
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventAPMacAddr ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by the data plane tunnel tear down event. The event severity, event type, data plane identifier, AP MAC IP address, event reason and event code are displayed.
Generated by Event Code	603:dpTearDownTunnel
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDP TunnelSetUpTrap</a> on page 92 (.1.3.6.1.4.1.25053.2.10.1.85)
Cleared by Matching	ruckusSCGDPKey (.1.3.6.1.4.1.25053.2.10.2.80.0) ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGDP RebootTrap

**NOTE**

This trap is not applicable for vSZ-H.

**TABLE 65** ruckusSCGDP RebootTrap

Object Name	ruckusSCGDP RebootTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.80
Trap Severity	Minor
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the data plane reboot event. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	506:dpReboot

## ruckusSCGDP AcceptTunnelRequestTrap

**TABLE 66** ruckusSCGDP AcceptTunnelRequestTrap

Object Name	ruckusSCGDP AcceptTunnelRequestTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 66** ruckusSCGDPAcceptTunnelRequestTrap (continued)

Object Name	ruckusSCGDPAcceptTunnelRequestTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.81
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventAPMacAddr ruckusSCGEventCode
Description	Triggered by the event where the data plane accepts a tunnel request from AP. The event severity, event type, data plane identifier, MAC address and event code are displayed.
Generated by Event Code	601:dpAcceptTunnelRequest

## ruckusSCGDPrejectTunnelRequestTrap

**TABLE 67** ruckusSCGDPrejectTunnelRequestTrap

Object Name	ruckusSCGDPrejectTunnelRequestTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.82
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventAPMacAddr ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by the event where the data plane rejects the tunnel request from AP. The event severity, event type, data plane identifier, MAC address, event reason and event code are displayed.
Generated by Event Code	602:dpRejectTunnelRequest

## ruckusSCGDPSgreGWUnreachableTrap

**TABLE 68** ruckusSCGDPSgreGWUnreachableTrap

Object Name	ruckusSCGDPSgreGWUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.83
Trap Severity	Informational

**TABLE 68** ruckusSCGDPSgreGWUnreachableTrap (continued)

Object Name	ruckusSCGDPSgreGWUnreachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGSoftGREGWAddress ruckusSCGEventCode
Description	Triggered by the event where the data plane detects that the core network gateway is not reachable. The event severity, event type, data plane identifier, SoftGRE IP address and event code are displayed.
Generated by Event Code	615:dpSgreGWUnreachable

## ruckusSCGDPSgreGWReachableTrap

**TABLE 69** ruckusSCGDPSgreGWReachableTrap

Object Name	ruckusSCGDPSgreGWReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.84
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGSoftGREGWAddress ruckusSCGEventCode
Description	Triggered by the event where the data plane detects that the core network gateway is reachable. The event severity, event type, data plane identifier, SoftGRE IP address and event code are displayed.
Generated by Event Code	624:dpSgreGWReachable

## ruckusSCGDPTunnelSetUpTrap

**NOTE**

This trap is not applicable for vSZ-H.

**TABLE 70** ruckusSCGDPTunnelSetUpTrap

Object Name	ruckusSCGDPTunnelSetUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.85
Trap Severity	Informational

**TABLE 70** ruckusSCGDPTunnelSetUpTrap (continued)

Object Name	ruckusSCGDPTunnelSetUpTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventAPMacAddr ruckusSCGEventCode
Description	Triggered by data plane tunnel set up event. The event severity, event type, data plane identifier, AP MAC address and event code are displayed.
Generated by Event Code	627:dpSetUpTunnel

## ruckusSCGDPDiscoverySuccessTrap

**TABLE 71** ruckusSCGDPDiscoverySuccessTrap

Object Name	ruckusSCGDPDiscoverySuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.86
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCtrlIP ruckusSCGEventCode
Description	Triggered by the event where the data plane is successfully discovered. The event severity, event type, data plane identifier, controller event IP address and event code are displayed.
Generated by Event Code	501:dpDiscoverySuccess

## ruckusSCGDPDiscoveryFailTrap

**TABLE 72** ruckusSCGDPDiscoveryFailTrap

Object Name	ruckusSCGDPDiscoveryFailTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.87
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCtrlIP ruckusSCGEventCode
Description	Triggered by the event where it fails to discover the data plane. The event severity, event type, data plane identifier, controller event IP address and event code are displayed.

**TABLE 72** ruckusSCGDPSDiscoveryFailTrap (continued)

Object Name	ruckusSCGDPSDiscoveryFailTrap
Generated by Event Code	502:dpDiscoveryFail

## ruckusSCGDPSgreGWInactTrap

**TABLE 73** ruckusSCGDPSgreGWInactTrap

Object Name	ruckusSCGDPSgreGWInactTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.88
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGSoftGREGWAddress ruckusSCGEventCode
Description	Triggered by the event where the data plane fails to detect that the core network gateway is inactive. The event severity, event type, data plane identifier, SoftGRE GW IP address and event code are displayed.
Generated by Event Code	617:dpSgreGWInact

## ruckusSCGDPSgreGWActTrap

**TABLE 74** ruckusSCGDPSgreGWActTrap

Object Name	ruckusSCGDPSgreGWActTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.89
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGSoftGREGWAddress ruckusSCGEventCode
Description	Triggered by the event where the data plane detect that the core network gateway is active. The event severity, event type, data plane identifier, SoftGRE GW IP address and event code are displayed.
Generated by Event Code	625:dpSgreGWAct

## ruckusSCGDPPktPoolLowTrap

**TABLE 75** ruckusSCGDPPktPoolLowTrap

Object Name	ruckusSCGDPPktPoolLowTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 75** ruckusSCGDPPktPoolLowTrap (continued)

Object Name	ruckusSCGDPPktPoolLowTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.90
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPPKey ruckusSCGDPPacketPoolID ruckusSCGEventCode
Description	Triggered by the event where the data core packet pool is below the low water mark. The event severity, event type, data plane identifier, controller data plane packet pool identifier and event code are displayed.
Generated by Event Code	516:dpPktPoolLow
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPPktPoolRecoverTrap</a> on page 95 (.1.3.6.1.4.1.25053.2.10.1.92)
Cleared by Matching	ruckusSCGDPPKey (.1.3.6.1.4.1.25053.2.10.2.80.0) ruckusSCGDPPacketPoolID (.1.3.6.1.4.1.25053.2.10.2.83.0)

## ruckusSCGDPPktPoolCriticalLowTrap

**TABLE 76** ruckusSCGDPPktPoolCriticalLowTrap

Object Name	ruckusSCGDPPktPoolCriticalLowTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.91
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPPKey ruckusSCGDPPacketPoolID ruckusSCGEventCode
Description	Triggered by the event where the data core packet pool is below the critical low water threshold mark. The event severity, event type, data plane identifier, controller data plane packet pool ID and event code are displayed.
Generated by Event Code	517:dpPktPoolCriticalLow

## ruckusSCGDPPktPoolRecoverTrap

**TABLE 77** ruckusSCGDPPktPoolRecoverTrap

Object Name	ruckusSCGDPPktPoolRecoverTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.92
Trap Severity	Informational

**TABLE 77** ruckusSCGDPPktPoolRecoverTrap (continued)

Object Name	ruckusSCGDPPktPoolRecoverTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGDPPacketPoolID ruckusSCGEventCode
Description	Triggered by the event where the data core packet pool is above the high water threshold mark. The event severity, event type, data plane identifier, controller data plane packet pool ID and event code are displayed.
Generated by Event Code	518:dpPktPoolRecover

## ruckusSCGDPCoreDeadTrap

**TABLE 78** ruckusSCGDPCoreDeadTrap

Object Name	ruckusSCGDPCoreDeadTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.93
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event where there are one or multiple data core packets that are dropped / dead. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	519:dpCoreDead

## ruckusSCGDPDeletedTrap

**TABLE 79** ruckusSCGDPDeletedTrap

Object Name	ruckusSCGDPDeletedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.94
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event where data plane is deleted. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	537:dpDeleted



## ruckusSCGDPUpgradeStartTrap

**TABLE 80** ruckusSCGDPUpgradeStartTrap

Object Name	ruckusSCGDPUpgradeStartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.95
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event of data plane starting the upgrade process. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	550:dpUpgradeStart

## ruckusSCGDPUpgradingTrap

**TABLE 81** ruckusSCGDPUpgradingTrap

Object Name	ruckusSCGDPUpgradingTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.96
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event when data plane starts the upgrade program and configuration. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	551:dpUpgrading

## ruckusSCGDPUpgradeSuccessTrap

**TABLE 82** ruckusSCGDPUpgradeSuccessTrap

Object Name	ruckusSCGDPUpgradeSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.97
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event of data plane upgrade being successful. The event severity, event type, data plane identifier and event code are displayed.

**TABLE 82** ruckusSCGDPUpgradeSuccessTrap (continued)

Object Name	ruckusSCGDPUpgradeSuccessTrap
Generated by Event Code	552:dpUpgradeSuccess

## ruckusSCGDPUpgradeFailedTrap

**TABLE 83** ruckusSCGDPUpgradeFailedTrap

Object Name	ruckusSCGDPUpgradeFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.98
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDPKey ruckusSCGEventCode
Description	Triggered by the event of data plane upgrade failing. The event severity, event type, data plane identifier and event code are displayed.
Generated by Event Code	553:dpUpgradeFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDPUpgradeSuccessTrap</a> on page 97 (.1.3.6.1.4.1.25053.2.10.1.97)
Cleared by Matching	ruckusSCGDPKey (.1.3.6.1.4.1.25053.2.10.2.80.0)

## ruckusSCGClientMiscEventTrap

**TABLE 84** ruckusSCGClientMiscEventTrap

Object Name	ruckusSCGClientMiscEventTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.100
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventClientMacAddr ruckusSCGEventDescription ruckusSCGEventCode
Description	Generic trap triggered by specified client related miscellaneous event. The event severity, event type, client MAC address, event description and event code are displayed.
Generated by Event Code	Refer to appendix <a href="#">SmartZone Event Traps</a> on page 353 - <a href="#">ruckusSCGClientMiscEventTrap</a> on page 355

## ruckusSCGNodeJoinFailedTrap

**TABLE 85** ruckusSCGNodeJoinFailedTrap

Object Name	ruckusSCGNodeJoinFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.200
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by new node failing to join event. The event severity, event type, node name, node MAC IP address, cluster name and event code are displayed.
Generated by Event Code	803:newNodeJoinFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodeJoinSuccessTrap</a> on page 106 (.1.3.6.1.4.1.25053.2.10.1.218)
Cleared by Matching	ruckusSCGEventMacAddr(.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGNodeRemoveFailedTrap

**TABLE 86** ruckusSCGNodeRemoveFailedTrap

Object Name	ruckusSCGNodeRemoveFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.201
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by remove node failed event. The event severity, event type, node name, node MAC IP address, cluster name and event code are displayed.
Generated by Event Code	805:removeNodeFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodeRemoveSuccessTrap</a> on page 106 (.1.3.6.1.4.1.25053.2.10.1.220)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGNodeOutOfServiceTrap

**TABLE 87** ruckusSCGNodeOutOfServiceTrap

Object Name	ruckusSCGNodeOutOfServiceTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.202
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by node out of service event. The event severity, event type, node name, node MAC IP address, cluster name and event code are displayed.
Generated by Event Code	806:nodeOutOfService
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodeBackToInServiceTrap</a> on page 107 (.1.3.6.1.4.1.25053.2.10.1.222)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGClusterInMaintenanceStateTrap

**TABLE 88** ruckusSCGClusterInMaintenanceStateTrap

Object Name	ruckusSCGClusterInMaintenanceStateTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.203
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered when a cluster is put into maintenance state event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	807:clusterInMaintenanceState
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterBackToInServiceTrap</a> on page 105 (.1.3.6.1.4.1.25053.2.10.1.216)

## ruckusSCGClusterBackupFailedTrap

**TABLE 89** ruckusSCGClusterBackupFailedTrap

Object Name	ruckusSCGClusterBackupFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.204

**TABLE 89** ruckusSCGClusterBackupFailedTrap (continued)

Object Name	ruckusSCGClusterBackupFailedTrap
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered when a cluster failed to create a backup event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	810:backupClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGBackupClusterSuccessTrap</a> on page 105 (.1.3.6.1.4.1.25053.2.10.1.217)

## ruckusSCGClusterRestoreFailedTrap

**TABLE 90** ruckusSCGClusterRestoreFailedTrap

Object Name	ruckusSCGClusterRestoreFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.205
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered when a cluster failed to restore a backup event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	812:restoreClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterRestoreSuccessTrap</a> on page 107 (.1.3.6.1.4.1.25053.2.10.1.221)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGClusterAppStoppedTrap

**TABLE 91** ruckusSCGClusterAppStoppedTrap

Object Name	ruckusSCGClusterAppStoppedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.206
Trap Severity	Critical

**TABLE 91** ruckusSCGClusterAppStoppedTrap (continued)

Object Name	ruckusSCGClusterAppStoppedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessName ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when an application has stopped running/functioning. The event severity, event type, application name, controller node name, node MAC IP address and event code are displayed.
Generated by Event Code	816:clusterAppStop
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterAppStartTrap</a> on page 106 (.1.3.6.1.4.1.25053.2.10.1.219)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGProcessName (.1.3.6.1.4.1.25053.2.10.2.11.0)

## ruckusSCGNodeBondInterfaceDownTrap

**TABLE 92** ruckusSCGNodeBondInterfaceDownTrap

Object Name	ruckusSCGNodeBondInterfaceDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.207
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGNetworkInterface ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by node bond interface down event. The event severity, event type, network interface, controller node name, node MAC IP address and event code are displayed.
Generated by Event Code	821:nodeBondInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodeBondInterfaceUpTrap</a> on page 104 (.1.3.6.1.4.1.25053.2.10.1.211)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGNetworkInterface (.1.3.6.1.4.1.25053.2.10.2.101.0)

## ruckusSCGNodePhyInterfaceDownTrap

**TABLE 93** ruckusSCGNodePhyInterfaceDownTrap

Object Name	ruckusSCGNodePhyInterfaceDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 93** ruckusSCGNodePhyInterfaceDownTrap (continued)

Object Name	ruckusSCGNodePhyInterfaceDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.208
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGNetworkInterface ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by node physical interface down event. The event severity, event type, network interface, controller node name, node MAC IP address and event code are displayed.
Generated by Event Code	824:nodePhyInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGNodePhyInterfaceUpTrap</a> on page 104 (.1.3.6.1.4.1.25053.2.10.1.212)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGNetworkInterface (.1.3.6.1.4.1.25053.2.10.2.101.0)

## ruckusSCGClusterLeaderChangedTrap

**TABLE 94** ruckusSCGClusterLeaderChangedTrap

Object Name	ruckusSCGClusterLeaderChangedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.209
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by cluster leader changed event. The event severity, event type, controller node name, node MAC address, cluster name and event code are displayed.
Generated by Event Code	820:clusterLeaderChanged

## ruckusSCGClusterUpgradeSuccessTrap

**TABLE 95** ruckusSCGClusterUpgradeSuccessTrap

Object Name	ruckusSCGClusterUpgradeSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.210
Trap Severity	Informational

**TABLE 95** ruckusSCGClusterUpgradeSuccessTrap (continued)

Object Name	ruckusSCGClusterUpgradeSuccessTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventFirmwareVersion ruckusSCGEventUpgradedFirmwareVersion ruckusSCGEventCode
Description	Triggered when the entire cluster has been successfully upgraded. The event severity, event type, cluster name, firmware version, upgraded firmware version and event code are displayed.
Generated by Event Code	814:upgradeEntireClusterSuccess

## ruckusSCGNodeBondInterfaceUpTrap

**TABLE 96** ruckusSCGNodeBondInterfaceUpTrap

Object Name	ruckusSCGNodeBondInterfaceUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.211
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGNetworkInterface ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by node bond interface up event. The event severity, event type, network interface, controller node name, controller MAC IP address and event code are displayed.
Generated by Event Code	822:nodeBondInterfaceUp

## ruckusSCGNodePhyInterfaceUpTrap

**TABLE 97** ruckusSCGNodePhyInterfaceUpTrap

Object Name	ruckusSCGNodePhyInterfaceUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.212
Trap Severity	Informational



**TABLE 97** ruckusSCGNodePhyInterfaceUpTrap (continued)

Object Name	ruckusSCGNodePhyInterfaceUpTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGNetworkInterface ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by node physical interface up event. The event severity, event type, network interface, controller node name, controller MAC IP address and event code are displayed.
Generated by Event Code	825:nodePhyInterfaceUp

## ruckusSCGClusterBackToInServiceTrap

**TABLE 98** ruckusSCGClusterBackToInServiceTrap

Object Name	ruckusSCGClusterBackToInServiceTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.216
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGNetworkInterface ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when a cluster is back in service. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	808:clusterBackToInService

## ruckusSCGBackupClusterSuccessTrap

**TABLE 99** ruckusSCGBackupClusterSuccessTrap

Object Name	ruckusSCGBackupClusterSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.217
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by backup cluster success event. The event severity, event type, cluster name and event code are displayed.

**TABLE 99** ruckusSCGBackupClusterSuccessTrap (continued)

Object Name	ruckusSCGBackupClusterSuccessTrap
Generated by Event Code	809:backupClusterSuccess

## ruckusSCGNodeJoinSuccessTrap

**TABLE 100** ruckusSCGNodeJoinSuccessTrap

Object Name	ruckusSCGNodeJoinSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.218
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by new node join success event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	802:newNodeJoinSuccess

## ruckusSCGClusterAppStartTrap

**TABLE 101** ruckusSCGClusterAppStartTrap

Object Name	ruckusSCGClusterAppStartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.219
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessName ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when a cluster application starts. The event severity, event type, application name, controller node name, node MAC address and event code are displayed.
Generated by Event Code	817:clusterAppStart

## ruckusSCGNodeRemoveSuccessTrap

**TABLE 102** ruckusSCGNodeRemoveSuccessTrap

Object Name	ruckusSCGNodeRemoveSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.220

**TABLE 102** ruckusSCGNodeRemoveSuccessTrap (continued)

Object Name	ruckusSCGNodeRemoveSuccessTrap
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by successful removal of a node. The event severity, event type, controller node name, node MAC address, cluster name and event code are displayed.
Generated by Event Code	804:removeNodeSuccess

## ruckusSCGClusterRestoreSuccessTrap

**TABLE 103** ruckusSCGClusterRestoreSuccessTrap

Object Name	ruckusSCGClusterRestoreSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.221
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered when a cluster has been successfully restored. The event severity, event type, controller node name, node MAC address, cluster name and event code are displayed.
Generated by Event Code	811:restoreClusterSuccess

## ruckusSCGNodeBackToInServiceTrap

**TABLE 104** ruckusSCGNodeBackToInServiceTrap

Object Name	ruckusSCGNodeBackToInServiceTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.222
Trap Severity	Informational

**TABLE 104** ruckusSCGNodeBackToInServiceTrap (continued)

Object Name	ruckusSCGNodeBackToInServiceTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by node back to in service event. The event severity, event type, controller node name, node MAC address, cluster name and event code are displayed.
Generated by Event Code	835:nodeBackToInService

## ruckusSCGSshTunnelSwitchedTrap

**TABLE 105** ruckusSCGSshTunnelSwitchedTrap

Object Name	ruckusSCGSshTunnelSwitchedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.223
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventMacAddr ruckusSCGClusterName ruckusSCGSwitchStatus ruckusSCGEventCode
Description	Triggered by SSH tunnel switched event. The event severity, event type, controller node name, node MAC address, cluster name, switch status and event code are displayed.
Generated by Event Code	833:sshTunnelSwitched

## ruckusSCGClusterCfgBackupStartTrap

**TABLE 106** ruckusSCGClusterCfgBackupStartTrap

Object Name	ruckusSCGClusterCfgBackupStartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.224
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode

**TABLE 106** ruckusSCGClusterCfgBackupStartTrap (continued)

Object Name	ruckusSCGClusterCfgBackupStartTrap
Description	Triggered by configuration backup start event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	860:clusterCfgBackupStart

## ruckusSCGClusterCfgBackupSuccessTrap

**TABLE 107** ruckusSCGClusterCfgBackupSuccessTrap

Object Name	ruckusSCGClusterCfgBackupSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.225
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by successful configuration backup event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	861:clusterCfgBackupSuccess

## ruckusSCGClusterCfgBackupFailedTrap

**TABLE 108** ruckusSCGClusterCfgBackupFailedTrap

Object Name	ruckusSCGClusterCfgBackupFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.226
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by failed configuration backup event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	862:clusterCfgBackupFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterCfgBackupSuccessTrap</a> on page 109 (.1.3.6.1.4.1.25053.2.10.1.225)

## ruckusSCGClusterCfgRestoreSuccessTrap

**TABLE 109** ruckusSCGClusterCfgRestoreSuccessTrap

Object Name	ruckusSCGClusterCfgRestoreSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 109** ruckusSCGClusterCfgRestoreSuccessTrap (continued)

Object Name	ruckusSCGClusterCfgRestoreSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.227
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by successful configuration restoration event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	863:clusterCfgRestoreSuccess

## ruckusSCGClusterCfgRestoreFailedTrap

**TABLE 110** ruckusSCGClusterCfgRestoreFailedTrap

Object Name	ruckusSCGClusterCfgRestoreFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.228
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by failed configuration restoration event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	864:clusterCfgRestoreFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterCfgRestoreSuccessTrap</a> on page 109 (.1.3.6.1.4.1.25053.2.10.1.227)

## ruckusSCGClusterUploadSuccessTrap

**TABLE 111** ruckusSCGClusterUploadSuccessTrap

Object Name	ruckusSCGClusterUploadSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.229
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by successful cluster upload event. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	831:uploadClusterSuccess

## ruckusSCGClusterUploadFailedTrap

**TABLE 112** ruckusSCGClusterUploadFailedTrap

Object Name	ruckusSCGClusterUploadFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.230
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by failed cluster upload event. The event severity, event type, cluster name, reason and event code are displayed.
Generated by Event Code	832:uploadClusterFailed

## ruckusSCGClusterOutOfServiceTrap

**TABLE 113** ruckusSCGClusterOutOfServiceTrap

Object Name	ruckusSCGClusterOutOfServiceTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.231
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by the event when the cluster is out of service. The event severity, event type, cluster name, reason and event code are displayed.
Generated by Event Code	843:clusterOutOfService
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGClusterBackToInServiceTrap</a> on page 105 (.1.3.6.1.4.1.25053.2.10.1.216)

## ruckusSCGClusterUploadVDPFirmwareStartTrap

**TABLE 114** ruckusSCGClusterUploadVDPFirmwareStartTrap

Object Name	ruckusSCGClusterUploadVDPFirmwareStartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.232
Trap Severity	Informational

**TABLE 114** ruckusSCGClusterUploadVDPFirmwareStartTrap (continued)

Object Name	ruckusSCGClusterUploadVDPFirmwareStartTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by the event when the when the cluster starts and uploads virtual data plane. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	845:clusterUploadVDPFirmwareStart

## ruckusSCGClusterUploadVDPFirmwareSuccessTrap

**TABLE 115** ruckusSCGClusterUploadVDPFirmwareSuccessTrap

Object Name	ruckusSCGClusterUploadVDPFirmwareSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.233
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventCode
Description	Triggered by the event when cluster uploads the virtual data plane firmware is successful. The event severity, event type, cluster name and event code are displayed.
Generated by Event Code	846:uploadClusterVDPFirmwareSuccess

## ruckusSCGClusterUploadVDPFirmwareFailedTrap

**TABLE 116** ruckusSCGClusterUploadVDPFirmwareFailedTrap

Object Name	ruckusSCGClusterUploadVDPFirmwareFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.234
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGClusterName ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by the event when cluster uploads the virtual data plane firmware fails. The event severity, event type, cluster name, reason and event code are displayed.
Generated by Event Code	847:uploadClusterVDPFirmwareFailed

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.250 to .1.3.6.1.4.1.25053.2.11.1.277 are not applicable for vSZ-H.



## ruckusSCGIpmiVotageTrap

**TABLE 117** ruckusSCGIpmiVotageTrap

Object Name	ruckusSCGIpmiVotageTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.250
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by baseboard voltage event. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.  Note: The temperature status is based on the event 902 - Baseboard temperature [{status}] on control plane [{nodeMac}].
Generated by Event Code	901:ipmiVotage
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREVotageTrap</a> on page 120 (.1.3.6.1.4.1.25053.2.10.1.264)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGIpmiTempBBTrap

**TABLE 118** ruckusSCGIpmiTempBBTrap

Object Name	ruckusSCGIpmiTempBBTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.251
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by baseboard temperature event. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	902:ipmiTempBB
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempBBTrap</a> on page 120 (.1.3.6.1.4.1.25053.2.10.1.265)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGIpmiTempFPTrap

**TABLE 119** ruckusSCGIpmiTempFPTrap

Object Name	ruckusSCGIpmiTempFPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.252
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when the front panel temperature. This is based on the temperature status and controller node MAC details. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	903:ipmiThempFP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempFPTrap</a> on page 120 (.1.3.6.1.4.1.25053.2.10.1.266).
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGIpmiTempIOHTrap

**TABLE 120** ruckusSCGIpmiTempIOHTrap

Object Name	ruckusSCGIpmiTempIOHTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.253
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by chipset temperature event. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	904:ipmiThempIOH
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempIOHTrap</a> on page 121 (.1.3.6.1.4.1.25053.2.10.1.267)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGIpmiTempMemPTrap

**TABLE 121** ruckusSCGIpmiTempMemPTrap

Object Name	ruckusSCGIpmiTempMemPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.254
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessorId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by processor memory temperature event. The event severity, event type, processor ID, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	905:ipmiThempMemP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempMemPTrap</a> on page 121 (.1.3.6.1.4.1.25053.2.10.1.268)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGProcessorId (.1.3.6.1.4.1.25053.2.10.2.121.0)

## ruckusSCGIpmiTempPSTrap

**TABLE 122** ruckusSCGIpmiTempPSTrap

Object Name	ruckusSCGIpmiTempPSTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.255
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by power supply temperature event. The event severity, event type, controller node name, power supply id, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	906:ipmiThempPS
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempPSTrap</a> on page 122 (.1.3.6.1.4.1.25053.2.10.1.269)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGPsId (.1.3.6.1.4.1.25053.2.10.2.124.0)

## ruckusSCGIpmiTempPTrap

**TABLE 123** ruckusSCGIpmiTempPTrap

Object Name	ruckusSCGIpmiTempPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.256
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessorId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by processor temperature event. The event severity, event type, processor ID, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	907:ipmiThempP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempPTrap</a> on page 122 (.1.3.6.1.4.1.25053.2.10.1.270)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGProcessorId (.1.3.6.1.4.1.25053.2.10.2.121.0)

## ruckusSCGIpmiTempHSBPTrap

**TABLE 124** ruckusSCGIpmiTempHSBPTrap

Object Name	ruckusSCGIpmiTempHSBPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.257
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by hot swap backplane temperature event. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	908:ipmiThempHSBP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRETempHSBPTrap</a> on page 123 (.1.3.6.1.4.1.25053.2.10.1.271)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGIpmiFanTrap

**TABLE 125** ruckusSCGIpmiFanTrap

Object Name	ruckusSCGIpmiFanTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.258
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGFanId ruckusSCGFanStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when the system fan fails. The event severity, event type, fan id, fan status, controller node MAC IP address and event code are displayed.
Generated by Event Code	909:ipmiFan
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREFanTrap</a> on page 123 (.1.3.6.1.4.1.25053.2.10.1.272)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGFanId (.1.3.6.1.4.1.25053.2.10.2.122.0)

## ruckusSCGIpmiPowerTrap

**TABLE 126** ruckusSCGIpmiPowerTrap

Object Name	ruckusSCGIpmiPowerTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.259
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by power supply input event. The event severity, event type, power supply ID, power supply status, controller node MAC IP address and event code are displayed.
Generated by Event Code	910:ipmiPower
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREPowerTrap</a> on page 124 (.1.3.6.1.4.1.25053.2.10.1.273)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGPsId (.1.3.6.1.4.1.25053.2.10.2.124.0)

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.250 to .1.3.6.1.4.1.25053.2.11.1.277 are not applicable for vSZ-H.

## ruckusSCGIpmiCurrentTrap

**TABLE 127** ruckusSCGIpmiCurrentTrap

Object Name	ruckusSCGIpmiCurrentTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.260
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by power supply current output [is too high >1A or is too low <0.5] event. The event severity, event type, power supply ID, power supply status, controller node MAC IP address and event code are displayed.
Generated by Event Code	911:ipmiCurrent
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiRECurrentTrap</a> on page 124 (.1.3.6.1.4.1.25053.2.10.1.274)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGPsId (.1.3.6.1.4.1.25053.2.10.2.124.0)

## ruckusSCGIpmiFanStatusTrap

**TABLE 128** ruckusSCGIpmiFanStatusTrap

Object Name	ruckusSCGIpmiFanStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.261
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGFanId ruckusSCGFanStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by fan module event. The event severity, event type, fan id, fan status, controller node MAC IP address and event code are displayed.
Generated by Event Code	912:ipmiFanStatus
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREFanStatusTrap</a> on page 124 (.1.3.6.1.4.1.25053.2.10.1.275)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGFanId (.1.3.6.1.4.1.25053.2.10.2.122.0)

## ruckusSCGIpmiPsStatusTrap

**TABLE 129** ruckusSCGIpmiPsStatusTrap

Object Name	ruckusSCGIpmiPsStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.262
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the power supply event. The event severity, event type, power supply ID and status, controller node MAC IP address and event code are displayed.
Generated by Event Code	913:ipmiPsStatus
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREPsStatusTrap</a> on page 125 (.1.3.6.1.4.1.25053.2.10.1.276)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGPsId (.1.3.6.1.4.1.25053.2.10.2.124.0)

## ruckusSCGIpmiDrvStatusTrap

**TABLE 130** ruckusSCGIpmiDrvStatusTrap

Object Name	ruckusSCGIpmiDrvStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.263
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDrvId ruckusSCGDrvStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by disk drive event. The event severity, event type, disk drive id, disk drive status, controller node MAC IP address and event code are displayed.
Generated by Event Code	914:ipmiDrvStatus
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIpmiREDrvStatusTrap</a> on page 125 (.1.3.6.1.4.1.25053.2.10.1.277)
Cleared by Matching	ruckusSCGEventMacAddr (.1.3.6.1.4.1.25053.2.10.2.20.0) ruckusSCGDrvId (.1.3.6.1.4.1.25053.2.10.2.126.0)

## ruckusSCGIpmiREVotageTrap

**TABLE 131** ruckusSCGIpmiREVotageTrap

Object Name	ruckusSCGIpmiREVotageTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.264
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the voltage status recovers to normal condition. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	926:ipmiREVotage

## ruckusSCGIpmiRETempBBTrap

**TABLE 132** ruckusSCGIpmiRETempBBTrap

Object Name	ruckusSCGIpmiRETempBBTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.265
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the base board temperature status recovers to normal condition. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	927:ipmiREThempBB

## ruckusSCGIpmiRETempFPTrap

**TABLE 133** ruckusSCGIpmiRETempFPTrap

Object Name	ruckusSCGIpmiRETempFPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.266
Trap Severity	Informational



**TABLE 133** ruckusSCGIpmiRETempFPTrap (continued)

Object Name	ruckusSCGIpmiRETempFPTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the front panel temperature status recovers to normal condition. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	928:ipmiREThempFP

## ruckusSCGIpmiRETempIOHTrap

**TABLE 134** ruckusSCGIpmiRETempIOHTrap

Object Name	ruckusSCGIpmiRETempIOHTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.267
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the chip set temperature status recovers to normal condition. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	929:ipmiREThempIOH

## ruckusSCGIpmiRETempMemPTrap

**TABLE 135** ruckusSCGIpmiRETempMemPTrap

Object Name	ruckusSCGIpmiRETempMemPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.268
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessorId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode

**TABLE 135** ruckusSCGIpmiRETempMemPTrap (continued)

Object Name	ruckusSCGIpmiRETempMemPTrap
Description	Triggered by the event where the processor memory temperature status recovers to normal condition. The event severity, event type, processor ID, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	930:ipmiREThempMemP

## ruckusSCGIpmiRETempPSTrap

**TABLE 136** ruckusSCGIpmiRETempPSTrap

Object Name	ruckusSCGIpmiRETempPSTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.269
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the power supply temperature status recovers to normal condition. The event severity, event type, power supply ID, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	931:ipmiREThempPS

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.250 to .1.3.6.1.4.1.25053.2.11.1.277 are not applicable for vSZ-H.

## ruckusSCGIpmiRETempPTrap

**TABLE 137** ruckusSCGIpmiRETempPTrap

Object Name	ruckusSCGIpmiRETempPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.270
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessorId ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the processor temperature status recovers to normal condition. The event severity, event type, processor ID, temperature status, controller node MAC IP address and event code are displayed.

**TABLE 137** ruckusSCGIpmiRETempPTrap (continued)

Object Name	ruckusSCGIpmiRETempPTrap
Generated by Event Code	932:ipmiREThempP

## ruckusSCGIpmiRETempHSBPTrap

**TABLE 138** ruckusSCGIpmiRETempHSBPTrap

Object Name	ruckusSCGIpmiRETempHSBPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.271
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGTemperatureStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the hot swap backplane temperature status recovers to normal condition. The event severity, event type, temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	933:ipmiREThempHSBP

## ruckusSCGIpmiREFanTrap

**TABLE 139** ruckusSCGIpmiREFanTrap

Object Name	ruckusSCGIpmiREFanTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.272
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGFanId ruckusSCGFanStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where the system fan module status recovers to normal condition. The event severity, event type, fan ID, fan temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	934:ipmiREFan

## ruckusSCGIpmiREPowerTrap

**TABLE 140** ruckusSCGIpmiREPowerTrap

Object Name	ruckusSCGIpmiREPowerTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.273
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where power supply AC input status recovers to normal condition. The event severity, event type, power supply ID, power supply temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	935:ipmiREPower

## ruckusSCGIpmiRECurrentTrap

**TABLE 141** ruckusSCGIpmiRECurrentTrap

Object Name	ruckusSCGIpmiRECurrentTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.274
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where power supply and the maximum voltage output status recovers to normal condition. The event severity, event type, power supply ID, power supply temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	936:ipmiRECurrent

## ruckusSCGIpmiREFanStatusTrap

**TABLE 142** ruckusSCGIpmiREFanStatusTrap

Object Name	ruckusSCGIpmiREFanStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.275

**TABLE 142** ruckusSCGIpmiREFanStatusTrap (continued)

Object Name	ruckusSCGIpmiREFanStatusTrap
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGFanId ruckusSCGFanStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where fan module status recovers to normal condition. The event severity, event type, fan ID, fan temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	937:ipmiREFanStatus

## ruckusSCGIpmiREPsStatusTrap

**TABLE 143** ruckusSCGIpmiREPsStatusTrap

Object Name	ruckusSCGIpmiREPsStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.276
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPsId ruckusSCGPsStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where power supply status recovers to normal condition. The event severity, event type, power supply ID, power supply temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	938:ipmiREPsStatus

## ruckusSCGIpmiREDrvStatusTrap

**TABLE 144** ruckusSCGIpmiREDrvStatusTrap

Object Name	ruckusSCGIpmiREDrvStatusTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.277
Trap Severity	Informational

**TABLE 144** ruckusSCGIpmiREDrvStatusTrap (continued)

Object Name	ruckusSCGIpmiREDrvStatusTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGDrvid ruckusSCGDrvStatus ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event where disk drive status recovers to normal condition. The event severity, event type, disk drive ID, disk drive temperature status, controller node MAC IP address and event code are displayed.
Generated by Event Code	939:ipmiREDrvStatus

## ruckusSCGFtpTransferErrorTrap

**TABLE 145** ruckusSCGFtpTransferErrorTrap

Object Name	ruckusSCGFtpTransferErrorTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.280
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGFtpIp ruckusSCGFtpPort ruckusSCGFileName ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by FTP transfer error event. The event severity, event type, FTP server IP address, FTP server port, file name, controller node MAC IP address and event code are displayed.
Generated by Event Code	971:ftpTransferError

## ruckusSCGSystemLBConnectSuccessTrap

**TABLE 146** ruckusSCGSystemLBConnectSuccessTrap

Object Name	ruckusSCGSystemLBConnectSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.290
Trap Severity	Informational

**TABLE 146** ruckusSCGSystemLBSCoconnectSuccessTrap (continued)

Object Name	ruckusSCGSystemLBSCoconnectSuccessTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode
Description	Triggered by the event when the controller successfully connects to the LS. The event severity, event type, controller node MAC address, management IP address, LBS server URL, LBS port and event code are displayed.
Generated by Event Code	723:scgLBSCoconnectSuccess

## ruckusSCGSystemLBSNoResponseTrap

**TABLE 147** ruckusSCGSystemLBSNoResponseTrap

Object Name	ruckusSCGSystemLBSNoResponseTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.291
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode
Description	Triggered by the controller failure response event when connecting to the LS. The event severity, event type, controller node MAC address, management IP address, LBS server URL, LBS port and event code are displayed.
Generated by Event Code	721:scgLBSNoResponse

## ruckusSCGSystemLBSAuthFailedTrap

**TABLE 148** ruckusSCGSystemLBSAuthFailedTrap

Object Name	ruckusSCGSystemLBSAuthFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.292
Trap Severity	Major

**TABLE 148** ruckusSCGSystemLBSAuthFailedTrap (continued)

Object Name	ruckusSCGSystemLBSAuthFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode
Description	Triggered by the controller authentication failure event when connecting to the LS. The event severity, event type, controller node MAC address, management IP address, LBS server URL, LBS port and event code are displayed.
Generated by Event Code	722:scgLBSAuthFailed

## ruckusSCGSystemLBSConnectFailedTrap

**TABLE 149** ruckusSCGSystemLBSConnectFailedTrap

Object Name	ruckusSCGSystemLBSConnectFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.293
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGLBSURL ruckusSCGLBSPort ruckusSCGEventCode
Description	Triggered by the controller failed to connect to LS event. The event severity, event type, controller node MAC address, management IP address, LBS server URL, LBS port and event code are displayed.
Generated by Event Code	724:scgLBSConnectFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGSystemLBSConnectSuccessTrap</a> on page 126 (.1.3.6.1.4.1.25053.2.10.1.290)
Cleared by Matching	ruckusSCGEventMacAddr(.1.3.6.1.4.1.25053.2.10.2.20.0)

## ruckusSCGProcessRestartTrap

**TABLE 150** ruckusSCGProcessRestartTrap

Object Name	ruckusSCGProcessRestartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.300
Trap Severity	Major



**TABLE 150** ruckusSCGProcessRestartTrap (continued)

Object Name	ruckusSCGProcessRestartTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by process restart event. The event severity, event type, process name, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1001:processRestart

## ruckusSCGServiceUnavailableTrap

**TABLE 151** ruckusSCGServiceUnavailableTrap

Object Name	ruckusSCGServiceUnavailableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.301
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by service unavailable event. The event severity, event type, process name, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1002:serviceUnavailable

## ruckusSCGKeepAliveFailureTrap

**TABLE 152** ruckusSCGKeepAliveFailureTrap

Object Name	ruckusSCGKeepAliveFailureTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.302
Trap Severity	Major

**TABLE 152** ruckusSCGKeepAliveFailureTrap (continued)

Object Name	ruckusSCGKeepAliveFailureTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGProcessName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by service keep alive failure event. The event severity, event type, source process name, process name, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1003:keepAliveFailure

## ruckusSCGResourceUnavailableTrap

**TABLE 153** ruckusSCGResourceUnavailableTrap

Object Name	ruckusSCGResourceUnavailableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.304
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by resource unavailable event. The event severity, event type, source process name, controller node MAC IP address, management IP address, reason and event code are displayed.
Generated by Event Code	1006:resourceUnavailable

## ruckusSCGSmfRegFailedTrap

**TABLE 154** ruckusSCGSmfRegFailedTrap

Object Name	ruckusSCGSmfRegFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.305
Trap Severity	Critical

**TABLE 154** ruckusSCGSmfRegFailedTrap (continued)

Object Name	ruckusSCGSmfRegFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by SMF (System Management Framework) registration failed event. The event severity, event type, source process name, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1010:smfRegFailed

## ruckusSCGHipFailoverTrap

**NOTE**

This trap is not applicable for vSZ-H.

**TABLE 155** ruckusSCGHipFailoverTrap

Object Name	ruckusSCGHipFailoverTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.306
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by HIP (HLR Interface Process) failover event. The event severity, event type, source process name, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1016:hipFailover

## ruckusSCGConfUpdFailedTrap

**TABLE 156** ruckusSCGConfUpdFailedTrap

Object Name	ruckusSCGConfUpdFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.307
Trap Severity	Debug

**TABLE 156** ruckusSCGConfUpdFailedTrap (continued)

Object Name	ruckusSCGConfUpdFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGProcessName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by configuration update failed event. The event severity, event type, process name, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1008:cfgUpdFailed

## ruckusSCGConfRcvFailedTrap

**TABLE 157** ruckusSCGConfRcvFailedTrap

Object Name	ruckusSCGConfRcvFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.308
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered when the controller receives a message from the AP on failure to update the configuration. The event severity, event type, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1009:cfgRcvFailed

## ruckusSCGLostCnxnToDbladeTrap

**TABLE 158** ruckusSCGLostCnxnToDbladeTrap

Object Name	ruckusSCGLostCnxnToDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.309
Trap Severity	Major

**TABLE 158** ruckusSCGLostCnxnToDbladeTrap (continued)

Object Name	ruckusSCGLostCnxnToDbladeTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered when the controller loses connection to the data plane. The event severity, event type, controller control IP address, DP IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1202:lostCnxnToDblade
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGConnectedToDbladeTrap</a> on page 152 (.1.3.6.1.4.1.25053.2.10.1.350)
Cleared by Matching	ruckusSCGEventCtrlIP (.1.3.6.1.4.1.25053.2.10.2.12.0) ruckusSCGDPIP (.1.3.6.1.4.1.25053.2.10.2.82.0)

## ruckusSCGGsnRestartedTrap

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.310 to .1.3.6.1.4.1.25053.2.11.1.313 are not applicable for vSZ-H.

**TABLE 159** ruckusSCGGsnRestartedTrap

Object Name	ruckusSCGGsnRestartedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.310
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGGsnIp ruckusSCGGtpcIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by GGSN restarted event. The event severity, event type, GGSN IP address, GTP IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1210:ggsnRestarted

## ruckusSCGGgsnNotReachableTrap

**TABLE 160** ruckusSCGGgsnNotReachableTrap

Object Name	ruckusSCGGgsnNotReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.311
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGGgsnIp ruckusSCGGtpclp ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by GGSN gateway not reachable event. The event severity, event type, GGSN IP address, GTP IP address, controller node MAC IP address and event code are displayed.
Generated by Event Code	1211:ggsnNotReachable

## ruckusSCGGgsnNotResolvedTrap

**TABLE 161** ruckusSCGGgsnNotResolvedTrap

Object Name	ruckusSCGGgsnNotResolvedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.312
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGApn ruckusSCGUEImsi ruckusSCGUEmsisdn ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by GGSN not resolved event. The event occurs when the echo request is timed out. The event severity, event type, APN, UE IMSI, UE msisdn, controller node MAC IP address and event code are displayed.
Generated by Event Code	1215:ggsnNotResolved

## ruckusSCGUnknownUETrap

**TABLE 162** ruckusSCGUnknownUETrap

Object Name	ruckusSCGUnknownUETrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.313

**TABLE 162** ruckusSCGUnknownUETrap (continued)

Object Name	ruckusSCGUnknownUETrap
Trap Severity	Minor
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventClientMacAddr ruckusSCGUEMsisdn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by unknown UE event. The controller data plane receives the DHCP or data packets from the UE. If the controller control plane is unable to locate the subscriber information for the DHCP or data packets received from the UE, a trap event is raised. The event severity, event type, client MAC address, user equipment MSISDN, controller node MAC IP address, management IP address and event code are displayed.  Note: User equipment has no authentication.
Generated by Event Code	1231:unknownUE

## ruckusSCGAuthSrvrNotReachableTrap

**TABLE 163** ruckusSCGAuthSrvrNotReachableTrap

Object Name	ruckusSCGAuthSrvrNotReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.314
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGAuthSrvrIp ruckusSCGRadProxyIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by authentication server not reachable event. The event severity, event type, authentication server IP address, radius proxy IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1601:authSrvrNotReachable

## ruckusSCGAccSrvrNotReachableTrap

**TABLE 164** ruckusSCGAccSrvrNotReachableTrap

Object Name	ruckusSCGAccSrvrNotReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 164** ruckusSCGAccSrvrNotReachableTrap (continued)

Object Name	ruckusSCGAccSrvrNotReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.315
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGAccSrvrIp ruckusSCGRadProxyIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by accounting server not reachable event. The event severity, event type, accounting server IP address, radius proxy IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1602:accSrvrNotReachable

## ruckusSCGUnknownRealmTrap

**NOTE**

This trap is not applicable for vSZ-H.

**TABLE 165** ruckusSCGUnknownRealmTrap

Object Name	ruckusSCGUnknownRealmTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.316
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by unknown realm event. There is a mandatory configuration for no matching realm and it is considered as failure trap. The event severity, event type, realm name, controller node MAC IP address and event code are displayed.
Generated by Event Code	1603:unknownRealm

## ruckusSCGAuthFailedNonPermanentIDTrap

**TABLE 166** ruckusSCGAuthFailedNonPermanentIDTrap

Object Name	ruckusSCGAuthFailedNonPermanentIDTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.317



**TABLE 166** ruckusSCGAuthFailedNonPermanentIDTrap (continued)

Object Name	ruckusSCGAuthFailedNonPermanentIDTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGUEImsi ruckusSCGUEMsisdn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered when there is non-permanent ID authentication failed event. The event severity, event type, UE IMSI, UE msisdn, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1617:non-permanentIDauthenticationfailed

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.318 to .1.3.6.1.4.1.25053.2.11.1.346 are not applicable for vSZ-H.

## ruckusSCGCnxnToCgfFailedTrap

**TABLE 167** ruckusSCGCnxnToCgfFailedTrap

Object Name	ruckusSCGCnxnToCgfFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.318
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGCgfSrvrIp ruckusSCGRadSrvrIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by connection to CGF failed event. The event severity, event type, CGF sever IP address, radius server IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1610:cnxnToCgfFailed

## ruckusSCGCdrTransferFailedTrap

**TABLE 168** ruckusSCGCdrTransferFailedTrap

Object Name	ruckusSCGCdrTransferFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.319

**TABLE 168** ruckusSCGCdrTransferFailedTrap (continued)

Object Name	ruckusSCGCdrTransferFailedTrap
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGCgfSvrIip ruckusSCGRadSvrIip ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by CDR transfer failed event. The event severity, event type, CGF sever IP address, radius server IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1614:cdrTxfrFailed

## ruckusSCGCdrGenerateFailedTrap

**TABLE 169** ruckusSCGCdrGenerateFailedTrap

Object Name	ruckusSCGCdrGenerateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.320
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRadSvrIip ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by CDR generation failed event. The event severity, event type, radius server IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1615:cdrGenerationFailed

## ruckusSCGDestNotRecheableTrap

**TABLE 170** ruckusSCGDestNotRecheableTrap

Object Name	ruckusSCGDestNotRecheableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.321
Trap Severity	Critical

**TABLE 170** ruckusSCGDestNotRecheableTrap (continued)

Object Name	ruckusSCGDestNotRecheableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPointCode ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by destination not reachable event. Destination refers to HLR point code is not reachable from the controller. The event severity, event type, point code, controller node MAC IP address and event code are displayed.
Generated by Event Code	1618:destNotRecheable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGDestAvailableTrap</a> on page 152 (.1.3.6.1.4.1.25053.2.10.1.351)
Cleared by Matching	:ruckusSCGPointCode (.1.3.6.1.4.1.25053.2.10.2.314.0)

## ruckusSCGAppServerDownTrap

**TABLE 171** ruckusSCGAppServerDownTrap

Object Name	ruckusSCGAppServerDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.324
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRoutingContext ruckusSCGPointCode ruckusSCGSSN ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when the application server does not respond to keep alive query. The event severity, event type, routing context, local point code, local SSN, controller node MAC address and event code are displayed.
Generated by Event Code	1623:appServerDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAppServerActiveTrap</a> on page 152 (.1.3.6.1.4.1.25053.2.10.1.352)
Cleared by Matching	ruckusSCGPointCode (.1.3.6.1.4.1.25053.2.10.2.314.0)

## ruckusSCGAppServerInactiveTrap

**TABLE 172** ruckusSCGAppServerInactiveTrap

Object Name	ruckusSCGAppServerInactiveTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.325

**TABLE 172** ruckusSCGAppServerInactiveTrap (continued)

Object Name	ruckusSCGAppServerInactiveTrap
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRoutingContext ruckusSCGPointCode ruckusSCGSSN ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by application server inactive event. The event severity, event type, routing context, local point code, local SSN, controller node MAC IP address and event code are displayed.
Generated by Event Code	1624:appServerInactive
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAppServerActiveTrap</a> on page 152 (.1.3.6.1.4.1.25053.2.10.1.352)
Cleared by Matching	ruckusSCGPointCode (.1.3.6.1.4.1.25053.2.10.2.314.0)

## ruckusSCGAssocCantStartTrap

**TABLE 173** ruckusSCGAssocCantStartTrap

Object Name	ruckusSCGAssocCantStartTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.326
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcIP ruckusSCGSrcPort ruckusSCGDestIP ruckusSCGDestPort ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when a client does not initiate the association request after successful authentication. The event severity, event type, source IP address, source port, destination IP address, destination port, controller node MAC IP address and event code are displayed.
Generated by Event Code	1626:assocCantStart
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAssocUpTrap</a> on page 153 (.1.3.6.1.4.1.25053.2.10.1.353)

## ruckusSCGAssocDownTrap

**TABLE 174** ruckusSCGAssocDownTrap

Object Name	ruckusSCGAssocDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.327
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcIP ruckusSCGSrcPort ruckusSCGDestIP ruckusSCGDestPort ruckusSCGEventMacAddr ruckusSCGEventCode
Description	It is SCTP association down where the controller acts as client when connecting to HLR/SG (Signalling Gateway) When the SCTP association goes down this event is raised. The event severity, event type, source IP address, source port, destination IP address, destination port, controller node MAC IP address and event code are displayed.
Generated by Event Code	1627:assocDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAssocUpTrap</a> on page 153 (.1.3.6.1.4.1.25053.2.10.1.353)

## ruckusSCGOutboundRoutingFailedTrap

**TABLE 175** ruckusSCGOutboundRoutingFailedTrap

Object Name	ruckusSCGOutboundRoutingFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.328
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGOperation ruckusSCGUEImsi ruckusSCGHLRInstance ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by outbound routing failure event. The event severity, event type, route operation, UE IMSI, HLR instance, controller node MAC IP address and event code are displayed.
Generated by Event Code	1636:outboundRoutingFailure

## ruckusSCGDidAllocationFailureTrap

**TABLE 176** ruckusSCGDidAllocationFailureTrap

Object Name	ruckusSCGDidAllocationFailureTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.329
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by DID allocation failure event. The event severity, event type, node MAC IP address and event code are displayed.
Generated by Event Code	1637:didAllocationFailure

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.318 to .1.3.6.1.4.1.25053.2.11.1.346 are not applicable for vSZ-H.

## ruckusSCGPdnGwUnresolvedTrap

**TABLE 177** ruckusSCGPdnGwUnresolvedTrap

Object Name	ruckusSCGPdnGwUnresolvedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.331
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGApn ruckusSCGUEImsi ruckusSCGUEMsisdn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by PDN gateway not resolved event. The event severity, event type, source process name, APN, UE IMSI, UE msisdn, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1950:pdnGwNotResolved

## ruckusSCGPdnGwVersionUnsupportedTrap

**TABLE 178** ruckusSCGPdnGwVersionUnsupportedTrap

Object Name	ruckusSCGPdnGwVersionUnsupportedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.332
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by PDN gateway version not supported event. The event severity, event type, source process name, PGW IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1952:pdnGwVersionNotSupportedMsgReceived

## ruckusSCGPdnGwAssociationDownTrap

**TABLE 179** ruckusSCGPdnGwAssociationDownTrap

Object Name	ruckusSCGPdnGwAssociationDownTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.333
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered when the controller cannot associate with the PDN gateway. The event severity, event type, source process name, PGW IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1953:pdnGwAssociationDown

## ruckusSCGCreateSessionResponseFailedTrap

**TABLE 180** ruckusSCGCreateSessionResponseFailedTrap

Object Name	ruckusSCGCreateSessionResponseFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 180** ruckusSCGCreateSessionResponseFailedTrap (continued)

Object Name	ruckusSCGCreateSessionResponseFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.334
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGUEImsi ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by create session response failed event. This event is raised if the P-GW sends a failure response for the create session request (Gn/S2a-Interface) with the cause. The event severity, event type, source process name, PGW IP address, UE IMSI, realm name, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1954:createSessionResponseFailed

## ruckusSCGDecodeFailedTrap

**TABLE 181** ruckusSCGDecodeFailedTrap

Object Name	ruckusSCGDecodeFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.335
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by decode failed event. This event is raised if the controller is unable to decode any message (Gn/S2a-Interface) from P-GW. The event severity, event type, source process name, PGW IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1955:decodeFailed



## ruckusSCGModifyBearerResponseFailedTrap

**TABLE 182** ruckusSCGModifyBearerResponseFailedTrap

Object Name	ruckusSCGModifyBearerResponseFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.336
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGUEImsi ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by modify bearer response failed event. The event severity, event type, source process name, PGW IP address, UE IMSI, realm name, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1956:modifyBearerResponseFailed

## ruckusSCGDeleteSessionResponseFailedTrap

**TABLE 183** ruckusSCGDeleteSessionResponseFailedTrap

Object Name	ruckusSCGDeleteSessionResponseFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.337
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGUEImsi ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by delete session response failed event. The event severity, event type, source process name, PGW IP address, UE IMSI, realm name, controller node MAC IP address, management IP address, failure reason and event code are displayed.

**TABLE 183** ruckusSCGDeleteSessionResponseFailedTrap (continued)

Object Name	ruckusSCGDeleteSessionResponseFailedTrap
Generated by Event Code	1957:deleteSessionResponseFailed

## ruckusSCGDeleteBearerRequestFailedTrap

**TABLE 184** ruckusSCGDeleteBearerRequestFailedTrap

Object Name	ruckusSCGDeleteBearerRequestFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.338
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGUEImsi ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by delete bearer request failed event. The event severity, event type, source process name, PGW IP address, UE IMSI, realm name, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1958:deleteBearerRequestFailed

## ruckusSCGUpdateBearerRequestFailedTrap

**TABLE 185** ruckusSCGUpdateBearerRequestFailedTrap

Object Name	ruckusSCGUpdateBearerRequestFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.339
Trap Severity	Major

**TABLE 185** ruckusSCGUpdateBearerRequestFailedTrap (continued)

Object Name	ruckusSCGUpdateBearerRequestFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGPgwIp ruckusSCGUEImsi ruckusSCGRealm ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventReason ruckusSCGEventCode
Description	Triggered by update bearer request failed event. The event severity, event type, source process name, PGW IP address, UE IMSI, realm name, controller node MAC IP address, management IP address, failure reason and event code are displayed.
Generated by Event Code	1959:updateBearerRequestFailed

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.318 to .1.3.6.1.4.1.25053.2.11.1.346 are not applicable for vSZ-H.

## ruckusSCGCgfServerNotConfiguredTrap

**TABLE 186** ruckusSCGCgfServerNotConfiguredTrap

Object Name	ruckusSCGCgfServerNotConfiguredTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.340
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGCgfSrvrIp ruckusSCGGgsnIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered when the controller receives a packet from a CGF server IP address but the GGSN or PDN gateway is not configured. The event severity, event type, CGF sever IP address, GGSN IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	1960:CGFServerNotConfigured

## ruckusSCGTtgSessionCriticalThresholdTrap

**TABLE 187** ruckusSCGTtgSessionCriticalThresholdTrap

Object Name	ruckusSCGTtgSessionCriticalThresholdTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.342
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by TTG session critical threshold event. This event is raised when the licenses have reached the critical threshold and will be auto cleared. The event severity, event type, controller node MAC IP address and event code are displayed.
Generated by Event Code	1242:sessionCriticalThreshold

## ruckusSCGTtgSessionLicenseInsufficientTrap

**TABLE 188** ruckusSCGTtgSessionLicenseInsufficientTrap

Object Name	ruckusSCGTtgSessionLicenseInsufficientTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.343
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered when the controller has used up/does not have any more TTG session license. The event severity, event type, controller node MAC IP address and event code are displayed.
Generated by Event Code	1243:sessionLicenseExhausted

## ruckusSCGAPacctMsgMandatoryPrmMissingTrap

**TABLE 189** ruckusSCGAPacctMsgMandatoryPrmMissingTrap

Object Name	ruckusSCGAPacctMsgMandatoryPrmMissingTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.344
Trap Severity	Critical

**TABLE 189** ruckusSCGAPAcctMsgMandatoryPrmMissingTrap (continued)

Object Name	ruckusSCGAPAcctMsgMandatoryPrmMissingTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventAPIP ruckusSCGUserName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the mandatory parameter of AP accounting message is missing. In RADIUS accounting packets, if any of the mandatory parameters such as acct-sess-Id, called/calling-station-id are missing an event trap is raised.  The event severity, event type, source process name, AP IP address, user name, controller node MAC address, management IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	1901:apAcctMsgMandatoryPrmMissing

## ruckusSCGAcctUnknownRealmTrap

**TABLE 190** ruckusSCGAcctUnknownRealmTrap

Object Name	ruckusSCGAcctUnknownRealmTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.345
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventAPIP ruckusSCGUserName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by unknown realm accounting event. There is a mandatory configuration for no-matching realm and it is not considered as failed event.  The event severity, event type, source process name, AP IP address, user name, controller node MAC IP address, management IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	1902:unknownRealmAccounting

## ruckusSCGAPAcctMsgDecodeFailedTrap

**TABLE 191** ruckusSCGAPAcctMsgDecodeFailedTrap

Object Name	ruckusSCGAcctUnknownRealmTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.346
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventAPIP ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by AP accounting message decode failed event. The event severity, event type, source process name, AP IP address, UE IMSI, controller node MAC IP address, management IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	1904:apAcctMsgDecodeFailed

## ruckusSCGAPAcctRespWhileInvalidConfigTrap

**TABLE 192** ruckusSCGAPAcctRespWhileInvalidConfigTrap

Object Name	ruckusSCGAPAcctRespWhileInvalidConfigTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.347
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventAPIP ruckusSCGUserName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the controller sends a response to AP accounting message but the configuration is incorrect in the controller for forwarding received message or for generating CDRs.  The event severity, event type, source process name, AP IP address, user name, controller node MAC IP address, management IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	1909:apAcctRespWhileInvalidConfig

## ruckusSCGAPacctMsgDropNoAcctStartMsgTrap

**TABLE 193** ruckusSCGAPacctMsgDropNoAcctStartMsgTrap

Object Name	ruckusSCGAPacctMsgDropNoAcctStartMsgTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.348
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventAPIP ruckusSCGUserName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the accounting message from AP is dropped from the <b>Acct Interim/Stop</b> message since the account start is not received from the AP.  The event severity, event type, source process name, AP IP address, user name, controller node MAC IP address, management IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	1910:apAcctMsgDropNoAcctStartMsg

## ruckusSCGUnauthorizedCoaDmMessageDroppedTrap

**TABLE 194** ruckusSCGUnauthorizedCoaDmMessageDroppedTrap

Object Name	ruckusSCGUnauthorizedCoaDmMessageDroppedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.349
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event where the controller receives COA/DM from an unauthorized AAA server.  The event severity, event type, source process name, controller node MACIP address, management IP address and event code are displayed.
Generated by Event Code	1911:unauthorizedCoaDmMessageDropped

## ruckusSCGConnectedToDbladeTrap

**TABLE 195** ruckusSCGConnectedToDbladeTrap

Object Name	ruckusSCGConnectedToDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.350
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by successful connection to data plane event. The event severity, event type, control plane IP address, data plane IP address, controller node MACIP address, management IP address and event code are displayed.
Generated by Event Code	1201:connectedToDblade

## ruckusSCGDestAvailableTrap

**NOTE**

Traps .1.3.6.1.4.1.25053.2.10.1.351 to .1.3.6.1.4.1.25053.2.10.1.353 are not applicable for vSZ-H.

**TABLE 196** ruckusSCGDestAvailableTrap

Object Name	ruckusSCGDestAvailableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.351
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGPointCode ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by destination availability event. The event severity, event type, point code, controller node MAC address and event code are displayed.
Generated by Event Code	1620:destAvailable

## ruckusSCGAppServerActiveTrap

**TABLE 197** ruckusSCGAppServerActiveTrap

Object Name	ruckusSCGAppServerActiveTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)



**TABLE 197** ruckusSCGAppServerActiveTrap (continued)

Object Name	ruckusSCGAppServerActiveTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.352
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRoutingContext ruckusSCGPointCode ruckusSCGSSN ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by application server active event. The event severity, event type, routing context, point code, SSN ID, controller node MAC address and event code are displayed.
Generated by Event Code	1625:appServerActive

## ruckusSCGAssocUpTrap

**TABLE 198** ruckusSCGAssocUpTrap

Object Name	ruckusSCGAssocUpTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.353
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcIP ruckusSCGSrcPort ruckusSCGDestIP ruckusSCGDestPort ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by association UP event. The event severity, event type, source IP address, source port number, destination IP address, destination port, controller node MAC address and event code are displayed.
Generated by Event Code	1628:assocUp

## ruckusSCGSessUpdatedAtDbladeTrap

**TABLE 199** ruckusSCGSessUpdatedAtDbladeTrap

Object Name	ruckusSCGSessUpdatedAtDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.354
Trap Severity	Debug

**TABLE 199** ruckusSCGSessUpdatedAtDbladeTrap (continued)

Object Name	ruckusSCGSessUpdatedAtDbladeTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGUEImsi ruckusSCGUEMsisdn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by successful update of session request (C-D-SESS-UPD-REQ) event. The event severity, event type, control IP address, data plane IP address, IMSI code, MSIDN code, controller node MAC address and event code are displayed.
Generated by Event Code	1205:sessUpdatedAtDblade

## ruckusSCGSessUpdateErrAtDbladeTrap

**TABLE 200** ruckusSCGSessUpdateErrAtDbladeTrap

Object Name	ruckusSCGSessUpdateErrAtDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.355
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGUEImsi ruckusSCGUEMsisdn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by failed deletion of session request (C-D-SESS-DEL-REQ) event. The event severity, event type, control IP address, data plane IP address, IMSI code, MSIDN code, controller node MAC address and event code are displayed.
Generated by Event Code	1206:sessUpdateErrAtDblade

## ruckusSCGSessDeletedAtDbladeTrap

**TABLE 201** ruckusSCGSessDeletedAtDbladeTrap

Object Name	ruckusSCGSessDeletedAtDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)

**TABLE 201** ruckusSCGSessDeletedAtDbladeTrap (continued)

Object Name	ruckusSCGSessDeletedAtDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.356
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGUEImsi ruckusSCGUEMsidn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by successful deletion of session request (C-D-SESS-DEL-REQ) event. The event severity, event type, control IP address, data plane IP address, IMSI code, MSIDN code, controller node MAC address and event code are displayed.
Generated by Event Code	1207:sessDeletedAtDblade

## ruckusSCGSessDeleteErrAtDbladeTrap

**TABLE 202** ruckusSCGSessDeleteErrAtDbladeTrap

Object Name	ruckusSCGSessDeleteErrAtDbladeTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.357
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventCtrlIP ruckusSCGDPIP ruckusSCGUEImsi ruckusSCGUEMsidn ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by deletion of session request (C-D-SESS-DEL-REQ) failed event. The event severity, event type, control IP address, data plane IP address, IMSI code, MSIDN code, controller node MAC address and event code are displayed.
Generated by Event Code	1208:sessDeleteErrAtDblade

## ruckusSCGLicenseSyncSuccessTrap

**TABLE 203** ruckusSCGLicenseSyncSuccessTrap

Object Name	ruckusSCGLicenseSyncSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.358
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGLicenseServerName ruckusSCGEventCode
Description	Triggered by successful synchronization of license data with the license server event. The event severity, event type, node name, license server name and event code are displayed.
Generated by Event Code	1250:licenseSyncSuccess

## ruckusSCGLicenseSyncFailedTrap

**TABLE 204** ruckusSCGLicenseSyncFailedTrap

Object Name	ruckusSCGLicenseSyncFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.359
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGLicenseServerName ruckusSCGEventCode
Description	Triggered by synchronization of license data with the license server failed event. The event severity, event type, node name, license server name and event code are displayed.
Generated by Event Code	1251:licenseSyncFail

## ruckusSCGLicenseImportSuccessTrap

**TABLE 205** ruckusSCGLicenseImportSuccessTrap

Object Name	ruckusSCGLicenseImportSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.360
Trap Severity	Informational

**TABLE 205** ruckusSCGLicenseImportSuccessTrap (continued)

Object Name	ruckusSCGLicenseImportSuccessTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventCode
Description	Triggered by successful import of license data event. The event severity, event type, node name, and event code are displayed.
Generated by Event Code	1252:licenseImportSuccess

## ruckusSCGLicenseImportFailedTrap

**TABLE 206** ruckusSCGLicenseImportFailedTrap

Object Name	ruckusSCGLicenseImportFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.361
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGEventCode
Description	Triggered by import of license data failed event. The event severity, event type, node name, and event code are displayed.
Generated by Event Code	1253:licenseImportFail

## ruckusSCGSyslogServerReachableTrap

**TABLE 207** ruckusSCGSyslogServerReachableTrap

Object Name	ruckusSCGSyslogServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.370
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSyslogServerAddress ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event when the syslog server is reachable. The event severity, event type, syslog server address, event MAC address and event code are displayed.
Generated by Event Code	750:syslogServerReachable

## ruckusSCGSyslogServerUnreachableTrap

**TABLE 208** ruckusSCGSyslogServerUnreachableTrap

Object Name	ruckusSCGSyslogServerUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.371
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSyslogServerAddress ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event when the syslog server is unreachable. The event severity, event type, syslog server address, event MAC address and event code are displayed.
Generated by Event Code	751:syslogServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGSyslogServerReachableTrap</a> on page 157 (.1.3.6.1.4.1.25053.2.10.1.370)
Cleared by Matching	ruckusSCGSyslogServerAddress(.1.3.6.1.4.1.25053.2.10.2.154.0)

## ruckusSCGSyslogServerSwitchedTrap

**TABLE 209** ruckusSCGSyslogServerSwitchedTrap

Object Name	ruckusSCGSyslogServerSwitchedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.372
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcSyslogServerAddress ruckusSCGDestSyslogServerAddress ruckusSCGEventMacAddr ruckusSCGEventCode
Description	Triggered by the event when the syslog server is switched. The event severity, event type, syslog server source and destination address, event MAC address and event code are displayed.
Generated by Event Code	752:syslogServerSwitched

## ruckusSCGAPRadiusServerReachableTrap

**TABLE 210** ruckusSCGAPRadiusServerReachableTrap

Object Name	ruckusSCGAPRadiusServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.400

**TABLE 210** ruckusSCGAPRadiusServerReachableTrap (continued)

Object Name	ruckusSCGAPRadiusServerReachableTrap
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGRadSrvrIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP is able to reach the radius server successfully. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2101:radiusServerReachable

## ruckusSCGAPRadiusServerUnreachableTrap

**TABLE 211** ruckusSCGAPRadiusServerUnreachableTrap

Object Name	ruckusSCGAPRadiusServerUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.401
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGRadSrvrIp ruckusSCGEventCode ruckusSCGEventAPIPv6

**TABLE 211** ruckusSCGAPRadiusServerUnreachableTrap (continued)

Object Name	ruckusSCGAPRadiusServerUnreachableTrap
Description	Triggered by the event when AP fails to reach the radius server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2102:radiusServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPRadiusServerReachableTrap</a> on page 158 (.1.3.6.1.4.1.25053.2.10.1.400)
Cleared by Matching	ruckusSCGEventAPMacAddr(.1.3.6.1.4.1.25053.2.10.2.23.0) ruckusSCGRadSrvrIp(.1.3.6.1.4.1.25053.2.10.2.312.0)

## ruckusSCGAPLDAPServerReachableTrap

**TABLE 212** ruckusSCGAPLDAPServerReachableTrap

Object Name	ruckusSCGAPLDAPServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.402
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLDAPsVrIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP is able to reach the lightweight directory access protocol (LDAP) server successfully. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2121:ldapServerReachable

## ruckusSCGAPLDAPServerUnreachableTrap

**TABLE 213** ruckusSCGAPLDAPServerUnreachableTrap

Object Name	ruckusSCGAPLDAPServerUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.403
Trap Severity	Major



**TABLE 213** ruckusSCGAPLDAPServerUnreachableTrap (continued)

Object Name	ruckusSCGAPLDAPServerUnreachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGLDAPServerIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP fails to reach the lightweight directory access protocol (LDAP) server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2122:ldapServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPLDAPServerReachableTrap</a> on page 160 (.1.3.6.1.4.1.25053.2.10.1.402)
Cleared by Matching	ruckusSCGEventAPMacAddr(.1.3.6.1.4.1.25053.2.10.2.23.0) ruckusSCGLDAPServerIp(.1.3.6.1.4.1.25053.2.10.2.327.0)

## ruckusSCGAPADServerReachableTrap

**TABLE 214** ruckusSCGAPADServerReachableTrap

Object Name	ruckusSCGAPADServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.404
Trap Severity	Informational

**TABLE 214** ruckusSCGAPADServerReachableTrap (continued)

Object Name	ruckusSCGAPADServerReachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGADSrVrlp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP is able to reach the active directory successfully. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2141:adServerReachable

## ruckusSCGAPADServerUnreachableTrap

**TABLE 215** ruckusSCGAPADServerUnreachableTrap

Object Name	ruckusSCGAPADServerUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.405
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGADSrVrlp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP fails to reach AD server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address, event code and AP IPv6 address are displayed.

**TABLE 215** ruckusSCGAPADServerUnreachableTrap (continued)

Object Name	ruckusSCGAPADServerUnreachableTrap
Generated by Event Code	2142:adServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGAPADServerReachableTrap</a> on page 161 (.1.3.6.1.4.1.25053.2.10.1.404)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0) ruckusSCGADSrtrlp (.1.3.6.1.4.1.25053.2.10.2.328.0))

## ruckusSCGAPUsbSoftwarePackageDownloadedTrap

**TABLE 216** ruckusSCGAPUsbSoftwarePackageDownloadedTrap

Object Name	ruckusSCGAPUsbSoftwarePackageDownloadedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.406
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGSoftwareName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP successfully downloads its USB (Universal Serial Bus) software. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, software name, event code and AP IPv6 address are displayed.
Generated by Event Code	370:apUsbSoftwarePackageDownloaded

## ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap

**TABLE 217** ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap

Object Name	ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.407
Trap Severity	Major

**TABLE 217** ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap (continued)

Object Name	ruckusSCGAPUsbSoftwarePackageDownloadFailedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGSoftwareName ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP fails to download its USB (Universal Serial Bus) software. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, software name, event code and AP IPv6 address are displayed.
Generated by Event Code	371:apUsbSoftwarePackageDownloadFailed

## ruckusSCGEspAuthServerReachableTrap

**TABLE 218** ruckusSCGEspAuthServerReachableTrap

Object Name	ruckusSCGEspAuthServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.408
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGAuthSrvrIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP successfully reaches WeChat ESP authentication server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, authentication server IP address, event code and AP IPv6 address are displayed.

**TABLE 218** ruckusSCGEspAuthServerReachableTrap (continued)

Object Name	ruckusSCGEspAuthServerReachableTrap
Generated by Event Code	2151:espAuthServerReachable

## ruckusSCGEspAuthServerUnreachableTrap

**TABLE 219** ruckusSCGEspAuthServerUnreachableTrap

Object Name	ruckusSCGEspAuthServerUnreachableTrap
Parent Node	ruckusSCGEEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.409
Trap Severity	Informational
Bindings	ruckusSCGEEventSeverity ruckusSCGEEventType ruckusSCGEEventAPName ruckusSCGEEventAPMacAddr ruckusSCGEEventAPIP ruckusSCGEEventAPLocation ruckusSCGEEventAPDescription ruckusSCGEEventAPGPSCoordinates ruckusSCGEEventZoneName ruckusSCGAuthSrvrIp ruckusSCGEEventCode ruckusSCGEEventAPIPv6
Description	Triggered by the event when AP fails to reach WeChat ESP authentication server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, authentication server IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2152:espAuthServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGEspAuthServerReachableTrap</a> on page 164 (.1.3.6.1.4.1.25053.2.10.1.408)
Cleared by Matching	ruckusSCGEEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGEspAuthServerResolvableTrap

**TABLE 220** ruckusSCGEspAuthServerResolvableTrap

Object Name	ruckusSCGEspAuthServerResolvableTrap
Parent Node	ruckusSCGEEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.410
Trap Severity	Informational

**TABLE 220** ruckusSCGEspAuthServerResolvableTrap (continued)

Object Name	ruckusSCGEspAuthServerResolvableTrap
Bindings	ruckusSCGEEventSeverity ruckusSCGEEventType ruckusSCGEEventAPName ruckusSCGEEventAPMacAddr ruckusSCGEEventAPIP ruckusSCGEEventAPLocation ruckusSCGEEventAPDescription ruckusSCGEEventAPGPSCoordinates ruckusSCGEEventZoneName ruckusSCGDomainName ruckusSCGEEventCode ruckusSCGEEventAPIPv6
Description	Triggered by the event when AP successfully resolves WeChat ESP authentication server domain name. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, domain name, event code and AP IPv6 address are displayed.
Generated by Event Code	2153:espAuthServerResolvable

## ruckusSCGEspAuthServerUnResolvableTrap

**TABLE 221** ruckusSCGEspAuthServerUnResolvableTrap

Object Name	ruckusSCGEspAuthServerUnResolvableTrap
Parent Node	ruckusSCGEEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.411
Trap Severity	Major
Bindings	ruckusSCGEEventSeverity ruckusSCGEEventType ruckusSCGEEventAPName ruckusSCGEEventAPMacAddr ruckusSCGEEventAPIP ruckusSCGEEventAPLocation ruckusSCGEEventAPDescription ruckusSCGEEventAPGPSCoordinates ruckusSCGEEventZoneName ruckusSCGDomainName ruckusSCGEEventCode ruckusSCGEEventAPIPv6
Description	Triggered by the event when AP fails to resolve WeChat ESP authentication server domain name. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, domain name, event code and AP IPv6 address are displayed.

**TABLE 221** ruckusSCGEspAuthServerUnResolvableTrap (continued)

Object Name	ruckusSCGEspAuthServerUnResolvableTrap
Generated by Event Code	2154:espAuthServerUnResolvable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGEspAuthServerResolvableTrap</a> on page 165 (.1.3.6.1.4.1.25053.2.10.1.410)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGEspDNATServerReachableTrap

**TABLE 222** ruckusSCGEspDNATServerReachableTrap

Object Name	ruckusSCGEspDNATServerReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.412
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGDNATIp ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event when AP successfully reaches WeChat ESP DNAT server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, DNA IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2161:espDNATServerReachable

## ruckusSCGEspDNATServerUnreachableTrap

**TABLE 223** ruckusSCGEspDNATServerUnreachableTrap

Object Name	ruckusSCGEspDNATServerUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.413
Trap Severity	Major

**TABLE 223** ruckusSCGEspDNATServerUnreachableTrap (continued)

Object Name	ruckusSCGEspDNATServerUnreachableTrap
Bindings	ruckusSCGEEventSeverity ruckusSCGEEventType ruckusSCGEEventAPName ruckusSCGEEventAPMacAddr ruckusSCGEEventAPIP ruckusSCGEEventAPLocation ruckusSCGEEventAPDescription ruckusSCGEEventAPGPSCoordinates ruckusSCGEEventZoneName ruckusSCGDNATIp ruckusSCGEEventCode ruckusSCGEEventAPIPv6
Description	Triggered by the event when AP fails to reach WeChat ESP DNAT server. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, DNA IP address, event code and AP IPv6 address are displayed.
Generated by Event Code	2162:espDNATServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGEspDNATServerReachableTrap</a> on page 167 (.1.3.6.1.4.1.25053.2.10.1.412)
Cleared by Matching	ruckusSCGEEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusSCGEspDNATServerResolvableTrap

**TABLE 224** ruckusSCGEspDNATServerResolvableTrap

Object Name	ruckusSCGEspDNATServerResolvableTrap
Parent Node	ruckusSCGEEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.414
Trap Severity	Informational
Bindings	ruckusSCGEEventSeverity ruckusSCGEEventType ruckusSCGEEventAPName ruckusSCGEEventAPMacAddr ruckusSCGEEventAPIP ruckusSCGEEventAPLocation ruckusSCGEEventAPDescription ruckusSCGEEventAPGPSCoordinates ruckusSCGEEventZoneName ruckusSCGDomainName ruckusSCGEEventCode ruckusSCGEEventAPIPv6



**TABLE 224** ruckusSCGEspDNATServerResolvableTrap (continued)

Object Name	ruckusSCGEspDNATServerResolvableTrap
Description	Triggered by the event when AP successfully resolves WeChat ESP DNAT server domain name The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, domain name, event code and AP IPv6 address are displayed.
Generated by Event Code	2163:espDNATServerResolvable

## ruckusSCGEspDNATServerUnresolvableTrap

**TABLE 225** ruckusSCGEspDNATServerUnresolvableTrap

Object Name	ruckusSCGEspDNATServerUnresolvableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.415
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGDomainName ruckusSCGEventCode ruckusSCGEventAPIIPv6
Description	Triggered by the event AP fails to resolve WeChat ESP DNAT server domain name. The event severity, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, domain name, event code and AP IPv6 address are displayed.
Generated by Event Code	2164:espDNATServerUnresolvable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGEspDNATServerResolvableTrap</a> on page 168 (.1.3.6.1.4.1.25053.2.10.1.414)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

## ruckusRateLimitTORSurpassedTrap

**TABLE 226** ruckusRateLimitTORSurpassedTrap

Object Name	ruckusRateLimitTORSurpassedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.500
Trap Severity	Critical

**TABLE 226** ruckusRateLimitTORSurpassedTrap (continued)

Object Name	ruckusRateLimitTORSurpassedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGRadSrvIrp ruckusSCGEventCode
Description	Triggered by the event where the controller receives the rate limit for Total Outstanding Requests (TOR) is surpassed. The event severity, event type, AAA server IP address and event code are displayed.
Generated by Event Code	1302:rateLimitTORSurpassed

## ruckusSCGIPSecTunnelAssociatedTrap

**TABLE 227** ruckusSCGIPSecTunnelAssociatedTrap

Object Name	ruckusSCGIPSecTunnelAssociatedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.600
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGIPSecGWAddress ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP is able to reach the secure gateway successfully. The event severity, event type, AP name, MAC address, IP address, location, description, GPS coordinates, zone name, IPsec gateway address, event code and IPv6 version are displayed.
Generated by Event Code	660:ipsecTunnelAssociated

## ruckusSCGIPSecTunnelDisassociatedTrap

**TABLE 228** ruckusSCGIPSecTunnelDisassociatedTrap

Object Name	ruckusSCGIPSecTunnelDisassociatedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.601
Trap Severity	Major

**TABLE 228** ruckusSCGIPSecTunnelDisassociatedTrap (continued)

Object Name	ruckusSCGIPSecTunnelDisassociatedTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGIPSecGWAddress ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP is disconnected from the secure gateway. The event severity, event type, AP name, MAC address, IP address, location, description, GPS coordinates, zone name, IPsec gateway address, event code and IPv6 version are displayed.
Generated by Event Code	661.ipsecTunnelDisassociated

## ruckusSCGIPSecTunnelAssociateFailedTrap

**TABLE 229** ruckusSCGIPSecTunnelAssociateFailedTrap

Object Name	ruckusSCGIPSecTunnelAssociateFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.602
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventAPName ruckusSCGEventAPMacAddr ruckusSCGEventAPIP ruckusSCGEventAPLocation ruckusSCGEventAPDescription ruckusSCGEventAPGPSCoordinates ruckusSCGEventZoneName ruckusSCGIPSecGWAddress ruckusSCGEventCode ruckusSCGEventAPIPv6
Description	Triggered by the event where the AP is unable to reach the secure gateway. The event severity, event type, AP name, MAC address, IP address, location, description, GPS coordinates, zone name, IPsec gateway address, event code and IPv6 version are displayed.

**TABLE 229** ruckusSCGIPSecTunnelAssociateFailedTrap (continued)

Object Name	ruckusSCGIPSecTunnelAssociateFailedTrap
Generated by Event Code	662:ipsecTunnelAssociateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGIPSecTunnelAssociatedTrap</a> on page 170 (.1.3.6.1.4.1.25053.2.10.1.600)
Cleared by Matching	ruckusSCGEventAPMacAddr (.1.3.6.1.4.1.25053.2.10.2.23.0)

**NOTE**

Traps .1.3.6.1.4.1.25053.2.11.1.700 to .1.3.6.1.4.1.25053.2.11.1.711 are not applicable for vSZ-H.

## ruckusSCGPmipProcessInitTrap

**TABLE 230** ruckusSCGPmipProcessInitTrap

Object Name	ruckusSCGPmipProcessInitTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.700
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the PMIPv6 process crash and restart event. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5001:processInit

## ruckusSCGPmipUnavailableTrap

**TABLE 231** ruckusSCGPmipUnavailableTrap

Object Name	ruckusSCGPmipUnavailableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.701
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event where the PMIPv6 process repeatedly restarts. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5002:pmipUnavailable

## ruckusSCGPmipUnallocatedMemoryTrap

**TABLE 232** ruckusSCGPmipUnallocatedMemoryTrap

Object Name	ruckusSCGPmipUnallocatedMemoryTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.702
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event due to memory allocation failure in the PMIPv6 process. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5003:unallocatedMemory

## ruckusSCGPmipUpdateCgfFailedTrap

**TABLE 233** ruckusSCGPmipUpdateCgfFailedTrap

Object Name	ruckusSCGPmipUpdateCgfFailedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.703
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event where the PMIPv6 process fails to apply the configuration changes. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5004:updateCfgFailed

## ruckusSCGPmipLMAIcmpUnreachableTrap

**TABLE 234** ruckusSCGPmipLMAIcmpUnreachableTrap

Object Name	ruckusSCGPmipLMAIcmpUnreachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.704
Trap Severity	Debug

**TABLE 234** ruckusSCGPmipLMAIcmpUnreachableTrap (continued)

Object Name	ruckusSCGPmipLMAIcmpUnreachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGLMAIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event where the PMIPv6 daemon is unable to reach the LMA server through the ICMP packet. The event severity, event type, LMA IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5006:lmaIcmpUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGPmipLMAIcmpReachableTrap</a> on page 175 (.1.3.6.1.4.1.25053.2.10.1.708)
Cleared by Matching	ruckusSCGLMAIp (.1.3.6.1.4.1.25053.2.10.2.400.0)

## ruckusSCGPmipLMAFailOverTrap

**TABLE 235** ruckusSCGPmipLMAFailOverTrap

Object Name	ruckusSCGPmipLMAFailOverTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.705
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGLMAIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by LMA failover event. The event severity, event type, LMA IP address, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5008:lmaFailOver

## ruckusSCGPmipBindingFailureTrap

**TABLE 236** ruckusSCGPmipBindingFailureTrap

Object Name	ruckusSCGPmipBindingFailureTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.706
Trap Severity	Major

**TABLE 236** ruckusSCGPmipBindingFailureTrap (continued)

Object Name	ruckusSCGPmipBindingFailureTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by MN binding failure from LMA server event. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5010:bindingFailure
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGPmipBindingSuccessTrap</a> on page 176 (.1.3.6.1.4.1.25053.2.10.1.709)

## ruckusSCGPmiplostCnxnToDHCPTrap

**TABLE 237** ruckusSCGPmiplostCnxnToDHCPTrap

Object Name	ruckusSCGPmiplostCnxnToDHCPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.707
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by the event where the PMIPv6 process is unable to connect to the DHCP server. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5102:lostCnxnToDHCP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSCGPmipConnectedToDHCPTrap</a> on page 176 (.1.3.6.1.4.1.25053.2.10.1.710)

## ruckusSCGPmipLMAIcmpReachableTrap

**TABLE 238** ruckusSCGPmipLMAIcmpReachableTrap

Object Name	ruckusSCGPmipLMAIcmpReachableTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.708
Trap Severity	Debug

**TABLE 238** ruckusSCGPmipLMAIcmpReachableTrap (continued)

Object Name	ruckusSCGPmipLMAIcmpReachableTrap
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGLMAIp ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by successful event where the received PMIPv6 daemon reaches the LMA server through the ICMP packet. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5005:lmalcmpReachable

## ruckusSCGPmipBindingSuccessTrap

**TABLE 239** ruckusSCGPmipBindingSuccessTrap

Object Name	ruckusSCGPmipBindingSuccessTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.709
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by successful binding of the received MN packet from the LMA server. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5009:bindingSuccess

## ruckusSCGPmipConnectedToDHCPTrap

**TABLE 240** ruckusSCGPmipConnectedToDHCPTrap

Object Name	ruckusSCGPmipConnectedToDHCPTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.710
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode



**TABLE 240** ruckusSCGPmipConnectedToDHCPTrap (continued)

Object Name	ruckusSCGPmipConnectedToDHCPTrap
Description	Triggered by the event the received PMIPv6 process successfully connects to the DHCP server. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5101:connectedToDHCP

## ruckusSCGPmipProcessStoppedTrap

**TABLE 241** ruckusSCGPmipProcessStoppedTrap

Object Name	ruckusSCGPmipProcessStoppedTrap
Parent Node	ruckusSCGEventTraps (RUCKUS-EVENT-MIB)
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.711
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	Triggered by PMIPv6 process stopped event. The event severity, event type, controller node MAC IP address, management IP address and event code are displayed.
Generated by Event Code	5100:processStop

## Ruckus Event Object

The objects contained in the RUCKUS-SCG-EVENT-Object group define the events for sending trap event notifications by the controller. All traps are triggered by events. The following are the trap object definitions.

Event Object	Object Identifier
<a href="#">ruckusSCGEventDescription</a> on page 180	.1.3.6.1.4.1.25053.2.10.2.1
<a href="#">ruckusSCGClusterName</a> on page 180	.1.3.6.1.4.1.25053.2.10.2.2
<a href="#">ruckusSCGEventCode</a> on page 180	.1.3.6.1.4.1.25053.2.10.2.10
<a href="#">ruckusSCGProcessName</a> on page 180	.1.3.6.1.4.1.25053.2.10.2.11
<a href="#">ruckusSCGEventCtrlIP</a> on page 180	.1.3.6.1.4.1.25053.2.10.2.12
<a href="#">ruckusSCGEventSeverity</a> on page 181	.1.3.6.1.4.1.25053.2.10.2.13
<a href="#">ruckusSCGEventType</a> on page 181	.1.3.6.1.4.1.25053.2.10.2.14
<a href="#">ruckusSCGEventNodeMgmtIp</a> on page 181	.1.3.6.1.4.1.25053.2.10.2.15
<a href="#">ruckusSCGEventNodeName</a> on page 181	.1.3.6.1.4.1.25053.2.10.2.16
<a href="#">ruckusSCGCPUPerc</a> on page 181	.1.3.6.1.4.1.25053.2.10.2.17
<a href="#">ruckusSCGMemoryPerc</a> on page 182	.1.3.6.1.4.1.25053.2.10.2.18
<a href="#">ruckusSCGDiskPerc</a> on page 182	.1.3.6.1.4.1.25053.2.10.2.19
<a href="#">ruckusSCGEventMacAddr</a> on page 182	.1.3.6.1.4.1.25053.2.10.2.20
<a href="#">ruckusSCGEventFirmwareVersion</a> on page 182	.1.3.6.1.4.1.25053.2.10.2.21

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Ruckus Event Object

Event Object	Object Identifier
<a href="#">ruckusSCGEventUpgradedFirmwareVersion</a> on page 182	.1.3.6.1.4.1.25053.2.10.2.22
<a href="#">ruckusSCGEventAPMacAddr</a> on page 183	.1.3.6.1.4.1.25053.2.10.2.23
<a href="#">ruckusSCGEventReason</a> on page 183	.1.3.6.1.4.1.25053.2.10.2.24
<a href="#">ruckusSCGEventAPName</a> on page 183	.1.3.6.1.4.1.25053.2.10.2.25
<a href="#">ruckusSCGEventAPIP</a> on page 183	.1.3.6.1.4.1.25053.2.10.2.26
<a href="#">ruckusSCGEventAPLocation</a> on page 183	.1.3.6.1.4.1.25053.2.10.2.27
<a href="#">ruckusSCGEventAPGPSCoordinates</a> on page 184	.1.3.6.1.4.1.25053.2.10.2.28
<a href="#">ruckusSCGEventAPDescription</a> on page 184	.1.3.6.1.4.1.25053.2.10.2.29
<a href="#">ruckusSCGEventZoneName</a> on page 184	.1.3.6.1.4.1.25053.2.10.2.30
<a href="#">ruckusSCGAPModel</a> on page 184	.1.3.6.1.4.1.25053.2.10.2.31
<a href="#">ruckusSCGConfigAPModel</a> on page 184	.1.3.6.1.4.1.25053.2.10.2.32
<a href="#">ruckusSCGAPConfigID</a> on page 185	.1.3.6.1.4.1.25053.2.10.2.33
<a href="#">ruckusSCGEventTargetZoneName</a> on page 185	.1.3.6.1.4.1.25053.2.10.2.34
<a href="#">ruckusSCGEventAPIIPv6</a> on page 185	.1.3.6.1.4.1.25053.2.10.2.35
<a href="#">ruckusSCGLBSURL</a> on page 185	.1.3.6.1.4.1.25053.2.10.2.38
<a href="#">ruckusSCGLBSPort</a> on page 185	.1.3.6.1.4.1.25053.2.10.2.39
<a href="#">ruckusSCGEventSSID</a> on page 186	.1.3.6.1.4.1.25053.2.10.2.40
<a href="#">ruckusSCGEventRogueMac</a> on page 186	.1.3.6.1.4.1.25053.2.10.2.45
<a href="#">ruckusPrimaryGRE</a> on page 186	.1.3.6.1.4.1.25053.2.10.2.46
<a href="#">ruckusSecondaryGRE</a> on page 186	.1.3.6.1.4.1.25053.2.10.2.47
<a href="#">ruckusSoftGREGatewayList</a> on page 186	.1.3.6.1.4.1.25053.2.10.2.48
<a href="#">ruckusSCGSoftGREGWAddress</a> on page 187	.1.3.6.1.4.1.25053.2.10.2.49
<a href="#">ruckusSCGEventClientMacAddr</a> on page 187	.1.3.6.1.4.1.25053.2.10.2.50
<a href="#">ruckusSCGDPIKey</a> on page 187	.1.3.6.1.4.1.25053.2.10.2.80
<a href="#">ruckusSCGDPCConfigID</a> on page 187	.1.3.6.1.4.1.25053.2.10.2.81
<a href="#">ruckusSCGDPIP</a> on page 187	.1.3.6.1.4.1.25053.2.10.2.82
<a href="#">ruckusSCGDPPacketPoolID</a> on page 188	.1.3.6.1.4.1.25053.2.10.2.83
<a href="#">ruckusSCGNetworkPortID</a> on page 188	.1.3.6.1.4.1.25053.2.10.2.100
<a href="#">ruckusSCGNetworkInterface</a> on page 188	.1.3.6.1.4.1.25053.2.10.2.101
<a href="#">ruckusSCGSwitchStatus</a> on page 188	.1.3.6.1.4.1.25053.2.10.2.102
<a href="#">ruckusSCGTemperatureStatus</a> on page 188	.1.3.6.1.4.1.25053.2.10.2.120
<a href="#">ruckusSCGProcessorId</a> on page 189	.1.3.6.1.4.1.25053.2.10.2.121
<a href="#">ruckusSCGFanId</a> on page 189	.1.3.6.1.4.1.25053.2.10.2.122
<a href="#">ruckusSCGFanStatus</a> on page 189	.1.3.6.1.4.1.25053.2.10.2.123
<a href="#">ruckusSCGPsId</a> on page 189	.1.3.6.1.4.1.25053.2.10.2.124
<a href="#">ruckusSCGPsStatus</a> on page 189	.1.3.6.1.4.1.25053.2.10.2.125
<a href="#">ruckusSCGDrvId</a> on page 190	.1.3.6.1.4.1.25053.2.10.2.126
<a href="#">ruckusSCGDrvStatus</a> on page 190	.1.3.6.1.4.1.25053.2.10.2.127
<a href="#">ruckusSCGLicenseType</a> on page 190	.1.3.6.1.4.1.25053.2.10.2.150
<a href="#">ruckusSCGLicenseUsagePerc</a> on page 190	.1.3.6.1.4.1.25053.2.10.2.151
<a href="#">ruckusSCGLicenseServerName</a> on page 190	.1.3.6.1.4.1.25053.2.10.2.152
<a href="#">ruckusSCGIPSecGWAddress</a> on page 191	.1.3.6.1.4.1.25053.2.10.2.153

Event Object	Object Identifier
<a href="#">ruckusSCGSyslogServerAddress</a> on page 191	.1.3.6.1.4.1.25053.2.10.2.154
<a href="#">ruckusSCGSrcSyslogServerAddress</a> on page 191	.1.3.6.1.4.1.25053.2.10.2.155
<a href="#">ruckusSCGDestSyslogServerAddress</a> on page 191	.1.3.6.1.4.1.25053.2.10.2.156
<a href="#">ruckusSCGFtplp</a> on page 191	.1.3.6.1.4.1.25053.2.10.2.200
<a href="#">ruckusSCGFtpPort</a> on page 192	.1.3.6.1.4.1.25053.2.10.2.201
<a href="#">ruckusSCGSrcProcess</a> on page 192	.1.3.6.1.4.1.25053.2.10.2.301
<a href="#">ruckusSCGGsnlp</a> on page 192	.1.3.6.1.4.1.25053.2.10.2.302
<a href="#">ruckusSCGGtpclp</a> on page 192	.1.3.6.1.4.1.25053.2.10.2.303
<a href="#">ruckusSCGApn</a> on page 192	.1.3.6.1.4.1.25053.2.10.2.304
<a href="#">ruckusSCGUElmsi</a> on page 193	.1.3.6.1.4.1.25053.2.10.2.305
<a href="#">ruckusSCGUEmsisdn</a> on page 193	.1.3.6.1.4.1.25053.2.10.2.306
<a href="#">ruckusSCGAuthSrvrlp</a> on page 193	.1.3.6.1.4.1.25053.2.10.2.307
<a href="#">ruckusSCGRadProxylp</a> on page 193	.1.3.6.1.4.1.25053.2.10.2.308
<a href="#">ruckusSCGAccSrvrlp</a> on page 193	.1.3.6.1.4.1.25053.2.10.2.309
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## ruckusSCGEventDescription

**TABLE 242** ruckusSCGEventDescription

Object Name	ruckusSCGEventDescription
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.1
Description	Event description.

## ruckusSCGClusterName

**TABLE 243** ruckusSCGClusterName

Object Name	ruckusSCGClusterName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.2
Description	The controller cluster name

## ruckusSCGEventCode

**TABLE 244** ruckusSCGEventCode

Object Name	ruckusSCGEventCode
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.10
Description	The event code

## ruckusSCGProcessName

**TABLE 245** ruckusSCGProcessName

Object Name	ruckusSCGProcessName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.11
Description	The process name.

## ruckusSCGEventCtrlIP

**TABLE 246** ruckusSCGEventCtrlIP

Object Name	ruckusSCGEventCtrlIP
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.12
Description	The controller node control IP address.

## ruckusSCGEventSeverity

**TABLE 247** ruckusSCGEventSeverity

Object Name	ruckusSCGEventSeverity
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.13
Description	The event severity.

## ruckusSCGEventType

**TABLE 248** ruckusSCGEventType

Object Name	ruckusSCGEventType
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.14
Description	The event type.

## ruckusSCGEventNodeMgmtIp

**TABLE 249** ruckusSCGEventNodeMgmtIp

Object Name	ruckusSCGEventNodeMgmtIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.15
Description	The controller management IP address.

## ruckusSCGEventNodeName

**TABLE 250** ruckusSCGEventNodeName

Object Name	ruckusSCGEventNodeName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.16
Description	The controller node name.

## ruckusSCGCPUPerc

**TABLE 251** ruckusSCGCPUPerc

Object Name	ruckusSCGCPUPerc
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.17
Description	The controller CPU usage in percentage.

## ruckusSCGMemoryPerc

**TABLE 252** ruckusSCGMemoryPerc

Object Name	ruckusSCGMemoryPerc
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.18
Description	The controller memory usage in percentage.

## ruckusSCGDiskPerc

**TABLE 253** ruckusSCGDiskPerc

Object Name	ruckusSCGDiskPerc
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.19
Description	The controller disk usage in percentage.

## ruckusSCGEventMacAddr

**TABLE 254** ruckusSCGEventMacAddr

Object Name	ruckusSCGEventMacAddr
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.20
Description	The controller MAC IP address

## ruckusSCGEventFirmwareVersion

**TABLE 255** ruckusSCGEventFirmwareVersion

Object Name	ruckusSCGEventFirmwareVersion
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.21
Description	The controller firmware version.

## ruckusSCGEventUpgradedFirmwareVersion

**TABLE 256** ruckusSCGEventUpgradedFirmwareVersion

Object Name	ruckusSCGEventUpgradedFirmwareVersion
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.22
Description	The controller upgrade firmware version.

## ruckusSCGEventAPMacAddr

**TABLE 257** ruckusSCGEventAPMacAddr

Object Name	ruckusSCGEventAPMacAddr
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.23
Description	The AP MAC IP address

## ruckusSCGEventReason

**TABLE 258** ruckusSCGEventReason

Object Name	ruckusSCGEventReason
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.24
Description	The event reason.

## ruckusSCGEventAPName

**TABLE 259** ruckusSCGEventAPName

Object Name	ruckusSCGEventAPName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.25
Description	The AP name.

## ruckusSCGEventAPIP

**TABLE 260** ruckusSCGEventAPIP

Object Name	ruckusSCGEventAPIP
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.26
Description	The AP IP address.

## ruckusSCGEventAPLocation

**TABLE 261** ruckusSCGEventAPLocation

Object Name	ruckusSCGEventAPLocation
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.27
Description	The AP location.

## ruckusSCGEventAPGPSCoordinates

**TABLE 262** ruckusSCGEventAPGPSCoordinates

Object Name	ruckusSCGEventAPGPSCoordinates
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.28
Description	The AP GPS coordinates.

## ruckusSCGEventAPDescription

**TABLE 263** ruckusSCGEventAPDescription

Object Name	ruckusSCGEventAPDescription
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.29
Description	The AP description

## ruckusSCGEventZoneName

**TABLE 264** ruckusSCGEventZoneName

Object Name	ruckusSCGEventZoneName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.30
Description	The zone name.

## ruckusSCGAPModel

**TABLE 265** ruckusSCGAPModel

Object Name	ruckusSCGAPModel
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.31
Description	The AP model.

## ruckusSCGConfigAPModel

**TABLE 266** ruckusSCGConfigAPModel

Object Name	ruckusSCGConfigAPModel
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.32
Description	The configured AP model.



## ruckusSCGAPConfigID

**TABLE 267** ruckusSCGAPConfigID

Object Name	ruckusSCGAPConfigID
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.33
Description	The AP configuration UUID.

## ruckusSCGEventTargetZoneName

**TABLE 268** ruckusSCGEventTargetZoneName

Object Name	ruckusSCGEventTargetZoneName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.34
Description	The AP target zone.

## ruckusSCGEventAPIv6

**TABLE 269** ruckusSCGEventAPIv6

Object Name	ruckusSCGEventAPIv6
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.35
Description	The AP IP v6 address.

## ruckusSCGLBSURL

**TABLE 270** ruckusSCGLBSURL

Object Name	ruckusSCGLBSURL
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.38
Description	The LBS server URL

## ruckusSCGLBSPort

**TABLE 271** ruckusSCGLBSPort

Object Name	ruckusSCGLBSPort
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.39
Description	The LBS server port number.

## ruckusSCGEventSSID

**TABLE 272** ruckusSCGEventSSID

Object Name	ruckusSCGEventSSID
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.40
Description	The SSID number.

## ruckusSCGEventRogueMac

**TABLE 273** ruckusSCGEventRogueMac

Object Name	ruckusSCGEventRogueMac
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.45
Description	The Mac address of the rouge AP.

## ruckusPrimaryGRE

**TABLE 274** ruckusPrimaryGRE

Object Name	ruckusPrimaryGRE
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.46
Description	The primary GRE gateway.

## ruckusSecondaryGRE

**TABLE 275** ruckusSecondaryGRE

Object Name	ruckusSecondaryGRE
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.47
Description	The secondary GRE gateway.

## ruckusSoftGREGatewayList

**TABLE 276** ruckusSoftGREGatewayList

Object Name	ruckusSoftGREGatewayList
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.48
Description	The SoftGRE gateway list.

## ruckusSCGSoftGREGWAddress

**TABLE 277** ruckusSCGSoftGREGWAddress

Object Name	ruckusSCGSoftGREGWAddress
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.49
Description	The SoftGRE gateway IP address.

## ruckusSCGEventClientMacAddr

**TABLE 278** ruckusSCGEventClientMacAddr

Object Name	ruckusSCGEventClientMacAddr
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.50
Description	The client MAC IP address.

## ruckusSCGDPKey

**TABLE 279** ruckusSCGDPKey

Object Name	ruckusSCGDPKey
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.80
Description	The data plane identifier.

## ruckusSCGDPConfigID

**TABLE 280** ruckusSCGDPConfigID

Object Name	ruckusSCGDPConfigID
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.81
Description	The data plane configuration ID.

## ruckusSCGDPIP

**TABLE 281** ruckusSCGDPIP

Object Name	ruckusSCGDPIP
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.82
Description	IP address of data plane.

## ruckusSCGDPPacketPoolID

**TABLE 282** ruckusSCGDPPacketPoolID

Object Name	ruckusSCGDPPacketPoolID
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.83
Description	Packet pool ID of data plane.

## ruckusSCGNetworkPortID

**TABLE 283** ruckusSCGNetworkPortID

Object Name	ruckusSCGNetworkPortID
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.100
Description	The network port ID.

## ruckusSCGNetworkInterface

**TABLE 284** ruckusSCGNetworkInterface

Object Name	ruckusSCGNetworkInterface
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.101
Description	The network interface.

## ruckusSCGSwitchStatus

**TABLE 285** ruckusSCGSwitchStatus

Object Name	ruckusSCGSwitchStatus
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.102
Description	The switch status.

## ruckusSCGTemperatureStatus

**TABLE 286** ruckusSCGTemperatureStatus

Object Name	ruckusSCGTemperatureStatus
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.120
Description	The temperature status.

## ruckusSCGProcessorId

**TABLE 287** ruckusSCGProcessorId

Object Name	ruckusSCGProcessorId
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.121
Description	The processor ID.

## ruckusSCGFanId

**TABLE 288** ruckusSCGFanId

Object Name	ruckusSCGFanId
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.122
Description	The fan module ID.

## ruckusSCGFanStatus

**TABLE 289** ruckusSCGFanStatus

Object Name	ruckusSCGFanStatus
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.123
Description	The fan module status.

## ruckusSCGPsId

**TABLE 290** ruckusSCGPsId

Object Name	ruckusSCGPsId
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.124
Description	The power supply ID.

## ruckusSCGPsStatus

**TABLE 291** ruckusSCGPsStatus

Object Name	ruckusSCGPsStatus
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.125
Description	The power supply status.

## ruckusSCGDrvId

**TABLE 292** ruckusSCGDrvId

Object Name	ruckusSCGDrvId
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.126
Description	The drive ID.

## ruckusSCGDrvStatus

**TABLE 293** ruckusSCGDrvStatus

Object Name	ruckusSCGDrvStatus
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.127
Description	The drive status.

## ruckusSCGLicenseType

**TABLE 294** ruckusSCGLicenseType

Object Name	ruckusSCGLicenseType
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.150
Description	The license type.

## ruckusSCGLicenseUsagePerc

**TABLE 295** ruckusSCGLicenseUsagePerc

Object Name	ruckusSCGLicenseUsagePerc
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.151
Description	The license usage in percentage.

## ruckusSCGLicenseServerName

**TABLE 296** ruckusSCGLicenseServerName

Object Name	ruckusSCGLicenseServerName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.152
Description	The license server name.

## ruckusSCGIPSecGWAddress

**TABLE 297** ruckusSCGIPSecGWAddress

Object Name	ruckusSCGIPSecGWAddress
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.153
Description	The secure gateway address.

## ruckusSCGSyslogServerAddress

**TABLE 298** ruckusSCGSyslogServerAddress

Object Name	ruckusSCGSyslogServerAddress
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.154
Description	The syslog server address.

## ruckusSCGSrcSyslogServerAddress

**TABLE 299** ruckusSCGSrcSyslogServerAddress

Object Name	ruckusSCGSrcSyslogServerAddress
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.155
Description	The source syslog server address.

## ruckusSCGDestSyslogServerAddress

**TABLE 300** ruckusSCGDestSyslogServerAddress

Object Name	ruckusSCGDestSyslogServerAddress
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.156
Description	The source syslog server address.

## ruckusSCGFtpIp

**TABLE 301** ruckusSCGFtpIp

Object Name	ruckusSCGFtpIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.200
Description	The FTP server IP address.

## ruckusSCGFtpPort

**TABLE 302** ruckusSCGFtpPort

Object Name	ruckusSCGFtpPort
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.201
Description	The FTP server port.

## ruckusSCGSrcProcess

**TABLE 303** ruckusSCGSrcProcess

Object Name	ruckusSCGSrcProcess
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.301
Description	The source process name.

## ruckusSCGGgsnIp

**TABLE 304** ruckusSCGGgsnIp

Object Name	ruckusSCGGgsnIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.302
Description	The GGSN IP address.

## ruckusSCGGtpclp

**TABLE 305** ruckusSCGGtpclp

Object Name	ruckusSCGGtpclp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.303
Description	The GTP IP address.

## ruckusSCGApn

**TABLE 306** ruckusSCGApn

Object Name	ruckusSCGApn
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.304
Description	The APN name.



## ruckusSCGUEImsi

**TABLE 307** ruckusSCGUEImsi

Object Name	ruckusSCGUEImsi
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.305
Description	The UE IMSI.

## ruckusSCGUEMsisdn

**TABLE 308** ruckusSCGUEMsisdn

Object Name	ruckusSCGUEMsisdn
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.306
Description	The UE MSISDN.

## ruckusSCGAuthSrvrIp

**TABLE 309** ruckusSCGAuthSrvrIp

Object Name	ruckusSCGAuthSrvrIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.307
Description	The authentication server IP address.

## ruckusSCGRadProxyIp

**TABLE 310** ruckusSCGRadProxyIp

Object Name	ruckusSCGRadProxyIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.308
Description	The RADIUS proxy IP address.

## ruckusSCGAccSrvrIp

**TABLE 311** ruckusSCGAccSrvrIp

Object Name	ruckusSCGAccSrvrIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.309
Description	The accounting server IP address.

## ruckusSCGRealm

**TABLE 312** ruckusSCGRealm

Object Name	ruckusSCGRealm
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.310
Description	The realm name.

## ruckusSCGCgfSrvrIp

**TABLE 313** ruckusSCGCgfSrvrIp

Object Name	ruckusSCGCgfSrvrIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.311
Description	The CGF IP address.

## ruckusSCGRadSrvrIp

**TABLE 314** ruckusSCGRadSrvrIp

Object Name	ruckusSCGRadSrvrIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.312
Description	The RADIUS server IP address.

## ruckusSCGCiIp

**TABLE 315** ruckusSCGCiIp

Object Name	ruckusSCGCiIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.313
Description	The CIP IP address.

## ruckusSCGPointCode

**TABLE 316** ruckusSCGPointCode

Object Name	ruckusSCGPointCode
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.314
Description	The point code.

## ruckusSCGCongLevel

**TABLE 317** ruckusSCGCongLevel

Object Name	ruckusSCGCongLevel
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.315
Description	The level of congestion.

## ruckusSCGSSN

**TABLE 318** ruckusSCGSSN

Object Name	ruckusSCGSSN
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.316
Description	The SSN.

## ruckusSCGRoutingContext

**TABLE 319** ruckusSCGRoutingContext

Object Name	ruckusSCGRoutingContext
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.317
Description	The routing context.

## ruckusSCGSrcIP

**TABLE 320** ruckusSCGSrcIP

Object Name	ruckusSCGSrcIP
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.318
Description	The source IP address.

## ruckusSCGSrcPort

**TABLE 321** ruckusSCGSrcPort

Object Name	ruckusSCGSrcPort
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.319
Description	The source port.

## ruckusSCGDestIP

**TABLE 322** ruckusSCGDestIP

Object Name	ruckusSCGDestIP
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.320
Description	The destination IP address.

## ruckusSCGDestPort

**TABLE 323** ruckusSCGDestPort

Object Name	ruckusSCGDestPort
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.321
Description	The destination port.

## ruckusSCGOperation

**TABLE 324** ruckusSCGOperation

Object Name	ruckusSCGOperation
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.322
Description	The operation name.

## ruckusSCGHLRInstance

**TABLE 325** ruckusSCGHLRInstance

Object Name	ruckusSCGHLRInstance
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.323
Description	The HLR instance.

## ruckusSCGUserName

**TABLE 326** ruckusSCGUserName

Object Name	ruckusSCGUserName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.324
Description	The user name.

## ruckusSCGPgwIp

**TABLE 327** ruckusSCGPgwIp

Object Name	ruckusSCGPgwIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.325
Description	The PGW IP address.

## ruckusSCGFileName

**TABLE 328** ruckusSCGFileName

Object Name	ruckusSCGFileName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.326
Description	The file name.

## ruckusSCGLDAPsrvIp

**TABLE 329** ruckusSCGLDAPsrvIp

Object Name	ruckusSCGLDAPsrvIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.327
Description	The LDAP server IP address.

## ruckusSCGADsrvIp

**TABLE 330** ruckusSCGADsrvIp

Object Name	ruckusSCGADsrvIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.328
Description	The AD server IP address.

## ruckusSCGSoftwareName

**TABLE 331** ruckusSCGSoftwareName

Object Name	ruckusSCGSoftwareName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.329
Description	The software name.

## ruckusSCGDomainName

**TABLE 332** ruckusSCGDomainName

Object Name	ruckusSCGDomainName
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.330
Description	The domain name.

## ruckusSCGDNATIp

**TABLE 333** ruckusSCGDNATIp

Object Name	ruckusSCGDNATIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.331
Description	The DNAT server IP address.

## ruckusSCGLMAIp

**TABLE 334** ruckusSCGLMAIp

Object Name	ruckusSCGLMAIp
Parent Node	ruckusSCGEventObjects
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.400
Description	The LMA IP address

# Ruckus System MIB

- Introduction..... 199
- Ruckus System Command (SysCommands)..... 201
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## Introduction

The objects contained in the RUCKUS-SCG-SYSTEM-MIB group provides information about the controller system, including its WLAN traffic, managed APs, wireless clients associated with the managed APs, and CPU and memory utilization.

### NOTE

For details on alarms and events refer to *SmartZone Alarms and Events Guide*.

## ruckusSystemStatsNumAP

**TABLE 335** ruckusSystemStatsNumAP

Object Name	ruckusSystemStatsNumAP
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.1
Description	The number of APs.

## ruckusSystemStatsNumSta

**TABLE 336** ruckusSystemStatsNumSta

Object Name	ruckusSystemStatsNumSta
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.2
Description	The number of associated clients.

## ruckusSystemStatsWLANTotalRxPkts

**TABLE 337** ruckusSystemStatsWLANTotalRxPkts

Object Name	ruckusSystemStatsWLANTotalRxPkts
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.5
Description	The total number of received packets in WLAN.

## ruckusSystemStatsWLANTotalRxBytes

**TABLE 338** ruckusSystemStatsWLANTotalRxBytes

Object Name	ruckusSystemStatsWLANTotalRxBytes
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.6
Description	The total number of received bytes in WLAN.

## ruckusSystemStatsWLANTotalRxMulticast

**TABLE 339** ruckusSystemStatsWLANTotalRxMulticast

Object Name	ruckusSystemStatsWLANTotalRxMulticast
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.7
Description	The total number of received multicast packets in WLAN.

## ruckusSystemStatsWLANTotalTxPkts

**TABLE 340** ruckusSystemStatsWLANTotalTxPkts

Object Name	ruckusSystemStatsWLANTotalTxPkts
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.8
Description	The total number of transmitted packets in WLAN.

## ruckusSystemStatsWLANTotalTxBytes

**TABLE 341** ruckusSystemStatsWLANTotalTxBytes

Object Name	ruckusSystemStatsWLANTotalTxBytes
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.9
Description	The total number of transmitted bytes in WLAN.

## ruckusSystemStatsWLANTotalTxMulticast

**TABLE 342** ruckusSystemStatsWLANTotalTxMulticast

Object Name	ruckusSystemStatsWLANTotalTxMulticast
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.10
Description	The total number of transmitted multicast packets in WLAN.



## ruckusSystemStatsWLANTotalTxFail

**TABLE 343** ruckusSystemStatsWLANTotalTxFail

Object Name	ruckusSystemStatsWLANTotalTxFail
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.11
Description	The total number of failed transmitted packets in WLAN

## ruckusSystemStatsWLANTotalTxRetry

**TABLE 344** ruckusSystemStatsWLANTotalTxRetry

Object Name	ruckusSystemStatsWLANTotalTxRetry
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.12
Description	The total number of retry transmitted packets in WLAN

## ruckusSystemStatsSerialNumber

**TABLE 345** ruckusSystemStatsSerialNumber

Object Name	ruckusSystemStatsSerialNumber
Parent Node	ruckusSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.3.1.1.1.15.13
Description	The controller serial number.

# Ruckus System Command (SysCommands)

System command (**SysCommands**) MIBs define the performing system commands for SZ node. Users can use the `snmpset` `OID.0 <value type> <value>` to perform system commands. For example,

```
snmpset -v2c -c private -m11 172.17.50.100 RUCKUS-CTRL- MIB::ruckusCTRLSysCmdReboot.0 i run-reboot
```

**NOTE**

.0 is appended after the OID.

## ruckusCTRLSysCmdReboot

**TABLE 346** ruckusCTRLSysCmdReboot

Object Name	ruckusCTRLSysCmdReboot
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.13

**TABLE 346** ruckusCTRLSysCmdReboot (continued)

Object Name	ruckusCTRLSysCmdReboot
Description	<p>This object defines the system command for SZ node. Command to reboot SZ is:</p> <ul style="list-style-type: none"> <li>• <b>0</b> - Normal (default value), which means that the system has completed the reboot command or the system has been rebooted.</li> <li>• <b>1</b> - Run-reboot - once the value is set as run-reboot, user cannot stop it until the system is setup again. Users can only set OID as this value.</li> </ul> <p><b>NOTE</b> This command may fail to reboot the system due to the cluster operation.</p> <p>If it set as reboot successfully, SNMP daemon will be stopped immediately. Therefore, it should wait until the system is up again. For example: <code>snmpset -v2c -c private -m11 172.17.50.100 RUCKUS-CTRL-MIB::ruckusCTRLSysCmdReboot.0 i run-reboot</code></p>

## Ruckus Controller System Node Table

The following MIBs contained in the controller **System Node** table (**ruckusCtrlSystemNodeTable**) define the system information of each node in a cluster.

The index of the table is `ruckusCtrlSystemNodeSerialNumber`.

### ruckusCtrlSystemNodeEntry

**TABLE 347** ruckusCtrlSystemNodeEntry

Object Name	ruckusCtrlSystemNodeEntry
Parent Node	ruckusCtrlSystemNodeEntry
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1
Description	The index to this table is <code>ruckusCtrlSystemNodeSerialNumber</code> .

### ruckusCtrlSystemNodeName

**TABLE 348** ruckusCtrlSystemNodeName

Object Name	ruckusCtrlSystemNodeName
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.2
Description	Displays the node name.

### ruckusCtrlSystemNodeMgmtIp

**TABLE 349** ruckusCtrlSystemNodeMgmtIp

Object Name	ruckusCtrlSystemNodeMgmtIp
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.11
Description	The node Management IP address.

## ruckusCtrlSystemNodeMgmtIpv6

**TABLE 350** ruckusCtrlSystemNodeMgmtIpv6

Object Name	ruckusCtrlSystemNodeMgmtIpv6
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.12
Description	The node Management IP v6 address.

## ruckusCtrlSystemNodeMgmtMac

**TABLE 351** ruckusCtrlSystemNodeMgmtMac

Object Name	ruckusCtrlSystemNodeMgmtMac
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.13
Description	The node Management MAC address.

## ruckusCtrlSystemNodeModel

**TABLE 352** ruckusCtrlSystemNodeModel

Object Name	ruckusCtrlSystemNodeModel
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.13
Description	Displays the node model.

## ruckusCtrlSystemNodeVersion

**TABLE 353** ruckusCtrlSystemNodeVersion

Object Name	ruckusCtrlSystemNodeVersion
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.19
Description	Displays the controller software version.

## ruckusCtrlSystemNodeSerialNumber

**TABLE 354** ruckusCtrlSystemNodeSerialNumber

Object Name	ruckusCtrlSystemNodeSerialNumber
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.1
Description	Displays the serial number of the node

## ruckusCtrlSystemNodeUptime

**TABLE 355** ruckusCtrlSystemNodeUptime

Object Name	ruckusCtrlSystemNodeUptime
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.16
Description	UP time of the node.

## ruckusCtrlSystemNodeNumApLicense

**TABLE 356** ruckusCtrlSystemNodeNumApLicense

Object Name	ruckusCtrlSystemNodeNumApLicense
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.10
Description	Number of AP licenses for this node.

## ruckusCtrlSystemNodeNumApConnected

**TABLE 357** ruckusCtrlSystemNodeNumApConnected

Object Name	ruckusCtrlSystemNodeNumApConnected
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.19
Description	Number of APs currently connected to this node.

## ruckusCtrlSystemNodeStatus

**TABLE 358** ruckusCtrlSystemNodeStatus

Object Name	ruckusCtrlSystemNodeStatus
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.17
Description	System status of the node, where the status is: out-of-service(0) in-service(8)

## ruckusCtrlSystemClusterStatus

**TABLE 359** ruckusCtrlSystemClusterStatus

Object Name	ruckusCtrlSystemClusterStatus
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.18
Description	Displays the cluster status, where the status is: <ul style="list-style-type: none"> <li>• in-service(0)</li> <li>• out-of-service(1)</li> <li>• maintenance(2)</li> <li>• network-partitio-suspected(4)</li> </ul>

## ruckusCtrlSystemNodeClusterHAState

**TABLE 360** ruckusCtrlSystemNodeClusterHAState

Object Name	ruckusCtrlSystemNodeClusterHAState
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.26
Description	Displays the cluster HA status, where the status is: <ul style="list-style-type: none"> <li>enable (1)</li> <li>disable (2)</li> </ul>

## ruckusCtrlSystemNodeClusterHARoles

**TABLE 361** ruckusCtrlSystemNodeClusterHARoles

Object Name	ruckusCtrlSystemNodeClusterHARoles
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.27
Description	Displays the cluster HA role, where the status is: <ul style="list-style-type: none"> <li>active (1)</li> <li>standby (2)</li> <li>none (3)</li> </ul>

# Ruckus Controller Domain Table

The Following MIBs define the attributes for controller **Domain** table (**ruckusCtrlDomainTable**) for users to easily retrieve the information for all domains.

The index of the table is the DomainId, such that users can also get the information for a specific domain.

## RuckusCtrlDomainEntry

**TABLE 362** RuckusCtrlDomainEntry

Object Name	RuckusCtrlDomainEntry
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1
Description	The index to this table is DomainId.

## ruckusCtrlDomainId

**TABLE 363** ruckusCtrlDomainId

Object Name	ruckusCtrlDomainId
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.1
Description	The index of the domain UUID.

## ruckusCtrlDomainName

**TABLE 364** ruckusCtrlDomainName

Object Name	ruckusCtrlDomainName
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.2
Description	Displays the domain name.

## ruckusCtrlDomainNumSubdomains

**TABLE 365** ruckusCtrlDomainNumSubdomains

Object Name	ruckusCtrlDomainNumSubdomains
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.3
Description	The number of sub domains in the domain.

## ruckusCtrlDomainParentDomainId

**TABLE 366** ruckusCtrlDomainParentDomainId

Object Name	ruckusCtrlDomainParentDomainId
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.8
Description	Domain UUID of the parent domain for this domain.

## ruckusCtrlDomainNumZones

**TABLE 367** ruckusCtrlDomainNumZones

Object Name	ruckusCtrlDomainNumZones
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.9
Description	Number of zones in the domain.

## ruckusCtrlDomainNumApConnected

**TABLE 368** ruckusCtrlDomainNumApConnected

Object Name	ruckusCtrlDomainNumApConnected
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.2.1.10
Description	Number of APs in the domain that are currently connected to the controller.

## ruckusCtrlDomainNumApDisconnected

**TABLE 369** ruckusCtrlDomainNumApDisconnected

Object Name	ruckusCtrlDomainNumApDisconnected
Parent Node	ruckusCtrlDomainTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.11
Description	Number of APs in the domain that are currently disconnected from the controller.

## Ruckus Controller Zone Table

The following MIBs define the information for the controller **Zone** table (**ruckusCtrlZoneTable**) for users to easily retrieve the information for all zones. The index of the table is the *DomainId* and *ZoneId*.

To query:

- all zones in domain1, use the below command:  
`snmpwalk ruckusCtrlZoneTable.domain1`
- a specific zone1 in domain1, use the below command:  
`snmpwalk ruckusCtrlZoneTable.domain1.zone1`
- a specific zone1 in an unknown domain, use the below command:  
`snmpwalk ruckusCtrlZoneTable.all.zone1`

## RuckusCtrlZoneEntry

**TABLE 370** RuckusCtrlZoneEntry

Object Name	RuckusCtrlZoneEntry
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.3.1
Description	The index to this table is DomainId and ZoneId.

## ruckusCtrlZoneDomainId

**TABLE 371** ruckusCtrlZoneDomainId

Object Name	ruckusCtrlZoneDomainId
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.3.1.1
Description	The index is DomainId.

## ruckusCtrlZoneId

**TABLE 372** ruckusCtrlZoneId

Object Name	ruckusCtrlZoneId
Parent Node	ruckusCtrlZoneTable

**TABLE 372** ruckusCtrlZoneId (continued)

Object Name	ruckusCtrlZoneId
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.2
Description	The index is ZoneId.

## ruckusCtrlZoneName

**TABLE 373** ruckusCtrlZoneName

Object Name	ruckusCtrlZoneName
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.3
Description	Displays the zone name.

## ruckusCtrlZoneCountryCode

**TABLE 374** ruckusCtrlZoneCountryCode

Object Name	ruckusCtrlZoneCountryCode
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.4
Description	Displays the country code of the zone.

## ruckusCtrlZoneNumApConnected

**TABLE 375** ruckusCtrlZoneNumApConnected

Object Name	ruckusCtrlZoneNumApConnected
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.9
Description	The number of APs in the zone that are currently connected to the controller.

## ruckusCtrlZoneNumApDisconnected

**TABLE 376** ruckusCtrlZoneNumApDisconnected

Object Name	ruckusCtrlZoneNumApDisconnected
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.10
Description	Number of APs in the zone that are currently disconnected from the controller.



# Ruckus WLAN MIB

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- [Ruckus SCG WLAN Statistics](#)..... 209
- [Ruckus SCG Configuration WLAN Statistics](#)..... 224
- [Ruckus SCG Client Information](#)..... 228

## Ruckus SCG WLAN Statistics

The objects contained in the RUCKUS-SCG-WLAN-MIB provides information about WLANs and their statistics, including SSIDs, WLAN traffic, client count, AP information, etc.

### NOTE

For details on alarms and events refer to *SmartZone Alarms and Events Guide*.

This section contains:

- [Ruckus WLAN](#) on page 209
- [Ruckus WLAN AP](#) on page 210
- [Ruckus SCG WLAN](#) on page 211
- [Ruckus SCG AP Statistics](#) on page 213
- [Ruckus SCG WLAN SoftGRE Statistics](#) on page 220

## Ruckus WLAN

The following are the MIBs for RUCKUS-WLAN group.

- [ruckusWLANSSID](#) on page 209
- [ruckusWLANNumSta](#) on page 210
- [ruckusWLANRxBytes](#) on page 210
- [ruckusWLANTxBytes](#) on page 210
- [ruckusWLANIndex](#) on page 210

### *ruckusWLANSSID*

**TABLE 377** ruckusWLANSSID

Object Name	ruckusWLANSSID
Parent Node	ruckusWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.1.1
Description	The SSID of WLAN.

## *ruckusWLANNumSta*

**TABLE 378** ruckusWLANNumSta

Object Name	ruckusWLANNumSta
Parent Node	ruckusWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.1.1.12
Description	The number of client devices.

## *ruckusWLANRxBytes*

**TABLE 379** ruckusWLANRxBytes

Object Name	ruckusWLANRxBytes
Parent Node	ruckusWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.1.1.14
Description	The number of received bytes.

## *ruckusWLANTxBytes*

**TABLE 380** ruckusWLANTxBytes

Object Name	ruckusWLANTxBytes
Parent Node	ruckusWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.1.1.16
Description	The number of transmitted bytes.

## *ruckusWLANIndex*

**TABLE 381** ruckusWLANIndex

Object Name	ruckusWLANIndex
Parent Node	ruckusWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.1.1.99
Description	The unique value for each WLAN.

## Ruckus WLAN AP

The following are the MIBs for RUCKUS-WLANAP group.

- [ruckusWLANAPMacAddr](#) on page 211
- [ruckusWLANAPUptime](#) on page 211
- [ruckusWLANAPSWversion](#) on page 211
- [ruckusWLANAPIPAddr](#) on page 211
- [ruckusWLANAPNumSta](#) on page 211

### *ruckusWLANAPMacAddr*

**TABLE 382** ruckusWLANAPMacAddr

Object Name	ruckusWLANAPMacAddr
Parent Node	ruckusWLANAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.1.1.1
Description	The MAC IP address of the AP.

### *ruckusWLANAPUptime*

**TABLE 383** ruckusWLANAPUptime

Object Name	ruckusWLANAPUptime
Parent Node	ruckusWLANAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.1.1.6
Description	The AP uptime.

### *ruckusWLANAPSWversion*

**TABLE 384** ruckusWLANAPSWversion

Object Name	ruckusWLANAPSWversion
Parent Node	ruckusWLANAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.1.1.7
Description	The software version.

### *ruckusWLANAPIPAddr*

**TABLE 385** ruckusWLANAPIPAddr

Object Name	ruckusWLANAPIPAddr
Parent Node	ruckusWLANAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.1.1.10
Description	The IP address.

### *ruckusWLANAPNumSta*

**TABLE 386** ruckusWLANAPNumSta

Object Name	ruckusWLANAPNumSta
Parent Node	ruckusWLANAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.1.1.15
Description	The number of client devices.

## Ruckus SCG WLAN

The following are the MIBs for RUCKUS-SCGWLAN group.

- [ruckusSCGWLANSSID](#) on page 212

- [ruckusSCGWLANZone](#) on page 212
- [ruckusSCGWLANDomain](#) on page 212
- [ruckusSCGWLANNumSta](#) on page 212
- [ruckusSCGWLANRxBytes](#) on page 213
- [ruckusSCGWLANTxBytes](#) on page 213
- [ruckusSCGWLANAuthType](#) on page 213
- [ruckusSCGWLANIndex](#) on page 213

### ***ruckusSCGWLANSSID***

**TABLE 387** ruckusSCGWLANSSID

Object Name	ruckusSCGWLANSSID
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.1
Description	The SSID of WLAN.

### ***ruckusSCGWLANZone***

**TABLE 388** ruckusSCGWLANZone

Object Name	ruckusSCGWLANZone
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.2
Description	The WLAN zone.

### ***ruckusSCGWLANDomain***

**TABLE 389** ruckusSCGWLANDomain

Object Name	ruckusSCGWLANDomain
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.3
Description	The WLAN domain.

### ***ruckusSCGWLANNumSta***

**TABLE 390** ruckusSCGWLANNumSta

Object Name	ruckusSCGWLANNumSta
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.12
Description	The number of client devices.

### *ruckusSCGWLANRxBytes*

**TABLE 391** ruckusSCGWLANRxBytes

Object Name	ruckusSCGWLANRxBytes
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.14
Description	The number of received bytes.

### *ruckusSCGWLANTxBytes*

**TABLE 392** ruckusSCGWLANTxBytes

Object Name	ruckusSCGWLANTxBytes
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.16
Description	The number of transmitted bytes.

### *ruckusSCGWLANAuthType*

**TABLE 393** ruckusSCGWLANAuthType

Object Name	ruckusSCGWLANAuthType
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.17
Description	The authentication type.

### *ruckusSCGWLANIndex*

**TABLE 394** ruckusSCGWLANIndex

Object Name	ruckusSCGWLANIndex
Parent Node	ruckusSCGWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.1.2.1.99
Description	The unique value for each WLAN.

## Ruckus SCG AP Statistics

The following are the MIBs for RUCKUS-SCGAP group.

MIB	MIB
<a href="#">ruckusSCGAPMac</a> on page 214	<a href="#">ruckusSCGAPGroup</a> on page 214
<a href="#">ruckusSCGAPZone</a> on page 214	<a href="#">ruckusSCGAPDomain</a> on page 214
<a href="#">ruckusSCGAPDomain</a> on page 214	<a href="#">ruckusSCGAPUptime</a> on page 215
<a href="#">ruckusSCGAPFWversion</a> on page 215	<a href="#">ruckusSCGAPModel</a> on page 215
<a href="#">ruckusSCGAPSerial</a> on page 215	<a href="#">ruckusSCGAPIp</a> on page 216
<a href="#">ruckusSCGAPIPType</a> on page 216	<a href="#">ruckusSCGAPExtIp</a> on page 216
<a href="#">ruckusSCGAPExtPort</a> on page 216	<a href="#">ruckusSCGAPNumSta</a> on page 216

MIB	MIB
<a href="#">ruckusSCGAPConnStatus</a> on page 217	<a href="#">ruckusSCGAPRegStatus</a> on page 217
<a href="#">ruckusSCGAPConfigStatus</a> on page 217	<a href="#">ruckusSCGAPLocation</a> on page 217
<a href="#">ruckusSCGAPGPSInfo</a> on page 217	<a href="#">ruckusSCGAPMeshRole</a> on page 218
<a href="#">ruckusSCGAPDescription</a> on page 218	<a href="#">ruckusSCGAPRXBytes</a> on page 218
<a href="#">ruckusSCGAPTXBytes</a> on page 218	<a href="#">ruckusSCGAPIpsecSessionTime</a> on page 218
<a href="#">ruckusSCGAPIpsecTXPkts</a> on page 219	<a href="#">ruckusSCGAPIpsecRXPkts</a> on page 219
<a href="#">ruckusSCGAPIpsecTXBytes</a> on page 219	<a href="#">ruckusSCGAPIpsecRXBytes</a> on page 219
<a href="#">ruckusSCGAPIpsecTXPktsDropped</a> on page 219	<a href="#">ruckusSCGAPIpsecRXPktsDropped</a> on page 220
<a href="#">ruckusSCGAPIpsecTXIdleTime</a> on page 220	<a href="#">ruckusSCGAPIpsecRXIdleTime</a> on page 220
<a href="#">ruckusSCGAPIPV6Addr</a> on page 220	

### *ruckusSCGAPMac*

**TABLE 395** ruckusSCGAPMac

Object Name	ruckusSCGAPMac
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.1
Description	The MAC IP address of the AP.

### *ruckusSCGAPGroup*

**TABLE 396** ruckusSCGAPGroup

Object Name	ruckusSCGAPGroup
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.2
Description	The AP group.

### *ruckusSCGAPZone*

**TABLE 397** ruckusSCGAPZone

Object Name	ruckusSCGAPZone
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.3
Description	The AP zone.

### *ruckusSCGAPDomain*

**TABLE 398** ruckusSCGAPDomain

Object Name	ruckusSCGAPDomain
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.4
Description	The AP domain.

### *ruckusSCGAPName*

**TABLE 399** ruckusSCGAPName

Object Name	ruckusSCGAPName
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.5
Description	The AP name.

### *ruckusSCGAPUptime*

**TABLE 400** ruckusSCGAPUptime

Object Name	ruckusSCGAPUptime
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.6
Description	The AP uptime.

### *ruckusSCGAPFWversion*

**TABLE 401** ruckusSCGAPFWversion

Object Name	ruckusSCGAPFWversion
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.7
Description	The AP firmware version.

### *ruckusSCGAPModel*

**TABLE 402** ruckusSCGAPModel

Object Name	ruckusSCGAPModel
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.8
Description	The AP model.

### *ruckusSCGAPSerial*

**TABLE 403** ruckusSCGAPSerial

Object Name	ruckusSCGAPSerial
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.9
Description	The AP serial number.

### *ruckusSCGAPIp*

**TABLE 404** ruckusSCGAPIp

Object Name	ruckusSCGAPIp
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.10
Description	The AP IP address.

### *ruckusSCGAPIPType*

**TABLE 405** ruckusSCGAPIPType

Object Name	ruckusSCGAPIPType
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.11
Description	The AP IP address type.

### *ruckusSCGAPExtIp*

**TABLE 406** ruckusSCGAPExtIp

Object Name	ruckusSCGAPExtIp
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.12
Description	The external IP address.

### *ruckusSCGAPExtPort*

**TABLE 407** ruckusSCGAPExtPort

Object Name	ruckusSCGAPExtPort
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.13
Description	The external port number.

### *ruckusSCGAPNumSta*

**TABLE 408** ruckusSCGAPNumSta

Object Name	ruckusSCGAPNumSta
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.15
Description	The number of stations.



### *ruckusSCGAPConnStatus*

**TABLE 409** ruckusSCGAPConnStatus

Object Name	ruckusSCGAPConnStatus
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.16
Description	The connection status.

### *ruckusSCGAPRegStatus*

**TABLE 410** ruckusSCGAPRegStatus

Object Name	ruckusSCGAPRegStatus
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.17
Description	The registration status, which could either be pending, approved, rejected or swapped.

### *ruckusSCGAPConfigStatus*

**TABLE 411** ruckusSCGAPConfigStatus

Object Name	ruckusSCGAPConfigStatus
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.18
Description	The AP configuration status.

### *ruckusSCGAPLocation*

**TABLE 412** ruckusSCGAPLocation

Object Name	ruckusSCGAPLocation
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.19
Description	The AP location.

### *ruckusSCGAPGPSInfo*

**TABLE 413** ruckusSCGAPGPSInfo

Object Name	ruckusSCGAPGPSInfo
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.20
Description	The GPS information.

### *ruckusSCGAPMeshRole*

**TABLE 414** ruckusSCGAPMeshRole

Object Name	ruckusSCGAPMeshRole
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.21
Description	The AP mesh role.

### *ruckusSCGAPDescription*

**TABLE 415** ruckusSCGAPDescription

Object Name	ruckusSCGAPDescription
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.22
Description	The AP description.

### *ruckusSCGAPRXBytes*

**TABLE 416** ruckusSCGAPRXBytes

Object Name	ruckusSCGAPRXBytes
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.30
Description	The number of received bytes.

### *ruckusSCGAPTXBytes*

**TABLE 417** ruckusSCGAPTXBytes

Object Name	ruckusSCGAPTXBytes
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.31
Description	The number of transmitted bytes.

### *ruckusSCGAPIpsecSessionTime*

**TABLE 418** ruckusSCGAPIpsecSessionTime

Object Name	ruckusSCGAPIpsecSessionTime
Parent Node	ruckusSCGAPTable
Object Identifier	1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.50
Description	The IPsec session time in seconds.

### *ruckusSCGAPIpsecTXPkts*

**TABLE 419** ruckusSCGAPIpsecTXPkts

Object Name	ruckusSCGAPIpsecTXPkts
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.55
Description	The number of packets transmitted in IPsec session.

### *ruckusSCGAPIpsecRXPkts*

**TABLE 420** ruckusSCGAPIpsecRXPkts

Object Name	ruckusSCGAPIpsecRXPkts
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.56
Description	The number of packets received in IPsec session.

### *ruckusSCGAPIpsecTXBytes*

**TABLE 421** ruckusSCGAPIpsecTXBytes

Object Name	ruckusSCGAPIpsecTXBytes
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.57
Description	The number of bytes transmitted in IPsec session.

### *ruckusSCGAPIpsecRXBytes*

**TABLE 422** ruckusSCGAPIpsecRXBytes

Object Name	ruckusSCGAPIpsecRXBytes
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.58
Description	The number of bytes received in IPsec session.

### *ruckusSCGAPIpsecTXPktsDropped*

**TABLE 423** ruckusSCGAPIpsecTXPktsDropped

Object Name	ruckusSCGAPIpsecTXPktsDropped
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.59
Description	The number of transmitted packets that were dropped in IPsec session.

### *ruckusSCGAPIpsecRXPktsDropped*

**TABLE 424** ruckusSCGAPIpsecRXPktsDropped

Object Name	ruckusSCGAPIpsecRXPktsDropped
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.60
Description	The number of received packets that were dropped in IPsec session.

### *ruckusSCGAPIpsecTXIdleTime*

**TABLE 425** ruckusSCGAPIpsecTXIdleTime

Object Name	ruckusSCGAPIpsecTXIdleTime
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.65
Description	The number of seconds since the last transmitted packet in IPsec session.

### *ruckusSCGAPIpsecRXIdleTime*

**TABLE 426** ruckusSCGAPIpsecRXIdleTime

Object Name	ruckusSCGAPIpsecRXIdleTime
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.66
Description	The number of seconds since the last received packet in IPsec session.

### *ruckusSCGAPIPV6Addr*

**TABLE 427** ruckusSCGAPIPV6Addr

Object Name	ruckusSCGAPIPV6Addr
Parent Node	ruckusSCGAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.2.1.150
Description	The IPv6 address of the AP.

## Ruckus SCG WLAN SoftGRE Statistics

The following are the MIBs for RUCKUS-SCGWLANSoftGRE group.

- [ruckusSCGWLANAPSoftGREMacAddr](#) on page 221
- [ruckusSCGWLANAPSoftGREIndex](#) on page 221
- [ruckusSCGWLANAPSoftGREGWAddr](#) on page 221
- [ruckusSCGWLANAPSoftGREActive](#) on page 221
- [ruckusSCGWLANAPSoftGRETxBkts](#) on page 222
- [ruckusSCGWLANAPSoftGRETxBkts](#) on page 222
- [ruckusSCGWLANAPSoftGRERxBkts](#) on page 222
- [ruckusSCGWLANAPSoftGRERxBkts](#) on page 222

- [ruckusSCGWLANAPSoftGRETxErroredPkts](#) on page 222
- [ruckusSCGWLANAPSoftGRERxPktsErr](#) on page 223
- [ruckusSCGWLANAPSoftGRETxErroredPktsDropped](#) on page 223
- [ruckusSCGWLANAPSoftGRERxPktsDropped](#) on page 223
- [ruckusSCGWLANAPSoftGRETxErroredPktsFrag](#) on page 223
- [ruckusSCGWLANAPSoftGREICMPTotal](#) on page 223
- [ruckusSCGWLANAPSoftGREICMPNoReply](#) on page 224
- [ruckusSCGWLANAPSoftGREDisconnect](#) on page 224

### ***ruckusSCGWLANAPSoftGREMacAddr***

**TABLE 428** ruckusSCGWLANAPSoftGREMacAddr

Object Name	ruckusSCGWLANAPSoftGREMacAddr
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.1
Description	The MAC IP address of the AP.

### ***ruckusSCGWLANAPSoftGREIndex***

**TABLE 429** ruckusSCGWLANAPSoftGREIndex

Object Name	ruckusSCGWLANAPSoftGREIndex
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.2
Description	The SoftGRE server index.

### ***ruckusSCGWLANAPSoftGREGWAddr***

**TABLE 430** ruckusSCGWLANAPSoftGREGWAddr

Object Name	ruckusSCGWLANAPSoftGREGWAddr
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.3
Description	The IP address or the FQDN of the SoftGRE server.

### ***ruckusSCGWLANAPSoftGREActive***

**TABLE 431** ruckusSCGWLANAPSoftGREActive

Object Name	ruckusSCGWLANAPSoftGREActive
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.4
Description	The status of the SoftGRE server as either active or inactive.

### *ruckusSCGWLANAPSoftGRETxPkts*

**TABLE 432** ruckusSCGWLANAPSoftGRETxPkts

Object Name	ruckusSCGWLANAPSoftGRETxPkts
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.5
Description	The number of transmitted packets.

### *ruckusSCGWLANAPSoftGRETxBytes*

**TABLE 433** ruckusSCGWLANAPSoftGRETxBytes

Object Name	ruckusSCGWLANAPSoftGRETxBytes
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.6
Description	The number of transmitted bytes.

### *ruckusSCGWLANAPSoftGRERxPkts*

**TABLE 434** ruckusSCGWLANAPSoftGRERxPkts

Object Name	ruckusSCGWLANAPSoftGRERxPkts
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.7
Description	The number of received packets.

### *ruckusSCGWLANAPSoftGRERxBytes*

**TABLE 435** ruckusSCGWLANAPSoftGRERxBytes

Object Name	ruckusSCGWLANAPSoftGRERxBytes
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.8
Description	The number of received bytes.

### *ruckusSCGWLANAPSoftGRETxPktsErr*

**TABLE 436** ruckusSCGWLANAPSoftGRETxPktsErr

Object Name	ruckusSCGWLANAPSoftGRETxPktsErr
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.9
Description	The number of transmitted packets that had errors.

### *ruckusSCGWLANAPSoftGRERxPktsErr*

**TABLE 437** ruckusSCGWLANAPSoftGRERxPktsErr

Object Name	ruckusSCGWLANAPSoftGRERxPktsErr
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.10
Description	The number of received packets that had errors.

### *ruckusSCGWLANAPSoftGRETxBktsDropped*

**TABLE 438** ruckusSCGWLANAPSoftGRETxBktsDropped

Object Name	ruckusSCGWLANAPSoftGRETxBktsDropped
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.11
Description	The number of transmitted packets that dropped.

### *ruckusSCGWLANAPSoftGRERxPktsDropped*

**TABLE 439** ruckusSCGWLANAPSoftGRERxPktsDropped

Object Name	ruckusSCGWLANAPSoftGRERxPktsDropped
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.12
Description	The number of received packets that dropped.

### *ruckusSCGWLANAPSoftGRETxBktsFrag*

**TABLE 440** ruckusSCGWLANAPSoftGRETxBktsFrag

Object Name	ruckusSCGWLANAPSoftGRETxBktsFrag
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.13
Description	The number of oversized transmitted packets.

### *ruckusSCGWLANAPSoftGREICMPTotal*

**TABLE 441** ruckusSCGWLANAPSoftGREICMPTotal

Object Name	ruckusSCGWLANAPSoftGREICMPTotal
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.14
Description	The number of ICMP keep alive request messages.

***ruckusSCGWLANAPSoftGREICMPNoReply*****TABLE 442** ruckusSCGWLANAPSoftGREICMPNoReply

Object Name	ruckusSCGWLANAPSoftGREICMPNoReply
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.15
Description	The number of ICMP keep alive request messages that did not get a response.

***ruckusSCGWLANAPSoftGREDisconnect*****TABLE 443** ruckusSCGWLANAPSoftGREDisconnect

Object Name	ruckusSCGWLANAPSoftGREDisconnect
Parent Node	ruckusSCGWLANAPSoftGREStatsTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.1.1.2.3.1.16
Description	The number of disconnected messages.

## Ruckus SCG Configuration WLAN Statistics

**NOTE**

SNMP set for ruckusSCGConfigWLANTable supports only a few OIDs. Read-only indicates that the particular SNMP set will not be supported.

The following are the MIBs for WLAN configuration nodes.

- [ruckusSCGConfigWLANID](#) on page 225
- [ruckusSCGConfigWLANSSID](#) on page 225
- [ruckusSCGConfigWLANDescription](#) on page 225
- [ruckusSCGConfigWLANName](#) on page 225
- [ruckusSCGZoneName](#) on page 225
- [ruckusSCGConfigWLANWLANServiceType](#) on page 226
- [ruckusSCGConfigWLANAuthentication](#) on page 226
- [ruckusSCGConfigWLANEncryption](#) on page 226
- [ruckusSCGConfigWLANWEPKeyIndex](#) on page 226
- [ruckusSCGConfigWLANWEPKey](#) on page 226
- [ruckusSCGConfigWLANWPAciphertype](#) on page 227
- [ruckusSCGConfigWLANWPAKey](#) on page 227
- [ruckusSCGConfigWLANWirelessClientIsolation](#) on page 227
- [ruckusSCGConfigWLANZeroITActivation](#) on page 227
- [ruckusSCGConfigWLANServicePriority](#) on page 227
- [ruckusSCGConfigWLANAccountingUpdateInterval](#) on page 228
- [ruckusSCGConfigWLANVlanID](#) on page 228
- [ruckusSCGConfigWLANHideSSID](#) on page 228
- [ruckusSCGConfigWLANMaxClientsPerAP](#) on page 228



## ruckusSCGConfigWLANID

**TABLE 444** ruckusSCGConfigWLANID

Object Name	ruckusSCGConfigWLANID (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1
Description	The wireless LAN (WLAN) identifier.

## ruckusSCGConfigWLANSSID

**TABLE 445** ruckusSCGConfigWLANSSID

Object Name	ruckusSCGConfigWLANSSID (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.2
Description	SSID for the wireless LAN (WLAN).

## ruckusSCGConfigWLANDescription

**TABLE 446** ruckusSCGConfigWLANDescription

Object Name	ruckusSCGConfigWLANDescription
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.3
Description	Description of the wireless LAN (WLAN).

## ruckusSCGConfigWLANName

**TABLE 447** ruckusSCGConfigWLANName

Object Name	ruckusSCGConfigWLANName (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.4
Description	Name of the wireless LAN (WLAN).

## ruckusSCGZoneName

**TABLE 448** ruckusSCGZoneName

Object Name	ruckusSCGZoneName (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.5
Description	Zone name of the wireless LAN (WLAN).

## ruckusSCGConfigWLANWLANServiceType

**TABLE 449** ruckusSCGConfigWLANWLANServiceType

Object Name	ruckusSCGConfigWLANWLANServiceType (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.8
Description	Service type of the wireless LAN (WLAN).

## ruckusSCGConfigWLANAuthentication

**TABLE 450** ruckusSCGConfigWLANAuthentication

Object Name	ruckusSCGConfigWLANAuthentication (read-only)
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.10
Description	Authentication method specified for the wireless LAN (WLAN).

## ruckusSCGConfigWLANEncryption

**TABLE 451** ruckusSCGConfigWLANEncryption

Object Name	ruckusSCGConfigWLANEncryption
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.12
Description	Encryption method specified for the wireless LAN (WLAN).

## ruckusSCGConfigWLANWEPKeyIndex

**TABLE 452** ruckusSCGConfigWLANWEPKeyIndex

Object Name	ruckusSCGConfigWLANWEPKeyIndex
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.15
Description	Specify the WEP key index for WEP encryption.

## ruckusSCGConfigWLANWEPKey

**TABLE 453** ruckusSCGConfigWLANWEPKey

Object Name	ruckusSCGConfigWLANWEPKey
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.16
Description	Specify the passphrase for WEP encryption method.

## ruckusSCGConfigWLANWPACipherType

**TABLE 454** ruckusSCGConfigWLANWPACipherType

Object Name	ruckusSCGConfigWLANWEPKey
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.20
Description	Specify the cypher method for WPA encryption.

## ruckusSCGConfigWLANWPAKey

**TABLE 455** ruckusSCGConfigWLANWPAKey

Object Name	ruckusSCGConfigWLANWPAKey
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.21
Description	Specify the passphrase for WPA encryption.

## ruckusSCGConfigWLANWirelessClientIsolation

**TABLE 456** ruckusSCGConfigWLANWirelessClientIsolation

Object Name	ruckusSCGConfigWLANWirelessClientIsolation
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.128
Description	Specify the wireless client Isolation, where clients will be unable to communicate with each other or access any of the restricted subnet.

## ruckusSCGConfigWLANZeroITActivation

**TABLE 457** ruckusSCGConfigWLANZeroITActivation

Object Name	ruckusSCGConfigWLANZeroITActivation
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.30
Description	Enable the Zero IT activation service for wireless LAN.

## ruckusSCGConfigWLANServicePriority

**TABLE 458** ruckusSCGConfigWLANServicePriority

Object Name	ruckusSCGConfigWLANServicePriority
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.32
Description	Specify the quality of service (QOS) priority for wireless LAN.

## ruckusSCGConfigWLANAccountingUpdateInterval

**TABLE 459** ruckusSCGConfigWLANAccountingUpdateInterval

Object Name	ruckusSCGConfigWLANAccountingUpdateInterval
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.36
Description	Specify the interval in minutes for updating the accounting server.

## ruckusSCGConfigWLANVlanID

**TABLE 460** ruckusSCGConfigWLANVlanID

Object Name	ruckusSCGConfigWLANVlanID
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.45
Description	Specify the VLAN identifier of WLAN. If the VLAN ID is 1packets from WLAN will be untagged.

## ruckusSCGConfigWLANHideSSID

**TABLE 461** ruckusSCGConfigWLANHideSSID

Object Name	ruckusSCGConfigWLANHideSSID
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.50
Description	SSID will not be broadcasted by activating the hide tag.

## ruckusSCGConfigWLANMaxClientsPerAP

**TABLE 462** ruckusSCGConfigWLANMaxClientsPerAP

Object Name	ruckusSCGConfigWLANMaxClientsPerAP
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.2.2.1.1.1.1.55
Description	Specify the number of client devices that the AP can service for wireless LAN.

## Ruckus SCG Client Information

The following are the MIBs for client information nodes. These MIBs indicate information on the user equipment's MAC address and status. Operators would need to append the user equipment's MAC address to the string length of 6 (decimal format) as index after each OID to get the required information.

For MAC address of C8:AA:7C:8E:67:C4, it must be translated to equivalent decimal value of 202.170.124.142.103.196 for the query.

For example, use the following command to get the status of the client (with MAC C8:AA:7C:8E:67:C4):

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-MIB::ruckusCtrlClientStatus.  
6.202.170.124.142.103.196
```

**NOTE**

Length of the string index should always be 6. Read only indicates that the particular SNMP set will not be supported.

- [ruckusCtrlClientMac](#) on page 229
- [ruckusCtrlClientStatus](#) on page 229

## ruckusCtrlClientMac

**TABLE 463** ruckusCtrlClientMac

Object Name	ruckusCtrlClientMac (read only)
Parent Node	ruckusCtrlClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.1
Description	MAC address of the user equipment

## ruckusCtrlClientStatus

**TABLE 464** ruckusCtrlClientStatus

Object Name	ruckusCtrlClientStatus (read only)
Parent Node	ruckusCtrlClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.20
Description	The client status is either: 1 Unauthorized 2 Authorized



# Ruckus TTG MIB

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## Introduction

The objects contained in the RUCKUS-TTG-MIB group provide information about TTG and their statistics.

**NOTE**

For details on alarms and events refer to *SmartZone Alarms and Events Guide*.

## Ruckus AAA

The following are the MIBs for RUCKUS-AAA group.

MIB	MIB	MIB
<a href="#">ruckusAAAAaalp</a> on page 231	<a href="#">ruckusAAANumSuccAuthPerm</a> on page 232	<a href="#">ruckusAAANumFailAuthPerm</a> on page 232
<a href="#">ruckusAAANumSuccAuthPsd</a> on page 232	<a href="#">ruckusAAANumFailAuthPsd</a> on page 232	<a href="#">ruckusAAANumSuccFastAuth</a> on page 232
<a href="#">ruckusAAANumFailFastAuth</a> on page 233	<a href="#">ruckusAAANumAuthUnknPsd</a> on page 233	<a href="#">ruckusAAANumAuthUnknFR</a> on page 233
<a href="#">ruckusAAANumIncompleteAuth</a> on page 233	<a href="#">ruckusAAANumSuccAcc</a> on page 233	<a href="#">ruckusAAANumFailAcc</a> on page 234
<a href="#">ruckusAAANumRadAcsRq</a> on page 234	<a href="#">ruckusAAANumRadAcsAcpt</a> on page 234	<a href="#">ruckusAAANumRadAcsChlg</a> on page 234
<a href="#">ruckusAAANumRadAcsRej</a> on page 234	<a href="#">ruckusAAANumRadAccRq</a> on page 235	<a href="#">ruckusAAANumRadAccAcpt</a> on page 235
<a href="#">ruckusAAANumRadCoaRq</a> on page 235	<a href="#">ruckusAAANumSuccCoaAcpt</a> on page 235	<a href="#">ruckusAAANumFailCoaAcpt</a> on page 235
<a href="#">ruckusAAANumRadDmRq</a> on page 236	<a href="#">ruckusAAANumSuccDmAcpt</a> on page 236	<a href="#">ruckusAAANumFailDmAcpt</a> on page 236
<a href="#">ruckusAAAIndex</a> on page 236		

## ruckusAAAAaalp

**TABLE 465** ruckusAAAAaalp

Object Name	ruckusAAAAaalp
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.1
Description	The IP address of the AAA server

## ruckusAAANumSuccAuthPerm

TABLE 466 ruckusAAANumSuccAuthPerm

Object Name	ruckusAAANumSuccAuthPerm
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.2
Description	The number of successful authentications using the <b>Permanent ID</b> .

## ruckusAAANumFailAuthPerm

TABLE 467 ruckusAAANumFailAuthPerm

Object Name	ruckusAAANumFailAuthPerm
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.3
Description	The number of failed authentications using the <b>Permanent ID</b> .

## ruckusAAANumSuccAuthPsd

TABLE 468 ruckusAAANumSuccAuthPsd

Object Name	ruckusAAANumSuccAuthPsd
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.4
Description	The number of successful authentications using the <b>Pseudonym ID</b> .

## ruckusAAANumFailAuthPsd

TABLE 469 ruckusAAANumFailAuthPsd

Object Name	ruckusAAANumFailAuthPsd
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.5
Description	The number of failed authentications using the <b>Pseudonym ID</b> .

## ruckusAAANumSuccFastAuth

TABLE 470 ruckusAAANumSuccFastAuth

Object Name	ruckusAAANumSuccFastAuth
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.6
Description	The number of successful authentications using <b>Fast Re-auth ID</b> .



## ruckusAAANumFailFastAuth

**TABLE 471** ruckusAAANumFailFastAuth

Object Name	ruckusAAANumFailFastAuth
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.7
Description	The number of failed authentications using <b>Fast Re-auth ID</b> .

## ruckusAAANumAuthUnknPsd

**TABLE 472** ruckusAAANumAuthUnknPsd

Object Name	ruckusAAANumAuthUnknPsd
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.8
Description	The number of authentication request for unknown <b>Pseudonym ID</b> .

## ruckusAAANumAuthUnknFR

**TABLE 473** ruckusAAANumAuthUnknFR

Object Name	ruckusAAANumAuthUnknFR
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.9
Description	The number of authentication request for unknown <b>Fast Re-auth ID</b> .

## ruckusAAANumIncompleteAuth

**TABLE 474** ruckusAAANumIncompleteAuth

Object Name	ruckusAAANumIncompleteAuth
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.10
Description	The number of incomplete authentications done.

## ruckusAAANumSuccAcc

**TABLE 475** ruckusAAANumSuccAcc

Object Name	ruckusAAANumSuccAcc
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.11
Description	The number of successful accounting sessions established.

## ruckusAAANumFailAcc

**TABLE 476** ruckusAAANumFailAcc

Object Name	ruckusAAANumFailAcc
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.12
Description	The number of accounting sessions that could not be established.

## ruckusAAANumRadAcsRq

**TABLE 477** ruckusAAANumRadAcsRq

Object Name	ruckusAAANumRadAcsRq
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.13
Description	The number of RADIUS access requests received from the NAS server.

## ruckusAAANumRadAcsAcpt

**TABLE 478** ruckusAAANumRadAcsAcpt

Object Name	ruckusAAANumRadAcsAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.14
Description	The number of RADIUS access accepts sent to the NAS server.

## ruckusAAANumRadAcsChlg

**TABLE 479** ruckusAAANumRadAcsChlg

Object Name	ruckusAAANumRadAcsChlg
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.15
Description	The number of RADIUS access challenge sent to the NAS server.

## ruckusAAANumRadAcsRej

**TABLE 480** ruckusAAANumRadAcsRej

Object Name	ruckusAAANumRadAcsRej
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.16
Description	The number of RADIUS access rejects sent to the NAS sever.

## ruckusAAANumRadAccRq

**TABLE 481** ruckusAAANumRadAccRq

Object Name	ruckusAAANumRadAccRq
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.17
Description	The number of RADIUS accounting requests received.

## ruckusAAANumRadAccAcpt

**TABLE 482** ruckusAAANumRadAccAcpt

Object Name	ruckusAAANumRadAccAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.18
Description	The number of RADIUS accounting accept sent.

## ruckusAAANumRadCoaRq

**TABLE 483** ruckusAAANumRadCoaRq

Object Name	ruckusAAANumRadCoaRq
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.19
Description	The number of RADIUS CoA requests sent to the NAS server.

## ruckusAAANumSuccCoaAcpt

**TABLE 484** ruckusAAANumSuccCoaAcpt

Object Name	ruckusAAANumSuccCoaAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.20
Description	The number of RADIUS CoA success responses received.

## ruckusAAANumFailCoaAcpt

**TABLE 485** ruckusAAANumFailCoaAcpt

Object Name	ruckusAAANumFailCoaAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.21
Description	The number of RADIUS CoA failure responses received.

## ruckusAAANumRadDmRq

**TABLE 486** ruckusAAANumRadDmRq

Object Name	ruckusAAANumRadDmRq
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.22
Description	The number of RADIUS DM requests sent.

## ruckusAAANumSuccDmAcpt

**TABLE 487** ruckusAAANumSuccDmAcpt

Object Name	ruckusAAANumSuccDmAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.23
Description	The number of RADIUS DM success responses received.

## ruckusAAANumFailDmAcpt

**TABLE 488** ruckusAAANumFailDmAcpt

Object Name	ruckusAAANumFailDmAcpt
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.24
Description	The number of RADIUS DM failure responses received.

## ruckusAAAIndex

**TABLE 489** ruckusAAAIndex

Object Name	ruckusAAAIndex
Parent Node	ruckusAAATable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.1.1.99
Description	The AAA index.

# Ruckus AAA Proxy

The following are the MIBs for RUCKUS-AAA-Proxy group.

MIB	MIB	MIB
<a href="#">ruckusAAAProxyAaalp on page 237</a>	<a href="#">ruckusAAAProxyNumSuccAuth on page 237</a>	<a href="#">ruckusAAAProxyNumFailAuth on page 237</a>
<a href="#">ruckusAAAProxyNumIncmpltAuth on page 237</a>	<a href="#">ruckusAAAProxyNumSuccAcc on page 238</a>	<a href="#">ruckusAAAProxyNumFailAcc on page 238</a>
<a href="#">ruckusAAAProxyNumAcsRqRcvdNas on page 238</a>	<a href="#">ruckusAAAProxyNumAcsRqSntAaa on page 238</a>	<a href="#">ruckusAAAProxyNumAcsChRcvdAaa on page 238</a>
<a href="#">ruckusAAAProxyNumAcsChSntNas on page 239</a>	<a href="#">ruckusAAAProxyNumAcsAcpRcvdAaa on page 239</a>	<a href="#">ruckusAAAProxyNumAcsAcpRcvdAaa on page 239</a>
<a href="#">ruckusAAAProxyNumAcsAcpSntNas on page 239</a>	<a href="#">ruckusAAAProxyNumAcsRejRcvdAaa on page 239</a>	<a href="#">ruckusAAAProxyNumAcsRejSntNas on page 239</a>

MIB	MIB	MIB
<a href="#">ruckusAAAProxyNumAccRqRcvdNas</a> on page 240	<a href="#">ruckusAAAProxyNumAccRqSntAaa</a> on page 240	<a href="#">ruckusAAAProxyNumAccRspRcdAaa</a> on page 240
<a href="#">ruckusAAAProxyNumAccRspSntNas</a> on page 240	<a href="#">ruckusAAAProxyNumCoaRcvdAaa</a> on page 240	<a href="#">ruckusAAAProxyNumCoaSucSntAaa</a> on page 241
<a href="#">ruckusAAAProxyNumCoaFailSntAaa</a> on page 241	<a href="#">ruckusAAAProxyNumDmRcvdAaa</a> on page 241	<a href="#">ruckusAAAProxyNumDmSucRcdNas</a> on page 241
<a href="#">ruckusAAAProxyNumDmSucSntAaa</a> on page 242	<a href="#">ruckusAAAProxyNumDmFailRcdNas</a> on page 242	<a href="#">ruckusAAAProxyNumDmFailSntAaa</a> on page 242
<a href="#">ruckusAAAProxyIndex</a> on page 242		

## ruckusAAAProxyAaalp

**TABLE 490** ruckusAAAProxyAaalp

Object Name	ruckusAAAProxyAaalp
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.1
Description	The IP address of the AAA proxy server.

## ruckusAAAProxyNumSuccAuth

**TABLE 491** ruckusAAAProxyNumSuccAuth

Object Name	ruckusAAAProxyNumSuccAuth
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.2
Description	The number of successful authentications.

## ruckusAAAProxyNumFailAuth

**TABLE 492** ruckusAAAProxyNumFailAuth

Object Name	ruckusAAAProxyNumFailAuth
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.3
Description	The number of failed authentications.

## ruckusAAAProxyNumIncmpltAuth

**TABLE 493** ruckusAAAProxyNumIncmpltAuth

Object Name	ruckusAAAProxyNumIncmpltAuth
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.4
Description	The number of incomplete authentications.

## ruckusAAAProxyNumSuccAcc

**TABLE 494** ruckusAAAProxyNumSuccAcc

Object Name	ruckusAAAProxyNumSuccAcc
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.5
Description	The number of successful accounting sessions established.

## ruckusAAAProxyNumFailAcc

**TABLE 495** ruckusAAAProxyNumFailAcc

Object Name	ruckusAAAProxyNumFailAcc
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.6
Description	The number of accounting sessions that could not be established.

## ruckusAAAProxyNumAcsRqRcvdNas

**TABLE 496** ruckusAAAProxyNumAcsRqRcvdNas

Object Name	ruckusAAAProxyNumAcsRqRcvdNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.7
Description	The number of RADIUS access requests received from the NAS server.

## ruckusAAAProxyNumAcsRqSntAaa

**TABLE 497** ruckusAAAProxyNumAcsRqSntAaa

Object Name	ruckusAAAProxyNumAcsRqSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.8
Description	The number of RADIUS access requests sent to the AAA server.

## ruckusAAAProxyNumAcsChRcvdAaa

**TABLE 498** ruckusAAAProxyNumAcsChRcvdAaa

Object Name	ruckusAAAProxyNumAcsChRcvdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.9
Description	The number of RADIUS access challenge received from the AAA server.

## ruckusAAAProxyNumAcsChSntNas

**TABLE 499** ruckusAAAProxyNumAcsChSntNas

Object Name	ruckusAAAProxyNumAcsChSntNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.10
Description	The number of RADIUS access challenge sent to the NAS server.

## ruckusAAAProxyNumAcsAcpRcvdAaa

**TABLE 500** ruckusAAAProxyNumAcsAcpRcvdAaa

Object Name	ruckusAAAProxyNumAcsAcpRcvdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.11
Description	The number of RADIUS access accepts received from the AAA server.

## ruckusAAAProxyNumAcsAcpSntNas

**TABLE 501** ruckusAAAProxyNumAcsAcpSntNas

Object Name	ruckusAAAProxyNumAcsAcpSntNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.12
Description	The number of RADIUS access accepts sent to the NAS server.

## ruckusAAAProxyNumAcsRejRcvdAaa

**TABLE 502** ruckusAAAProxyNumAcsRejRcvdAaa

Object Name	ruckusAAAProxyNumAcsRejRcvdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.13
Description	The number of RADIUS access rejects received from the AAA server.

## ruckusAAAProxyNumAcsRejSntNas

**TABLE 503** ruckusAAAProxyNumAcsRejSntNas

Object Name	ruckusAAAProxyNumAcsRejSntNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.14
Description	The number of RADIUS access rejects sent to the NAS server.

## ruckusAAAProxyNumAccRqRcvdNas

**TABLE 504** ruckusAAAProxyNumAccRqRcvdNas

Object Name	ruckusAAAProxyNumAccRqRcvdNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.15
Description	The number of RADIUS accounting requests received from the NAS server.

## ruckusAAAProxyNumAccRqSntAaa

**TABLE 505** ruckusAAAProxyNumAccRqSntAaa

Object Name	ruckusAAAProxyNumAccRqSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.16
Description	The number of RADIUS accounting requests sent to the AAA server.

## ruckusAAAProxyNumAccRspRcdAaa

**TABLE 506** ruckusAAAProxyNumAccRspRcdAaa

Object Name	ruckusAAAProxyNumAccRspRcdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.17
Description	The number of RADIUS accounting response received from the AAA server.

## ruckusAAAProxyNumAccRspSntNas

**TABLE 507** ruckusAAAProxyNumAccRspSntNas

Object Name	ruckusAAAProxyNumAccRspSntNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.18
Description	The number of RADIUS accounting response sent to the NAS server.

## ruckusAAAProxyNumCoaRcvdAaa

**TABLE 508** ruckusAAAProxyNumCoaRcvdAaa

Object Name	ruckusAAAProxyNumCoaRcvdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.19
Description	The number of RADIUS CoA requests received from the AAA server.



## ruckusAAAProxyNumCoaSucSntAaa

**TABLE 509** ruckusAAAProxyNumCoaSucSntAaa

Object Name	ruckusAAAProxyNumCoaSucSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.20
Description	The number of RADIUS CoA success responses sent to the AAA server.

## ruckusAAAProxyNumCoaFailSntAaa

**TABLE 510** ruckusAAAProxyNumCoaFailSntAaa

Object Name	ruckusAAAProxyNumCoaFailSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.21
Description	The number of RADIUS CoA failure responses sent to the AAA server.

## ruckusAAAProxyNumDmRcvdAaa

**TABLE 511** ruckusAAAProxyNumDmRcvdAaa

Object Name	ruckusAAAProxyNumDmRcvdAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.22
Description	The number of RADIUS DM requests received from the AAA server.

## ruckusAAAProxyNumDmSntNas

**TABLE 512** ruckusAAAProxyNumDmSntNas

Object Name	ruckusAAAProxyNumDmSntNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.23
Description	The number of RADIUS DM requests sent to the NAS server.

## ruckusAAAProxyNumDmSucRcdNas

**TABLE 513** ruckusAAAProxyNumDmSucRcdNas

Object Name	ruckusAAAProxyNumDmSucRcdNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.24
Description	The number of RADIUS DM success responses received from the NAS server.

## ruckusAAAProxyNumDmSucSntAaa

**TABLE 514** ruckusAAAProxyNumDmSucSntAaa

Object Name	ruckusAAAProxyNumDmSucSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.25
Description	The number of RADIUS DM success responses sent to the AAA server.

## ruckusAAAProxyNumDmFailRcdNas

**TABLE 515** ruckusAAAProxyNumDmFailRcdNas

Object Name	ruckusAAAProxyNumDmFailRcdNas
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.26
Description	The number of RADIUS DM failure responses received from the NAS server.

## ruckusAAAProxyNumDmFailSntAaa

**TABLE 516** ruckusAAAProxyNumDmFailSntAaa

Object Name	ruckusAAAProxyNumDmFailSntAaa
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.27
Description	The number of RADIUS DM failure responses sent to the AAA server.

## ruckusAAAProxyIndex

**TABLE 517** ruckusAAAProxyIndex

Object Name	ruckusAAAProxyIndex
Parent Node	ruckusAAAProxyTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.2.1.1.99
Description	The AAA proxy index.

# Ruckus CGF

The following are the MIBs for RUCKUS-CGF group.

- [ruckusCGFCgfSrvName](#) on page 243
- [ruckusCGFCgfIp](#) on page 243
- [ruckusCGFNumSuccCdrTxfd](#) on page 243
- [ruckusCGFNumCdrTxfrFail](#) on page 243
- [ruckusCGFNumCdrPossDup](#) on page 244
- [ruckusCGFNumCdrRIsReq](#) on page 244

- [ruckusCGFNumCdrCnclReq](#) on page 244
- [ruckusCGFNumDrtrReqSnt](#) on page 244
- [ruckusCGFNumDrtrSucRspRcvd](#) on page 244
- [ruckusCGFNumDrtrFailRspRcvd](#) on page 245
- [ruckusCGFIndex](#) on page 245

## ruckusCGFCgfSvcName

**TABLE 518** ruckusCGFCgfSvcName

Object Name	ruckusCGFCgfSvcName
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.1
Description	The CGF service name as configured in the controller web interface.

## ruckusCGFCgflp

**TABLE 519** ruckusCGFCgflp

Object Name	ruckusCGFCgflp
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.2
Description	The IP address of the CGF server.

## ruckusCGFNumSuccCdrTxfd

**TABLE 520** ruckusCGFNumSuccCdrTxfd

Object Name	ruckusCGFNumSuccCdrTxfd
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.3
Description	The number of successful CDRs transferred to the CGF server.

## ruckusCGFNumCdrTxfrFail

**TABLE 521** ruckusCGFNumCdrTxfrFail

Object Name	ruckusCGFNumCdrTxfrFail
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.4
Description	The number of failed CDRs transfer.

## ruckusCGFNumCdrPossDup

**TABLE 522** ruckusCGFNumCdrPossDup

Object Name	ruckusCGFNumCdrPossDup
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.5
Description	The number of CDRs sent as duplicates.

## ruckusCGFNumCdrRlsReq

**TABLE 523** ruckusCGFNumCdrRlsReq

Object Name	ruckusCGFNumCdrRlsReq
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.6
Description	The number of CDRs that the controller requires to be released from the CGF server.

## ruckusCGFNumCdrCnclReq

**TABLE 524** ruckusCGFNumCdrCnclReq

Object Name	ruckusCGFNumCdrCnclReq
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.7
Description	The number of CDRs that the controller requires to be canceled from the CGF server.

## ruckusCGFNumDrtrReqSnt

**TABLE 525** ruckusCGFNumDrtrReqSnt

Object Name	ruckusCGFNumDrtrReqSnt
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.8
Description	The number of data record transfer request sent.

## ruckusCGFNumDrtrSucRspRcvd

**TABLE 526** ruckusCGFNumDrtrSucRspRcvd

Object Name	ruckusCGFNumDrtrSucRspRcvd
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.9
Description	The number of successful data record transfer responses received.

## ruckusCGFNumDrtrFailRspRcvd

**TABLE 527** ruckusCGFNumDrtrFailRspRcvd

Object Name	ruckusCGFNumDrtrFailRspRcvd
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.10
Description	The number of failed data record transfer responses.

## ruckusCGFIndex

**TABLE 528** ruckusCGFIndex

Object Name	ruckusCGFIndex
Parent Node	ruckusCGFTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.3.1.1.99
Description	The CGF index.

# Ruckus GTPU

The following are the MIBs for RUCKUS-GTPU group.

- [ruckusGTPUGgsnIPAddr](#) on page 245
- [ruckusGTPUTxPkts](#) on page 246
- [ruckusGTPUTxBytes](#) on page 246
- [ruckusGTPURxPkts](#) on page 246
- [ruckusGTPURxBytes](#) on page 246
- [ruckusGTPUTxDrops](#) on page 246
- [ruckusGTPURxDrops](#) on page 247
- [ruckusGTPUNumBadGTPU](#) on page 247
- [ruckusGTPUNumRXTeidInvalid](#) on page 247
- [ruckusGTPUNumTXTeidInvalid](#) on page 247
- [ruckusGTPUNumOfEchoRX](#) on page 247
- [ruckusGTPUIndex](#) on page 248

## ruckusGTPUGgsnIPAddr

**TABLE 529** ruckusGTPUGgsnIPAddr

Object Name	ruckusGTPUGgsnIPAddr
Parent Node	ruckusGTPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.1
Description	The GGSN IP address.

## ruckusGTPUTxPkts

**TABLE 530** ruckusGTPUTxPkts

Object Name	ruckusGTPUTxPkts
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.2
Description	The number of packets sent to GGSN.

## ruckusGTPUTxBytes

**TABLE 531** ruckusGTPUTxBytes

Object Name	ruckusGTPUTxBytes
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.3
Description	The number of bytes sent to GGSN.

## ruckusGTPURxPkts

**TABLE 532** ruckusGTPURxPkts

Object Name	ruckusGTPURxPkts
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.4
Description	The number of packets received from GGSN.

## ruckusGTPURxBytes

**TABLE 533** ruckusGTPURxBytes

Object Name	ruckusGTPURxBytes
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.5
Description	The number of bytes received from GGSN.

## ruckusGTPUTxDrops

**TABLE 534** ruckusGTPUTxDrops

Object Name	ruckusGTPUTxDrops
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.6
Description	The number of packets sent to GGSN that failed.

## ruckusGTPURxDrops

**TABLE 535** ruckusGTPURxDrops

Object Name	ruckusGTPURxDrops
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.7
Description	The number of packets sent from GGSN that failed.

## ruckusGTPUNumBadGTPU

**TABLE 536** ruckusGTPUNumBadGTPU

Object Name	ruckusGTPUNumBadGTPU
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.8
Description	The number of packets received from GGSN with bad GTP header.

## ruckusGTPUNumRXTeidInvalid

**TABLE 537** ruckusGTPUNumRXTeidInvalid

Object Name	ruckusGTPUNumRXTeidInvalid
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.9
Description	The number of packets received from GGSN with bad TEID.

## ruckusGTPUNumTXTeidInvalid

**TABLE 538** ruckusGTPUNumTXTeidInvalid

Object Name	ruckusGTPUNumTXTeidInvalid
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.10
Description	The number of packets sent to GGSN with bad / unknown TEID.

## ruckusGTPUNumOfEchoRX

**TABLE 539** ruckusGTPUNumOfEchoRX

Object Name	ruckusGTPUNumOfEchoRX
Parent Node	ruckusGPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.11
Description	The number of GTPi echo requests received from GGSN.

## ruckusGTPUIndex

**TABLE 540** ruckusGTPUIndex

Object Name	ruckusGTPUIndex
Parent Node	ruckusGTPUTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.4.1.1.99
Description	The GTPU index.

## Ruckus GGSN GTPC

The following are the MIBs for RUCKUS-GGSNGTPC group.

MIB	MIB	MIB
<a href="#">ruckusGGSNGTPCGgsnIp</a> on page 248	<a href="#">ruckusGGSNGTPCNumActPdp</a> on page 248	<a href="#">ruckusGGSNGTPCSuccPdpCrt</a> on page 249
<a href="#">ruckusGGSNGTPCFailPdpCrt</a> on page 249	<a href="#">ruckusGGSNGTPCSuccPdpUpdRcvd</a> on page 249	<a href="#">ruckusGGSNGTPCFailPdpUpdRcvd</a> on page 249
<a href="#">ruckusGGSNGTPCSuccPdpUpdInitRM</a> on page 249	<a href="#">ruckusGGSNGTPCFailPdpUpdInitRM</a> on page 250	<a href="#">ruckusGGSNGTPCSuccPdpUpdInitAAA</a> on page 250
<a href="#">ruckusGGSNGTPCFailPdpUpdInitAAA</a> on page 250	<a href="#">ruckusGGSNGTPCSuccPdpUpdInitHLR</a> on page 250	<a href="#">ruckusGGSNGTPCFailPdpUpdInitHLR</a> on page 250
<a href="#">ruckusGGSNGTPCSuccDelPdpRcvd</a> on page 251	<a href="#">ruckusGGSNGTPCFailDelPdpRcvd</a> on page 251	<a href="#">ruckusGGSNGTPCSuccDelPdpInitErr</a> on page 251
<a href="#">ruckusGGSNGTPCFailDelPdpInitErr</a> on page 251	<a href="#">ruckusGGSNGTPCSuccDelPdpInitDM</a> on page 251	<a href="#">ruckusGGSNGTPCFailDelPdpInitDM</a> on page 252
<a href="#">ruckusGGSNGTPCSuccDelPdpInitHLR</a> on page 252	<a href="#">ruckusGGSNGTPCFailDelPdpInitHLR</a> on page 252	<a href="#">ruckusGGSNGTPCSuccDelPdpInitSCG</a> on page 252
<a href="#">ruckusGGSNGTPCSuccDelPdpInitAP</a> on page 253	<a href="#">ruckusGGSNGTPCFailDelPdpInitAP</a> on page 253	<a href="#">ruckusGGSNGTPCSuccDelPdpInitD</a> on page 253
<a href="#">ruckusGGSNGTPCFailDelPdpInitD</a> on page 253	<a href="#">ruckusGGSNGTPCSuccDelPdpInitClnt</a> on page 253	<a href="#">ruckusGGSNGTPCFailDelPdpInitClnt</a> on page 254
<a href="#">ruckusGGSNGTPCIndex</a> on page 254		

## ruckusGGSNGTPCGgsnIp

**TABLE 541** ruckusGGSNGTPCGgsnIp

Object Name	ruckusGGSNGTPCGgsnIp
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.1
Description	The IP address of the GGSN for creating the PDP context.

## ruckusGGSNGTPCNumActPdp

**TABLE 542** ruckusGGSNGTPCNumActPdp

Object Name	ruckusGGSNGTPCNumActPdp
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.2
Description	The number of active PDP contexts that exists for a specified GGSN.



## ruckusGGSNGTPCSuccPdpCrt

**TABLE 543** ruckusGGSNGTPCSuccPdpCrt

Object Name	ruckusGGSNGTPCSuccPdpCrt
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.3
Description	The number of PDP contexts created successfully.

## ruckusGGSNGTPCFailPdpCrt

**TABLE 544** ruckusGGSNGTPCFailPdpCrt

Object Name	ruckusGGSNGTPCFailPdpCrt
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.4
Description	The number of PDP contexts that could not be created.

## ruckusGGSNGTPCSuccPdpUpdRcvd

**TABLE 545** ruckusGGSNGTPCSuccPdpUpdRcvd

Object Name	ruckusGGSNGTPCSuccPdpUpdRcvd
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.5
Description	The number of successful updates from GGSN.

## ruckusGGSNGTPCFailPdpUpdRcvd

**TABLE 546** ruckusGGSNGTPCFailPdpUpdRcvd

Object Name	ruckusGGSNGTPCFailPdpUpdRcvd
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.6
Description	The number of failed updates from GGSN.

## ruckusGGSNGTPCSuccPdpUpdInitRM

**TABLE 547** ruckusGGSNGTPCSuccPdpUpdInitRM

Object Name	ruckusGGSNGTPCSuccPdpUpdInitRM
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.7
Description	The number of successful roaming updates.

## ruckusGGSNGTPCFailPdpUpdInitRM

**TABLE 548** ruckusGGSNGTPCFailPdpUpdInitRM

Object Name	ruckusGGSNGTPCFailPdpUpdInitRM
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.8
Description	The number of failed roaming updates.

## ruckusGGSNGTPCSuccPdpUpdInitAAA

**TABLE 549** ruckusGGSNGTPCSuccPdpUpdInitAAA

Object Name	ruckusGGSNGTPCSuccPdpUpdInitAAA
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.9
Description	The number of successful updates based on CoA from the AAA server.

## ruckusGGSNGTPCFailPdpUpdInitAAA

**TABLE 550** ruckusGGSNGTPCFailPdpUpdInitAAA

Object Name	ruckusGGSNGTPCFailPdpUpdInitAAA
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.10
Description	The number of failed updates based on CoA from the AAA server.

## ruckusGGSNGTPCSuccPdpUpdInitHLR

**TABLE 551** ruckusGGSNGTPCSuccPdpUpdInitHLR

Object Name	ruckusGGSNGTPCSuccPdpUpdInitHLR
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.11
Description	The number of successful updates based on HLR events.

## ruckusGGSNGTPCFailPdpUpdInitHLR

**TABLE 552** ruckusGGSNGTPCFailPdpUpdInitHLR

Object Name	ruckusGGSNGTPCFailPdpUpdInitHLR
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.12
Description	The number of failed updates based on HLR events.

## ruckusGGSNGTPCSuccDelPdpRcvd

**TABLE 553** ruckusGGSNGTPCSuccDelPdpRcvd

Object Name	ruckusGGSNGTPCSuccDelPdpRcvd
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.13
Description	The number of successful deletes from GGSN.

## ruckusGGSNGTPCFailDelPdpRcvd

**TABLE 554** ruckusGGSNGTPCFailDelPdpRcvd

Object Name	ruckusGGSNGTPCFailDelPdpRcvd
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.14
Description	The number of failed deletes from GGSN.

## ruckusGGSNGTPCSuccDelPdpInitErr

**TABLE 555** ruckusGGSNGTPCSuccDelPdpInitErr

Object Name	ruckusGGSNGTPCSuccDelPdpInitErr
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.15
Description	The number of successful deletes based on critical errors.

## ruckusGGSNGTPCFailDelPdpInitErr

**TABLE 556** ruckusGGSNGTPCFailDelPdpInitErr

Object Name	ruckusGGSNGTPCFailDelPdpInitErr
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.16
Description	The number of failed deletes based on critical errors.

## ruckusGGSNGTPCSuccDelPdpInitDM

**TABLE 557** ruckusGGSNGTPCSuccDelPdpInitDM

Object Name	ruckusGGSNGTPCSuccDelPdpInitDM
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.17
Description	The number of successful deletes from the AAA server, based on the DM.

## ruckusGGSNGTPCFailDelPdpInitDM

**TABLE 558** ruckusGGSNGTPCFailDelPdpInitDM

Object Name	ruckusGGSNGTPCFailDelPdpInitDM
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.18
Description	The number of failed deletes from the AAA server based on DM.

## ruckusGGSNGTPCSuccDelPdpInitHLR

**TABLE 559** ruckusGGSNGTPCSuccDelPdpInitHLR

Object Name	ruckusGGSNGTPCSuccDelPdpInitHLR
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.19
Description	The number of successful deletes based on HLR events.

## ruckusGGSNGTPCFailDelPdpInitHLR

**TABLE 560** ruckusGGSNGTPCFailDelPdpInitHLR

Object Name	ruckusGGSNGTPCFailDelPdpInitHLR
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.20
Description	The number of failed deletes based on HLR events.

## ruckusGGSNGTPCSuccDelPdpInitSCG

**TABLE 561** ruckusGGSNGTPCSuccDelPdpInitSCG

Object Name	ruckusGGSNGTPCSuccDelPdpInitSCG
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.21
Description	The number of successful deletes based on the timeout.

## ruckusGGSNGTPCFailDelPdpInitSCG

**TABLE 562** ruckusGGSNGTPCFailDelPdpInitSCG

Object Name	ruckusGGSNGTPCFailDelPdpInitSCG
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.22
Description	The number of failed deletes based on the timeout.

## ruckusGGSNGTPCSuccDelPdplnitAP

**TABLE 563** ruckusGGSNGTPCSuccDelPdplnitAP

Object Name	ruckusGGSNGTPCSuccDelPdplnitAP
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.23
Description	The number of successful deletes from the AP based on the timeout.

## ruckusGGSNGTPCFailDelPdplnitAP

**TABLE 564** ruckusGGSNGTPCFailDelPdplnitAP

Object Name	ruckusGGSNGTPCFailDelPdplnitAP
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.24
Description	The number of failed deletes from the AP based on the timeout.

## ruckusGGSNGTPCSuccDelPdplnitD

**TABLE 565** ruckusGGSNGTPCSuccDelPdplnitD

Object Name	ruckusGGSNGTPCSuccDelPdplnitD
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.25
Description	The number of successful deletes from data plane based on the timeout.

## ruckusGGSNGTPCFailDelPdplnitD

**TABLE 566** ruckusGGSNGTPCFailDelPdplnitD

Object Name	ruckusGGSNGTPCFailDelPdplnitD
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.26
Description	The number of failed deletes from data plane based on the timeout.

## ruckusGGSNGTPCSuccDelPdplnitClnt

**TABLE 567** ruckusGGSNGTPCSuccDelPdplnitClnt

Object Name	ruckusGGSNGTPCSuccDelPdplnitClnt
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.27
Description	The number of successful client initiated deletes.

## ruckusGGSNGTPCFailDelPdplnitClnt

**TABLE 568** ruckusGGSNGTPCFailDelPdplnitClnt

Object Name	ruckusGGSNGTPCFailDelPdplnitClnt
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.28
Description	The number of failed client initiated deletes.

## ruckusGGSNGTPCIndex

**TABLE 569** ruckusGGSNGTPCIndex

Object Name	ruckusGGSNGTPCIndex
Parent Node	ruckusGGSNGTPCTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.5.1.1.99
Description	The GGSN index

# Ruckus HLR

The following are the MIBs for RUCKUS-HLR group.

MIB	MIB	MIB
<a href="#">ruckusHLRHlrSrvcName</a> on page 254	<a href="#">ruckusHLRNumSucAuthInfoReqSim</a> on page 255	<a href="#">ruckusHLRNumAuthInfoRqErrHlrSim</a> on page 255
<a href="#">ruckusHLRNumAuthInfoRqTmotSim</a> on page 255	<a href="#">ruckusHLRNumSucAuthInfoReqAka</a> on page 255	<a href="#">ruckusHLRNumAuthInfoRqErrHlrAka</a> on page 255
<a href="#">ruckusHLRNumAuthInfoRqTmotAka</a> on page 256	<a href="#">ruckusHLRNumUpdGprsSuccSim</a> on page 256	<a href="#">ruckusHLRNumUpdGprsFailErrSim</a> on page 256
<a href="#">ruckusHLRNumUpdGprsFailTmoSim</a> on page 256	<a href="#">ruckusHLRNumUpdGprsSuccAka</a> on page 256	<a href="#">ruckusHLRNumUpdGprsFailErrAka</a> on page 257
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## ruckusHLRHlrSrvcName

**TABLE 570** ruckusHLRHlrSrvcName

Object Name	ruckusHLRHlrSrvcName
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.1
Description	The HLR service name as configured in the web interface.

## ruckusHLRNumSucAuthInfoReqSim

**TABLE 571** ruckusHLRNumSucAuthInfoReqSim

Object Name	ruckusHLRNumSucAuthInfoReqSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.2
Description	The number of successful procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-SIM.

## ruckusHLRNumAuthInfoRqErrHlrSim

**TABLE 572** ruckusHLRNumAuthInfoRqErrHlrSim

Object Name	ruckusHLRNumAuthInfoRqErrHlrSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.3
Description	The number of failed procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-SIM.

## ruckusHLRNumAuthInfoRqTmotSim

**TABLE 573** ruckusHLRNumAuthInfoRqTmotSim

Object Name	ruckusHLRNumAuthInfoRqTmotSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.4
Description	The number of failed procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-SIM due to timeout.

## ruckusHLRNumSucAuthInfoReqAka

**TABLE 574** ruckusHLRNumSucAuthInfoReqAka

Object Name	ruckusHLRNumSucAuthInfoReqAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.5
Description	The number of successful procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-AKA.

## ruckusHLRNumAuthInfoRqErrHlrAka

**TABLE 575** ruckusHLRNumAuthInfoRqErrHlrAka

Object Name	ruckusHLRNumAuthInfoRqErrHlrAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.6
Description	The number of failed procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-AKA.

## ruckusHLRNumAuthInfoRqTmotAka

**TABLE 576** ruckusHLRNumAuthInfoRqTmotAka

Object Name	ruckusHLRNumAuthInfoRqTmotAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.7
Description	The number of failed procedures from <b>MAP-SEND-AUTH-INFO-REQ</b> for EAP-AKA due to timeout.

## ruckusHLRNumUpdGprsSuccSim

**TABLE 577** ruckusHLRNumUpdGprsSuccSim

Object Name	ruckusHLRNumUpdGprsSuccSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.8
Description	The number of successful procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-SIM.

## ruckusHLRNumUpdGprsFailErrSim

**TABLE 578** ruckusHLRNumUpdGprsFailErrSim

Object Name	ruckusHLRNumUpdGprsFailErrSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.9
Description	The number of failed procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-SIM.

## ruckusHLRNumUpdGprsFailTmoSim

**TABLE 579** ruckusHLRNumUpdGprsFailTmoSim

Object Name	ruckusHLRNumUpdGprsFailTmoSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.10
Description	The number of failed procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-SIM due to timeout.

## ruckusHLRNumUpdGprsSuccAka

**TABLE 580** ruckusHLRNumUpdGprsSuccAka

Object Name	ruckusHLRNumUpdGprsSuccAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.11
Description	The number of successful procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-AKA.



## ruckusHLRNumUpdGprsFailErrAka

**TABLE 581** ruckusHLRNumUpdGprsFailErrAka

Object Name	ruckusHLRNumUpdGprsFailErrAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.12
Description	The number of failed procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-AKA.

## ruckusHLRNumUpdGprsFailTmoAka

**TABLE 582** ruckusHLRNumUpdGprsFailTmoAka

Object Name	ruckusHLRNumUpdGprsFailTmoAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.13
Description	The number of failed procedures from <b>MAP-GPRS-UPDATE-LOCATION-REQ</b> for EAP-AKA due to timeout.

## ruckusHLRNumRstDtaSuccSim

**TABLE 583** ruckusHLRNumRstDtaSuccSim

Object Name	ruckusHLRNumRstDtaSuccSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.14
Description	The number of successful procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-SIM.

## ruckusHLRNumRstDtaFailErrHlrSim

**TABLE 584** ruckusHLRNumRstDtaFailErrHlrSim

Object Name	ruckusHLRNumRstDtaFailErrHlrSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.15
Description	The number of failed procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-SIM.

## ruckusHLRNumRstDtaFailTmoSim

**TABLE 585** ruckusHLRNumRstDtaFailTmoSim

Object Name	ruckusHLRNumRstDtaFailTmoSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.16
Description	The number of failed procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-SIM due to timeout.

## ruckusHLRNumRstDtaSuccAka

**TABLE 586** ruckusHLRNumRstDtaSuccAka

Object Name	ruckusHLRNumRstDtaSuccAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.17
Description	The number of successful procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-AKA.

## ruckusHLRNumRstDtaFailErrHlrAka

**TABLE 587** ruckusHLRNumRstDtaFailErrHlrAka

Object Name	ruckusHLRNumRstDtaFailErrHlrAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.18
Description	The number of failed procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-AKA.

## ruckusHLRNumRstDtaFailTmoAka

**TABLE 588** ruckusHLRNumRstDtaFailTmoAka

Object Name	ruckusHLRNumRstDtaFailTmoAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.19
Description	The number of failed procedures from <b>MAP-RESTORE-DATA-REQ</b> for EAP-AKA due to timeout.

## ruckusHLRNumInsrtDtaSuccSim

**TABLE 589** ruckusHLRNumInsrtDtaSuccSim

Object Name	ruckusHLRNumInsrtDtaSuccSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.20
Description	The number of successful procedures from <b>MAP-INSERT-SUBSCRIBER-DATA</b> for EAP-SIM.

## ruckusHLRNumInsrtDtaFailSim

**TABLE 590** ruckusHLRNumInsrtDtaFailSim

Object Name	ruckusHLRNumInsrtDtaFailSim
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.21
Description	The number of failed procedures from <b>MAP-INSERT-SUBSCRIBER-DATA</b> for EAP-SIM.

## ruckusHLRNumInsrtDtaSuccAka

**TABLE 591** ruckusHLRNumInsrtDtaSuccAka

Object Name	ruckusHLRNumInsrtDtaSuccAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.22
Description	The number of successful procedures from <b>MAP-INSERT-SUBSCRIBER-DATA</b> for EAP-AKA.

## ruckusHLRNumInsrtDtaFailAka

**TABLE 592** ruckusHLRNumInsrtDtaFailAka

Object Name	ruckusHLRNumInsrtDtaFailAka
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.23
Description	The number of failed procedures from <b>MAP-INSERT-SUBSCRIBER-DATA</b> for EAP-AKA.

## ruckusHLRNumSalsnsrtDtaSucc

**TABLE 593** ruckusHLRNumSalsnsrtDtaSucc

Object Name	ruckusHLRNumSalsnsrtDtaSucc
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.24
Description	The number of <b>MAP-INSERT-SUBSCRIBER-DATA</b> request received.

## ruckusHLRNumSalsnsrtDtaFailUnkS

**TABLE 594** ruckusHLRNumSalsnsrtDtaFailUnkS

Object Name	ruckusHLRNumSalsnsrtDtaFailUnkS
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.25
Description	The number of failed <b>MAP INSERT-SUB-DATA</b> operations (unknown subscriber)

## ruckusHLRNumSalsnsrtDtaFailErr

**TABLE 595** ruckusHLRNumSalsnsrtDtaFailErr

Object Name	ruckusHLRNumSalsnsrtDtaFailErr
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.26
Description	The number of failed <b>MAP INSERT-SUB-DATA</b> operations (decode failure or any other error).

## ruckusHLRNumCfgAssoc

**TABLE 596** ruckusHLRNumCfgAssoc

Object Name	ruckusHLRNumCfgAssoc
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.27
Description	The number of associations configured.

## ruckusHLRNumActAssoc

**TABLE 597** ruckusHLRNumActAssoc

Object Name	ruckusHLRNumActAssoc
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.28
Description	The number of active associations.

## ruckusHLRNumRtgFail

**TABLE 598** ruckusHLRNumRtgFail

Object Name	ruckusHLRNumRtgFail
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.29
Description	The number of routing failure on outbound MAP messages.

## ruckusHLRIndex

**TABLE 599** ruckusHLRIndex

Object Name	ruckusHLRIndex
Parent Node	ruckusHLRTable
Object Identifier	.1.3.6.1.4.1.25053.1.3.3.1.1.7.1.1.99
Description	The HLR index.

# Ruckus AP MIB

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## Ruckus Controller AP Group Table

The following MIBs define the information for the controller AP Group table (**ruckusCtrlApGroupTable**) for users to easily retrieve the information for all AP groups. The index of the table is *ZoneId* and *ApGroupId*.



### CAUTION

**These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.**

### NOTE

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

To query:

- all AP groups in zone1, use the command:  

```
snmpwalk ruckusCtrlApGroupTable.zone1
```
- a specific apgroup1 in zone1, use the command:  

```
snmpwalk ruckusCtrlApGroupTable.zone1.apgroup1
```
- a specific apgroup1 in an unknown domain, use the below command:  

```
snmpwalk ruckusCtrlApGroupTable.all.apgroup1
```
- [ruckusCtrlApGroupEntry](#) on page 262
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## ruckusCtrlApGroupEntry

**TABLE 600** ruckusCtrlApGroupEntry

Object Name	ruckusCtrlApGroupEntry
Parent Node	ruckusCtrlApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1
Description	The index to table is ApGroupId and Zoneld.

## ruckusCtrlApGroupZoneld

**TABLE 601** ruckusCtrlApGroupZoneld

Object Name	ruckusCtrlApGroupZoneld
Parent Node	ruckusCTRLApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.5.1.1
Description	The index is Zoneld.

## ruckusCtrlApGroupId

**TABLE 602** ruckusCtrlApGroupId

Object Name	ruckusCtrlApGroupId
Parent Node	ruckusCTRLApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.5.1.2
Description	The index is ApGroup Id.

## ruckusCtrlApGroupName

**TABLE 603** ruckusCtrlApGroupName

Object Name	ruckusCtrlApGroupName
Parent Node	ruckusCTRLApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.5.1.3
Description	Displays the name of the AP Group.

## ruckusCtrlApGroupNumApConnected

**TABLE 604** ruckusCtrlApGroupNumApConnected

Object Name	ruckusCtrlApGroupNumApConnected
Parent Node	ruckusCTRLApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.5.1.9
Description	Number of APs in the AP Group that are currently connected to the controller.

## ruckusCtrlApGroupNumApDisconnected

**TABLE 605** ruckusCtrlApGroupNumApDisconnected

Object Name	ruckusCtrlApGroupNumApDisconnected
Parent Node	ruckusCTRLApGroupTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.5.1.10
Description	Number of APs in the AP Group that are currently disconnected from the controller.

## Ruckus Controller Summary AP Table

The following MIBs define the information for the controller **SummaryAP** table (**ruckusCtrlSummaryApTable**) for users to easily access basic information of all the APs. The index of the table is *DomainId*, *ZoneId* and *ApGroupId* and *ApMac*. Using the *ApMac* in this table, users can go to AP table to get more details.



### CAUTION

These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.

### NOTE

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

To query:

- all APs in domain 1, use the command:

```
snmpwalk ruckusCtrlSummaryApTable.domain1
```

- all APs in a specific zone1 under domain1, use the command:

```
snmpwalk ruckusCtrlSummaryApTable.domain1.zone1
```

- all APs in a specific zone1 in an unknown domain, use the command:

```
snmpwalk ruckusCtrlSummaryApTable.all.zone1
```

- all information, use the command:

```
snmpwalk {option} ruckusCTRLSummaryApTable
```

- all ApMAC in domain1, use the command:

```
snmpwalk {option}ruckusCtrlSummryApMac.domain.{domain1 UUID}
```

- For a domain with UUID 87b593c6-50e7-4d57-87f0-2820bb3878ef, use the following command:

```
snmpwalk -mall -v2c -c public 172.17.50.103 RUCKUS-CTRL-  
MIB::ruckusCtrlSummaryApMac.domain.\'87b593c6-50e7- 4d57-87f0-2820bb3878ef\'
```

- The MIB browser should translate UUID 87b593c6-50e7-4d57-87f0- 2820bb3878ef into decimal form:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.6.1.135.181.147.19  
8.80.231.77.87.135.240.40.32.187.56.120.239 where 1  
represents the input UUID as domain UUID  
  
135.181.147.198.80.231.77.87.135.240.40.32.187.56.120  
.239: UUID 87b593c6-50e7-4d57-87f0-2820bb3878ef in  
decimal form(16 numbers)
```

## Ruckus AP MIB

### Ruckus Controller Summary AP Table

- all ApMAC in zone1, use the command:

```
snmpwalk {option} ruckusCtrlSummaryApMac.zone.{zone1 UUID}
```

- For a zone with UUID 8f0c4245-4bc7-4f5a-8f76-a8137443833e, use the following command:

```
snmpwalk -mall -v2c -c public 172.17.50.103 RUCKUS-CTRL-  
MIB::ruckusCtrlSummaryApMac.zone.\'8f0c4245-4bc7- 4f5a-8f76-a8137443833e\'
```

- The MIB browser should translate UUID 8f0c4245-4bc7-4f5a-8f76- a8137443833e into decimal form:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.6.2.143.12.66.69.7  
5.199.79.90.143.118.168.19.116.67.131.62 where 2  
represents the input UUID as zone UUID.  
  
143.12.66.69.75.199.79.90.143.118.168.19.116.67.131.6  
2: UUID 8f0c4245-4bc7-4f5a-8f76-a8137443833e in decimal  
form(16 numbers)
```

- all ApMAC in apgroup1, use the command:

```
snmpwalk {option}ruckusCtrlSummaryApMac.apgroup.{apgroup UUID}
```

- For ApGroup with UUID 84136003-bd53-4ca7-a19a-63254fcdfe2d, use the following command:

```
snmpwalk -mall -v2c -c public 172.17.50.103 RUCKUS-CTRL-  
MIB::ruckusCtrlSummaryApMac.apgroup.\'84136003-bd53- 4ca7-a19a-63254fcdfe2d\'
```

- The MIB browser should translate UUID 84136003-bd53-4ca7-a19a- 63254fcdfe2d into decimal form:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.1.8.1.6.3.132.19.96.3.18  
9.83.76.167.161.154.99.37.79.205.254.45 where 3  
represents the input UUID as ApGroup UUID.  
  
132.19.96.3.189.83.76.167.161.154.99.37.79.205.254.45  
: UUID 84136003-bd53-4ca7-a19a-63254fcdfe2d in decimal  
form(16 numbers)
```

- [ruckusCtrlSummaryApEntry](#) on page 265
- [ruckusCtrlSummaryApIndexType](#) on page 265
- [ruckusCtrlSummaryApIndexUUID](#) on page 265
- [ruckusCtrlSummaryApDomainId](#) on page 265
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- [ruckusCtrlSummaryApLocation](#) on page 267



## ruckusCtrlSummaryApEntry

**TABLE 606** ruckusCtrlSummaryApEntry

Object Name	ruckusCtrlSummaryApEntry
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.8.1
Description	The index to this table is: <ul style="list-style-type: none"> <li>ruckusCtrlSummaryApIndexType</li> <li>ruckusCtrlSummaryApIndexUUID</li> <li>ruckusCtrlSummaryApMacApGroupId</li> </ul>

## ruckusCtrlSummaryApIndexType

**TABLE 607** ruckusCtrlSummaryApIndexType

Object Name	ruckusCtrlSummaryApIndexType
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.8.1.1
Description	The UUID index type - domain(1), zone(2), apgroup(3) For example: snmpwalk ruckusCtrlSummaryApTable.domain.{uuid} for known DomainId snmpwalk ruckusCtrlSummaryApTable.zone.{uuid} for known ZoneId snmpwalk ruckusCtrlSummaryApTable.ApGroup.{uuid} for known ApGroupId

## ruckusCtrlSummaryApIndexUUID

**TABLE 608** ruckusCtrlSummaryApIndexUUID

Object Name	ruckusCtrlSummaryApIndexUUID
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.8.1.2
Description	UUID for query entry, which can be the UUID of domain, zone, or AP Group.

## ruckusCtrlSummaryApDomainId

**TABLE 609** ruckusCtrlSummaryApDomainId

Object Name	ruckusCtrlSummaryApDomainId
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.8.1.3
Description	The domain identifier.

## ruckusCtrlSummaryApZoneId

**TABLE 610** ruckusCtrlSummaryApZoneId

Object Name	ruckusCtrlSummaryApZoneId
Parent Node	ruckusCtrlSummaryApTable

**TABLE 610** ruckusCtrlSummaryApZoneId (continued)

Object Name	ruckusCtrlSummaryApZoneId
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.4
Description	The zone identifier.

## ruckusCtrlSummaryApApGroupId

**TABLE 611** ruckusCtrlSummaryApApGroupId

Object Name	ruckusCtrlSummaryApApGroupId
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.5
Description	The AP Group identifier.

## ruckusCtrlSummaryApMac

**TABLE 612** ruckusCtrlSummaryApMac

Object Name	ruckusCtrlSummaryApMac
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.6
Description	The AP MAC address.

## ruckusCtrlSummaryApDomainName

**TABLE 613** ruckusCtrlSummaryApDomainName

Object Name	ruckusCtrlSummaryApDomainName
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.11
Description	Displays the domain name.

## ruckusCtrlSummaryApZoneName

**TABLE 614** ruckusCtrlSummaryApZoneName

Object Name	ruckusCtrlSummaryApZoneName
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.12
Description	The AP zone name.

## ruckusCtrlSummaryApName

**TABLE 615** ruckusCtrlSummaryApName

Object Name	ruckusCtrlSummaryApName
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.17
Description	The name of the AP.

## ruckusCtrlSummaryApLocation

**TABLE 616** ruckusCtrlSummaryApLocation

Object Name	ruckusCtrlSummaryApLocation
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.18
Description	The AP location.

# Ruckus Controller AP Client Table

The following MIBs define the information for the controller **Client** table (**ruckusCtrlApClientTable**) for users to easily access basic information of all the clients in a specific AP. Using the *ClientMac* in this table, users can go to Client table to get more details about this client. The index of the table is the *ApMac*.



### CAUTION

**These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.**

### NOTE

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

- [ruckusCtrlApClientEntry](#) on page 268
- [ruckusCtrlApClientApMac](#) on page 268
- [ruckusCtrlApClientMac](#) on page 268

To query:

- all clients in a specific ap1, the following command can be used:

```
snmpwalk ruckusCtrlApClientTable.ap1
```

- all information, use the command format:

```
snmpwalk {option} ruckusCTRLSummaryApTable
```

- all AP MAC in domain1, use the command format:

```
snmpwalk {option}ruckusCtrlSummryApMac.domain.{domain1 UUID}
```

- A MAC address of C8:AA:7C:8E:67:C4 must be translated to the equivalent decimal value of 202.170.124.142.103.196 for the query.

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-MIB::ruck- usCtrlApClientMac.6.202.170.124.142.103.196,
where the
length of the string index is always 6.
```

```
202.170.124.142.103.196: MAC Address C8:AA:7C:8E:67:C4
in decimal form
```

- The MIB browser should translate the MAC address into decimal form as:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.9.1.6.6.202.170.124.14
2.103.196
```

```
200.170.124.142.103.196: MAC Address C8:AA:7C:8E:67:C4
in decimal form
```

## ruckusCtrlApClientEntry

**TABLE 617** ruckusCtrlApClientEntry

Object Name	ruckusCtrlApClientEntry
Parent Node	ruckusCtrlApClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.9.1
Description	The index to this table is ApMac.

## ruckusCtrlApClientApMac

**TABLE 618** ruckusCtrlApClientApMac

Object Name	ruckusCtrlApClientApMac
Parent Node	ruckusCtrlApClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.9.1.1
Description	The AP MAC address.

## ruckusCtrlApClientMac

**TABLE 619** ruckusCtrlApClientMac

Object Name	ruckusCtrlApClientMac
Parent Node	ruckusCtrlApClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.9.1.6
Description	The client MAC address.

# Ruckus Controller AP Table

The following MIBs define the information for the controller **AP** table (**ruckusCtrlApTable**) for users to easily access to all information of the AP. Using the ApMac in this table, users get more details about this AP. The index of the table is the *ApMac*.



**CAUTION**

These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.

**NOTE**

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

To get the information of an AP with MAC C8:AA:7C:8E:67:C4, use the command format:

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-MIB::ruck- usCtrlApMac.6.200.170.124.142.103.196 where the length of string index, is always 6.
```

```
200.170.124.142.103.196: MAC Address C8:AA:7C:8E:67:C4 in decimal form
```

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- [ruckusCtrlApMac](#) on page 271
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## Ruckus AP MIB

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## ruckusCtrlApEntry

**TABLE 620** ruckusCtrlApEntry

Object Name	ruckusCtrlApEntry
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1
Description	The index to this table is ApMac

## ruckusCtrlApMac

**TABLE 621** ruckusCtrlApMac

Object Name	ruckusCtrlApMac
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.1
Description	The AP MAC address.

## ruckusCtrlApDomainId

**TABLE 622** ruckusCtrlApDomainId

Object Name	ruckusCtrlApDomainId
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.2
Description	The root domain identifier (the domain under admin domain)

## ruckusCtrlApDomainName

**TABLE 623** ruckusCtrlApDomainName

Object Name	ruckusCtrlApDomainName
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.3
Description	Displays the domain name.

## ruckusCtrlApZoneId

**TABLE 624** ruckusCtrlApZoneId

Object Name	ruckusCtrlApZoneId
Parent Node	ruckusCtrlApTable

**TABLE 624** ruckusCtrlApZoneId (continued)

Object Name	ruckusCtrlApZoneId
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.4
Description	The zone UUID.

## ruckusCtrlApZoneName

**TABLE 625** ruckusCtrlApZoneName

Object Name	ruckusCtrlApZoneName
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.5
Description	Displays the zone name.

## ruckusCtrlApApGroupId

**TABLE 626** ruckusCtrlApApGroupId

Object Name	ruckusCtrlApApGroupId
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.6
Description	The AP Group UUID.

## ruckusCtrlApApGroupName

**TABLE 627** ruckusCtrlApApGroupName

Object Name	ruckusCtrlApApGroupName
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.7
Description	The AP Group name.

## ruckusCtrlApIp

**TABLE 628** ruckusCtrlApIp

Object Name	ruckusCtrlApIp
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.12
Description	The IP address.

## ruckusCtrlApIpv6

**TABLE 629** ruckusCtrlApIpv6

Object Name	ruckusCtrlApIpv6
Parent Node	ruckusCtrlApTable



**TABLE 629** ruckusCtrlApIpv6 (continued)

Object Name	ruckusCtrlApIpv6
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.13
Description	The IPv6 address.

## ruckusCtrlApNetmask

**TABLE 630** ruckusCtrlApNetmask

Object Name	ruckusCtrlApNetmask
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.14
Description	The netmask address.

## ruckusCtrlApGateway

**TABLE 631** ruckusCtrlApGateway

Object Name	ruckusCtrlApGateway
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.15
Description	The gateway server address.

## ruckusCtrlApIpdnsSvr1

**TABLE 632** ruckusCtrlApIpdnsSvr1

Object Name	ruckusCtrlApIpdnsSvr1
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.16
Description	The primary DNS server address.

## ruckusCtrlApIpdnsSvr2

**TABLE 633** ruckusCtrlApIpdnsSvr2

Object Name	ruckusCtrlApIpdnsSvr2
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.17
Description	The secondary DNS server address.

## ruckusCtrlApIpv6DnsSvr1

**TABLE 634** ruckusCtrlApIpv6DnsSvr1

Object Name	ruckusCtrlApIpv6DnsSvr1
Parent Node	ruckusCtrlApTable

**TABLE 634** ruckusCtrlApIpv6DnsSvr1 (continued)

Object Name	ruckusCtrlApIpv6DnsSvr1
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.22
Description	The primary DNS server IPv6 address.

## ruckusCtrlApIpv6DnsSvr2

**TABLE 635** ruckusCtrlApIpv6DnsSvr2

Object Name	ruckusCtrlApIpv6DnsSvr2
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.23
Description	The secondary DNS server IPv6 address.

## ruckusCtrlApName

**TABLE 636** ruckusCtrlApName

Object Name	ruckusCtrlApName
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.28
Description	Displays the AP name.

## ruckusCtrlApDescription

**TABLE 637** ruckusCtrlApDescription

Object Name	ruckusCtrlApDescription
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.29
Description	The AP description.

## ruckusCtrlApStatus

**TABLE 638** ruckusCtrlApStatus

Object Name	ruckusCtrlApStatus
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.30
Description	The AP status type, which is: 0: not available (busy or not running) 1: connected

## ruckusCtrlApModel

**TABLE 639** ruckusCtrlApModel

Object Name	ruckusCtrlApModel
Parent Node	ruckusCtrlApTable

**TABLE 639** ruckusCtrlApModel (continued)

Object Name	ruckusCtrlApModel
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.31
Description	The AP model type.

## ruckusCtrlApSerialNumber

**TABLE 640** ruckusCtrlApSerialNumber

Object Name	ruckusCtrlApSerialNumber
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.32
Description	The AP serial number.

## ruckusCtrlApSwVersion

**TABLE 641** ruckusCtrlApSwVersion

Object Name	ruckusCtrlApSwVersion
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.33
Description	The AP software version.

## ruckusCtrlApLocation

**TABLE 642** ruckusCtrlApLocation

Object Name	ruckusCtrlApLocation
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.34
Description	The AP location information.

## ruckusCtrlApGpsInfo

**TABLE 643** ruckusCtrlApGpsInfo

Object Name	ruckusCtrlApGpsInfo
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.35
Description	The AP GPS information.

## ruckusCtrlApTemperature

**TABLE 644** ruckusCtrlApTemperature

Object Name	ruckusCtrlApTemperature
Parent Node	ruckusCtrlApTable

**TABLE 644** ruckusCtrlApTemperature (continued)

Object Name	ruckusCtrlApTemperature
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.36
Description	The AP temperature information.

## ruckusCtrlApUptime

**TABLE 645** ruckusCtrlApUptime

Object Name	ruckusCtrlApUptime
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.41
Description	Number of minutes elapsed since the AP was last rebooted.

## ruckusCtrlApLastConfSyncTime

**TABLE 646** ruckusCtrlApLastConfSyncTime

Object Name	ruckusCtrlApLastConfSyncTime
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.45
Description	The last configuration synchronization displayed as time.

## ruckusCtrlApCpuUtilization

**TABLE 647** ruckusCtrlApCpuUtilization

Object Name	ruckusCtrlApCpuUtilization
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.50
Description	The percentage of CPU utilization.

## ruckusCtrlApTotalMemory

**TABLE 648** ruckusCtrlApTotalMemory

Object Name	ruckusCtrlApTotalMemory
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.51
Description	The total memory in KB.

## ruckusCtrlApFreeMemory

**TABLE 649** ruckusCtrlApFreeMemory

Object Name	ruckusCtrlApFreeMemory
Parent Node	ruckusCtrlApTable

**TABLE 649** ruckusCtrlApFreeMemory (continued)

Object Name	ruckusCtrlApFreeMemory
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.52
Description	Free memory in KB.

## ruckusCtrlApFreeStorage

**TABLE 650** ruckusCtrlApFreeStorage

Object Name	ruckusCtrlApFreeStorage
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.53
Description	Flash free memory in KB.

## ruckusCtrlApEtherPortStatus

**TABLE 651** ruckusCtrlApEtherPortStatus

Object Name	ruckusCtrlApEtherPortStatus
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.54
Description	AP Ethernet port physical link status as: 0: Down 1: Up

## ruckusCtrlApCableModemMac

**TABLE 652** ruckusCtrlApCableModemMac

Object Name	ruckusCtrlApCableModemMac
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.56
Description	The AP MAC address of the cable modem.

## ruckusCtrlApCableModemSerialNumber

**TABLE 653** ruckusCtrlApCableModemSerialNumber

Object Name	ruckusCtrlApCableModemSerialNumber
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.57
Description	Serial number of the AP MAC cable modem.

## ruckusCtrlApNumRadios

TABLE 654 ruckusCtrlApNumRadios

Object Name	ruckusCtrlApNumRadios
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.62
Description	Total number of radios.

## ruckusCtrlApNumWlans

TABLE 655 ruckusCtrlApNumWlans

Object Name	ruckusCtrlApNumWlans
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.63
Description	Total number of WLANs.

## ruckusCtrlApNumAssocClients

TABLE 656 ruckusCtrlApNumAssocClients

Object Name	ruckusCtrlApNumAssocClients
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.65
Description	Number of clients associated with the AP.

## ruckusCtrlApStatsRxBytes

TABLE 657 ruckusCtrlApStatsRxBytes

Object Name	ruckusCtrlApStatsRxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.71
Description	The total number of received bytes.

## ruckusCtrlApStatsTxBytes

TABLE 658 ruckusCtrlApStatsTxBytes

Object Name	ruckusCtrlApStatsTxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.72
Description	The total number of transmitted bytes.

## ruckusCtrlApStatsRxDataBytes

**TABLE 659** ruckusCtrlApStatsRxDataBytes

Object Name	ruckusCtrlApStatsRxDataBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.73
Description	The total number of data packet bytes received.

## ruckusCtrlApStatsTxDataBytes

**TABLE 660** ruckusCtrlApStatsTxDataBytes

Object Name	ruckusCtrlApStatsTxDataBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.74
Description	The total number of data packet bytes transmitted.

## ruckusCtrlApStatsRxPkts

**TABLE 661** ruckusCtrlApStatsRxPkts

Object Name	ruckusCtrlApStatsRxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.77
Description	The total number of packet counts received.

## ruckusCtrlApStatsTxPkts

**TABLE 662** ruckusCtrlApStatsTxPkts

Object Name	ruckusCtrlApStatsTxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.78
Description	Total number of packets counts transmitted.

## ruckusCtrlApStatsRxDataPkts

**TABLE 663** ruckusCtrlApStatsRxDataPkts

Object Name	ruckusCtrlApStatsRxDataPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.79
Description	The total number of data packets counts received.

## ruckusCtrlApStatsTxDataPkts

**TABLE 664** ruckusCtrlApStatsTxDataPkts

Object Name	ruckusCtrlApStatsTxDataPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.80
Description	The total number of data packets counts transmitted.

## ruckusCtrlApStatsRxErrorPkts

**TABLE 665** ruckusCtrlApStatsRxErrorPkts

Object Name	ruckusCtrlApStatsRxErrorPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.81
Description	Error count of AP wireless received.

## ruckusCtrlApStatsTxErrorPkts

**TABLE 666** ruckusCtrlApStatsTxErrorPkts

Object Name	ruckusCtrlApStatsTxErrorPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.82
Description	Error count of AP wireless transmitted.

## ruckusCtrlApStatsRxDropPkts

**TABLE 667** ruckusCtrlApStatsRxDropPkts

Object Name	ruckusCtrlApStatsRxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.83
Description	Dropped count of AP wireless received.

## ruckusCtrlApStatsTxDropPkts

**TABLE 668** ruckusCtrlApStatsTxDropPkts

Object Name	ruckusCtrlApStatsTxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.84
Description	Dropped count of AP wireless transmitted.



## ruckusCtrlApMeshRole

**TABLE 669** ruckusCtrlApMeshRole

Object Name	ruckusCtrlApMeshRole
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.89
Description	AP Mesh role: <ul style="list-style-type: none"> <li>• 0: disable</li> <li>• 1: rap</li> <li>• 2: map</li> <li>• 3: emap</li> <li>• 4: mesh-is-down</li> <li>• 5: mesh-role-is-undefined</li> </ul>

## ruckusCtrlApNumMeshHops

**TABLE 670** ruckusCtrlApNumMeshHops

Object Name	ruckusCtrlApNumMeshHops
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.90
Description	The total number of mesh hops.

## ruckusCtrlApConnectScgCplp

**TABLE 671** ruckusCtrlApConnectScgCplp

Object Name	ruckusCtrlApConnectScgCplp
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.95
Description	The controller's control plane IP address that the AP connects.

## ruckusCtrlApConnectScgCplpv6

**TABLE 672** ruckusCtrlApConnectScgCplpv6

Object Name	ruckusCtrlApConnectScgCplpv6
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.96
Description	The controller's control plane IPv6 address that the AP connects.

## ruckusCtrlApConnectScgDplp

**TABLE 673** ruckusCtrlApConnectScgDplp

Object Name	ruckusCtrlApConnectScgDplp
Parent Node	ruckusCtrlApTable

**TABLE 673** ruckusCtrlApConnectScgDplp (continued)

Object Name	ruckusCtrlApConnectScgDplp
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.97
Description	The controller's data plane IP address that the AP connects.

## ruckusCtrlApConnectScgDplpv6

**TABLE 674** ruckusCtrlApConnectScgDplpv6

Object Name	ruckusCtrlApConnectScgDplpv6
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.98
Description	The controller's data plane IPv6 address that the AP connects.

## ruckusCtrlApLanStatsRxBytes

**TABLE 675** ruckusCtrlApLanStatsRxBytes

Object Name	ruckusCtrlApLanStatsRxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.103
Description	The total number of bytes received on the LAN port.

## ruckusCtrlApLanStatsTxBytes

**TABLE 676** ruckusCtrlApLanStatsTxBytes

Object Name	ruckusCtrlApLanStatsTxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.104
Description	The total number of bytes transmitted on the LAN port.

## ruckusCtrlApLanStatsRxPkts

**TABLE 677** ruckusCtrlApLanStatsRxPkts

Object Name	ruckusCtrlApLanStatsRxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.105
Description	The total number of packets received on the LAN port.

## ruckusCtrlApLanStatsTxPkts

**TABLE 678** ruckusCtrlApLanStatsTxPkts

Object Name	ruckusCtrlApLanStatsTxPkts
Parent Node	ruckusCtrlApTable

**TABLE 678** ruckusCtrlApLanStatsTxPkts (continued)

Object Name	ruckusCtrlApLanStatsTxPkts
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.106
Description	The total number of packets transmitted on the LAN port.

## ruckusCtrlApLanStatsRxErrorPkts

**TABLE 679** ruckusCtrlApLanStatsRxErrorPkts

Object Name	ruckusCtrlApLanStatsRxErrorPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.107
Description	The total number of error packets received on the LAN port.

## ruckusCtrlApLanStatsTxErrorPkts

**TABLE 680** ruckusCtrlApLanStatsTxErrorPkts

Object Name	ruckusCtrlApLanStatsTxErrorPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.108
Description	The total number of error packets transmitted on the LAN port.

## ruckusCtrlApLanStatsRxDroppedPkts

**TABLE 681** ruckusCtrlApLanStatsRxDroppedPkts

Object Name	ruckusCtrlApLanStatsRxDroppedPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.115
Description	The total number of received packets dropped on LAN port.

## ruckusCtrlApLanStatsTxDroppedPkts

**TABLE 682** ruckusCtrlApLanStatsTxDroppedPkts

Object Name	ruckusCtrlApLanStatsTxDroppedPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.116
Description	The total number of transmitted packets dropped on LAN port.

## ruckusCtrlAPIpsecRxBytes

**TABLE 683** ruckusCtrlAPIpsecRxBytes

Object Name	ruckusCtrlAPIpsecRxBytes
Parent Node	ruckusCtrlApTable

**TABLE 683** ruckusCtrlAPIpsecRxBytes (continued)

Object Name	ruckusCtrlAPIpsecRxBytes
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.123
Description	The total number of IPsec bytes received.

## ruckusCtrlAPIpsecTxBytes

**TABLE 684** ruckusCtrlAPIpsecTxBytes

Object Name	ruckusCtrlAPIpsecTxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.124
Description	The total number of IPsec bytes transmitted.

## ruckusCtrlAPIpsecRxPkts

**TABLE 685** ruckusCtrlAPIpsecRxPkts

Object Name	ruckusCtrlAPIpsecRxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.125
Description	The total number of IPsec packet received.

## ruckusCtrlAPIpsecTxPkts

**TABLE 686** ruckusCtrlAPIpsecTxPkts

Object Name	ruckusCtrlAPIpsecTxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.126
Description	The total number of IPsec packet transmitted.

## ruckusCtrlAPIpsecRxDropPkts

**TABLE 687** ruckusCtrlAPIpsecRxDropPkts

Object Name	ruckusCtrlAPIpsecRxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.127
Description	The total number of IPsec received packets that dropped.

## ruckusCtrlAPIpsecTxDropPkts

**TABLE 688** ruckusCtrlAPIpsecTxDropPkts

Object Name	ruckusCtrlAPIpsecTxDropPkts
Parent Node	ruckusCtrlApTable

**TABLE 688** ruckusCtrlAPIpsecTxDropPkts (continued)

Object Name	ruckusCtrlAPIpsecTxDropPkts
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.128
Description	The total number of IPsec transmitted packets that dropped

## ruckusCtrlAPIpsecSessionTime

**TABLE 689** ruckusCtrlAPIpsecSessionTime

Object Name	ruckusCtrlAPIpsecSessionTime
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.129
Description	Session time of IPsec in seconds.

## ruckusCtrlAPIpsecRxIdleTime

**TABLE 690** ruckusCtrlAPIpsecRxIdleTime

Object Name	ruckusCtrlAPIpsecRxIdleTime
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.130
Description	Time of the last received packet in seconds.

## ruckusCtrlAPIpsecTxIdleTime

**TABLE 691** ruckusCtrlAPIpsecTxIdleTime

Object Name	ruckusCtrlAPIpsecTxIdleTime
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.131
Description	Time of the last transmitted packet in seconds.

# Ruckus Controller Radio Table

The following MIBs define the information for the controller AP Radio table (**ruckusCtrlApRadioTable**) for users to easily access all information of the AP radio in the AP. Using the ApMac in this table, users get more details about this AP. The index of the table is the *ApMac* and *RadiIndex*.



**CAUTION**

These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.

**NOTE**

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

A MAC address of C8:AA:7C:8E:67:C4 must be translated to the equivalent decimal value of 200.170.124.142.103.196 for the query.

For example:

- To get the radio index **1** of an AP with MAC C8:AA:7C:8E:67:C4, use the command format:

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-
MIB::ruckusCtrlApRadioApMac.6.200.170.124.142.103.196.1
```

where:

1: Radio index

6: Length of string index, which is always 6

```
200.170.124.142.103.196: MAC Address C8:AA:7C:8E:67:C4
in decimal form
```

- To get all Radio information of the AP with MAC C8:AA:7C:8E:67:C4, use the command format:

```
snmpwalk -v2c -c public <ip_addr> RUCKUS-CTRL-
MIB::ruckusCtrlApRadioApMac.6.200.170.124.142.103.196 where 6 is the length of string index.
```

```
200.170.124.142.103.196: MAC Address C8:AA:7C:8E:67:C4 in decimal form
```

- The MIB browser should also translate the MAC address into decimal form as:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.9.1.6
.6.200.170.124.142.103.196.1
```

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## ruckusCtrlApRadioEntry

**TABLE 692** ruckusCtrlApRadioEntry

Object Name	ruckusCtrlApRadioEntry
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1
Description	The index to this table is ApMac and RadioIndex

## ruckusCtrlApRadioApMac

**TABLE 693** ruckusCtrlApRadioApMac

Object Name	ruckusCtrlApRadioApMac
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.1
Description	The AP MAC address.

## ruckusCtrlApRadioIndex

**TABLE 694** ruckusCtrlApRadioIndex

Object Name	ruckusCtrlApRadioApMac
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.2
Description	The index of the radio in the AP, which is: <ul style="list-style-type: none"> <li>• 0: 2.4G</li> <li>• 1: 5G</li> </ul>

## ruckusCtrlApRadioNumWlans

**TABLE 695** ruckusCtrlApRadioNumWlans

Object Name	ruckusCtrlApRadioNumWlans
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.7
Description	The number of WLANs in the radio.

## ruckusCtrlApRadioType

**TABLE 696** ruckusCtrlApRadioType

Object Name	ruckusCtrlApRadioType
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.8
Description	The radio modes: 1: ieee802dot11b 2: ieee802dot11g 3: ieee802dot11Mixed 4: ieee802dot11a 5: ieee802dot11ng 6: ieee802dot11na 7: ieee802dot11ac



## ruckusCtrlApRadioChannelWidth

**TABLE 697** ruckusCtrlApRadioChannelWidth

Object Name	ruckusCtrlApRadioChannelWidth
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.9
Description	Radio channel width of 10/20/2040/40/80

## ruckusCtrlApRadioChannel

**TABLE 698** ruckusCtrlApRadioChannel

Object Name	ruckusCtrlApRadioChannel
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.10
Description	The channel number of this AP radio.

## ruckusCtrlApRadioTxPower

**TABLE 699** ruckusCtrlApRadioTxPower

Object Name	ruckusCtrlApRadioTxPower
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.11
Description	Specifies the transmit power of this AP radio.

## ruckusCtrlApRadioBeaconPeriod

**TABLE 700** ruckusCtrlApRadioBeaconPeriod

Object Name	ruckusCtrlApRadioBeaconPeriod
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.16
Description	The number of milli seconds that a station uses for scheduling beacon transmissions. This value is transmitted in beacon and probe response frames. <ul style="list-style-type: none"> <li>Range: (100 to 1000)</li> <li>Units: Milli seconds</li> </ul>

## ruckusCtrlApRadioPowerMgmtEnable

**TABLE 701** ruckusCtrlApRadioPowerMgmtEnable

Object Name	ruckusCtrlApRadioPowerMgmtEnable
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.23

**TABLE 701** ruckusCtrlApRadioPowerMgmtEnable (continued)

Object Name	ruckusCtrlApRadioPowerMgmtEnable
Description	Enabling the power management as: 0: No 1: Yes

## ruckusCtrlApRadioMeshEnable

**TABLE 702** ruckusCtrlApRadioMeshEnable

Object Name	ruckusCtrlApRadioMeshEnable
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.24
Description	Enabling the radio mesh as: 0: No 1: Yes

## ruckusCtrlApRadioStatsRxAirtime

**TABLE 703** ruckusCtrlApRadioStatsRxAirtime

Object Name	ruckusCtrlApRadioStatsRxAirtime
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.29
Description	AP radio's total airtime received in one second as per the channel utilization.

## ruckusCtrlApRadioStatsTxAirtime

**TABLE 704** ruckusCtrlApRadioStatsTxAirtime

Object Name	ruckusCtrlApRadioStatsTxAirtime
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.30
Description	AP radio's total airtime transmitted in one second as per the channel utilization.

## ruckusCtrlApRadioStatsBusyAirtime

**TABLE 705** ruckusCtrlApRadioStatsBusyAirtime

Object Name	ruckusCtrlApRadioStatsBusyAirtime
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.31
Description	AP radio's busy airtime in one second as per the channel utilization.

## ruckusCtrlApRadioStatsTotalAirtime

**TABLE 706** ruckusCtrlApRadioStatsTotalAirtime

Object Name	ruckusCtrlApRadioStatsTotalAirtime
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.32
Description	AP radio's total airtime.

## ruckusCtrlApRadioAntennaGain

**TABLE 707** ruckusCtrlApRadioAntennaGain

Object Name	ruckusCtrlApRadioAntennaGain
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.38
Description	AP radio's antenna gain.

## ruckusCtrlApRadioStatsSnr

**TABLE 708** ruckusCtrlApRadioStatsSnr

Object Name	ruckusCtrlApRadioStatsSnr
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.39
Description	AP radio's SNR ratio.

## ruckusCtrlApRadioStatsNoiseFloor

**TABLE 709** ruckusCtrlApRadioStatsNoiseFloor

Object Name	ruckusCtrlApRadioStatsNoiseFloor
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.40
Description	AP radio's noise floor.

## ruckusCtrlApRadioStatsNumAssocClients

**TABLE 710** ruckusCtrlApRadioStatsNumAssocClients

Object Name	ruckusCtrlApRadioStatsNumAssocClients
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.41
Description	Number of clients associated to this AP radio.

## ruckusCtrlApRadioStatsNumAuthClients

**TABLE 711**

Object Name	ruckusCtrlApRadioStatsNumAuthClients
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.42
Description	Number of clients authenticated to this AP radio.

## ruckusCtrlApRadioStatsNumMaxClients

**TABLE 712** ruckusCtrlApRadioStatsNumMaxClients

Object Name	ruckusCtrlApRadioStatsNumMaxClients
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.43
Description	Maximum number of stations allowed to this AP radio.

## ruckusCtrlApRadioStatsPhyError

**TABLE 713** ruckusCtrlApRadioStatsPhyError

Object Name	ruckusCtrlApRadioStatsPhyError
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.49
Description	Number of PHY errors that occurred in one second for this AP radio.

## ruckusCtrlApRadioStatsRxWepFail

**TABLE 714** ruckusCtrlApRadioStatsRxWepFail

Object Name	ruckusCtrlApRadioStatsRxWepFail
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.50
Description	The number of received WEP for this AP radio that failed.

## ruckusCtrlApRadioStatsRxDecryptCrcError

**TABLE 715** ruckusCtrlApRadioStatsRxDecryptCrcError

Object Name	ruckusCtrlApRadioStatsRxDecryptCrcError
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.51
Description	The number of received frames with decrypted CRC errors for this AP radio.

## ruckusCtrlApRadioStatsRxMicError

**TABLE 716** ruckusCtrlApRadioStatsRxMicError

Object Name	ruckusCtrlApRadioStatsRxMicError
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.52
Description	Number of received frames with MIC errors pertaining to this AP radio.

## ruckusCtrlApRadioStatsRxBytes

**TABLE 717** ruckusCtrlApRadioStatsRxBytes

Object Name	ruckusCtrlApRadioStatsRxBytes
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.57
Description	Total number of received radio bytes of this AP radio, including duplicate packets.

## ruckusCtrlApRadioStatsTxBytes

**TABLE 718** ruckusCtrlApRadioStatsTxBytes

Object Name	ruckusCtrlApRadioStatsTxBytes
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.58
Description	Total number of transmitted radio bytes of this AP radio, including SW retries.

## ruckusCtrlApRadioStatsRxPkts

**TABLE 719** ruckusCtrlApRadioStatsRxPkts

Object Name	ruckusCtrlApRadioStatsRxPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.59
Description	Total number of received radio packets of this AP radio. It contains retry/ duplicate values and 802.11 headers.

## ruckusCtrlApRadioStatsTxPkts

**TABLE 720** ruckusCtrlApRadioStatsTxPkts

Object Name	ruckusCtrlApRadioStatsTxPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.60
Description	Total number of transmitted radio packets of this AP radio. It contains retry/duplicate values and 802.11 headers.

## ruckusCtrlApRadioStatsRxMcastPkts

**TABLE 721** ruckusCtrlApRadioStatsRxMcastPkts

Object Name	ruckusCtrlApRadioStatsRxMcastPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.65
Description	Total number of received multi cast frames.

## ruckusCtrlApRadioStatsTxMcastPkts

**TABLE 722** ruckusCtrlApRadioStatsTxMcastPkts

Object Name	ruckusCtrlApRadioStatsTxMcastPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.66
Description	Total number of transmitted multi cast frames.

## ruckusCtrlApRadioStatsRxErrorPkts

**TABLE 723** ruckusCtrlApRadioStatsRxErrorPkts

Object Name	ruckusCtrlApRadioStatsRxErrorPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.67
Description	Total number of error packets received.

## ruckusCtrlApRadioStatsTxErrorPkts

**TABLE 724** ruckusCtrlApRadioStatsTxErrorPkts

Object Name	ruckusCtrlApRadioStatsTxErrorPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.68
Description	Total number of error packets transmitted.

## ruckusCtrlApRadioStatsRxPktErrorRate

**TABLE 725** ruckusCtrlApRadioStatsRxPktErrorRate

Object Name	ruckusCtrlApRadioStatsRxPktErrorRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.69
Description	Error rate on the total number of packets received.

## ruckusCtrlApRadioStatsTxPktErrorRate

**TABLE 726** ruckusCtrlApRadioStatsTxPktErrorRate

Object Name	ruckusCtrlApRadioStatsTxPktErrorRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.70
Description	Error rate on the total number of packets transmitted.

## ruckusCtrlApRadioStatsTxPktRetryRate

**TABLE 727** ruckusCtrlApRadioStatsTxPktRetryRate

Object Name	ruckusCtrlApRadioStatsTxPktRetryRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.71
Description	Percentage rate of retries on transmitted packets.

## ruckusCtrlApRadioStatsTxRetryPkts

**TABLE 728** ruckusCtrlApRadioStatsTxRetryPkts

Object Name	ruckusCtrlApRadioStatsTxRetryPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.73
Description	Total number of retries on transmitted packets.

## ruckusCtrlApRadioStatsRxDropPkts

**TABLE 729** ruckusCtrlApRadioStatsRxDropPkts

Object Name	ruckusCtrlApRadioStatsRxDropPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.76
Description	Total number of dropped packets received.

## ruckusCtrlApRadioStatsTxDropPkts

**TABLE 730** ruckusCtrlApRadioStatsTxDropPkts

Object Name	ruckusCtrlApRadioStatsTxDropPkts
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.77
Description	Total number of dropped packets transmitted.

## ruckusCtrlApRadioStatsNumAuthReqs

**TABLE 731** ruckusCtrlApRadioStatsNumAuthReqs

Object Name	ruckusCtrlApRadioStatsNumAuthReqs
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.82
Description	Total number of authenticated requests received.

## ruckusCtrlApRadioStatsNumAuthResps

**TABLE 732** ruckusCtrlApRadioStatsNumAuthResps

Object Name	ruckusCtrlApRadioStatsNumAuthResps
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.83
Description	Total number of authenticated responses sent.

## ruckusCtrlApRadioStatsNumAuthSuccess

**TABLE 733** ruckusCtrlApRadioStatsNumAuthSuccess

Object Name	ruckusCtrlApRadioStatsNumAuthSuccess
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.84
Description	Total number of successful authentications.

## ruckusCtrlApRadioStatsNumAuthFail

**TABLE 734** ruckusCtrlApRadioStatsNumAuthFail

Object Name	ruckusCtrlApRadioStatsNumAuthFail
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.85
Description	Total number of failed authentications.

## ruckusCtrlApRadioStatsAuthFailRate

**TABLE 735** ruckusCtrlApRadioStatsAuthFailRate

Object Name	ruckusCtrlApRadioStatsAuthFailRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.86
Description	Total number of failed connections - authentication and associated failure.



## ruckusCtrlApRadioStatsNumAssocReq

**TABLE 736** ruckusCtrlApRadioStatsNumAssocReq

Object Name	ruckusCtrlApRadioStatsNumAssocReq
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.87
Description	Total number of associated requests sent.

## ruckusCtrlApRadioStatsNumAssocResp

**TABLE 737** ruckusCtrlApRadioStatsNumAssocResp

Object Name	ruckusCtrlApRadioStatsNumAssocResp
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.88
Description	Total number of associated responses received.

## ruckusCtrlApRadioStatsNumReassocReq

**TABLE 738** ruckusCtrlApRadioStatsNumReassocReq

Object Name	ruckusCtrlApRadioStatsNumReassocReq
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.89
Description	Total number of re-associated requests sent.

## ruckusCtrlApRadioStatsNumReassocResp

**TABLE 739** ruckusCtrlApRadioStatsNumReassocResp

Object Name	ruckusCtrlApRadioStatsNumReassocResp
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.90
Description	Total number of re-associated responses received.

## ruckusCtrlApRadioStatsNumAssocSuccess

**TABLE 740** ruckusCtrlApRadioStatsNumAssocSuccess

Object Name	ruckusCtrlApRadioStatsNumAssocSuccess
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.91
Description	Total number of successful associations.

## ruckusCtrlApRadioStatsNumAssocFail

**TABLE 741** ruckusCtrlApRadioStatsNumAssocFail

Object Name	ruckusCtrlApRadioStatsNumAssocFail
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.92
Description	Total number of failed associations.

## ruckusCtrlApRadioStatsAssocSuccessRate

**TABLE 742** ruckusCtrlApRadioStatsAssocSuccessRate

Object Name	ruckusCtrlApRadioStatsAssocSuccessRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.94
Description	AP radio's station association success rate.

## ruckusCtrlApRadioStatsAssocFailRate

**TABLE 743** ruckusCtrlApRadioStatsAssocFailRate

Object Name	ruckusCtrlApRadioStatsAssocFailRate
Parent Node	ruckusCtrlApRadioTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.3.1.95
Description	AP radio's station association failure rate.

# Ruckus Controller AP WLAN Table

The following MIBs define the information for the controller AP WLAN table (**ruckusCtrlApWlanTable**) for users to easily access all information of the WLAN to a specific radio of an AP. Using the *ApMac* in this table, users get more details about this AP. The index of the table is the *ApMac*, *RadioIndex* and *ApWlanBssid*.



### CAUTION

These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.

### NOTE

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

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## ruckusCtrlApWlanEntry

**TABLE 744** ruckusCtrlApWlanEntry

Object Name	ruckusCtrlApWlanEntry
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1

**TABLE 744** ruckusCtrlApWlanEntry (continued)

Object Name	ruckusCtrlApWlanEntry
Description	The index to this table is ApMac, RadiolIndex and ApWlanBssid

## ruckusCtrlApWlanApMac

**TABLE 745** ruckusCtrlApWlanApMac

Object Name	ruckusCtrlApWlanApMac
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.1
Description	The AP MAC address.

## ruckusCtrlApWlanRadiolIndex

**TABLE 746** ruckusCtrlApWlanRadiolIndex

Object Name	ruckusCtrlApWlanRadiolIndex
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.2
Description	The index of the radio: <ul style="list-style-type: none"> <li>• 0: 2.4G</li> <li>• 1: 5G</li> </ul>

## ruckusCtrlApWlanBssid

**TABLE 747** ruckusCtrlApWlanBssid

Object Name	ruckusCtrlApWlanBssid
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.3
Description	BSSID of the WLAN - AP MAC address for this WLAN.

## ruckusCtrlApWlanAuthMethod

**TABLE 748** ruckusCtrlApWlanAuthMethod

Object Name	ruckusCtrlApWlanAuthMethod
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.8
Description	Authentication method of the WLAN is: <ul style="list-style-type: none"> <li>• 1: open</li> <li>• 3: auto</li> <li>• 4: wpa-eap-802-1x</li> </ul>

## ruckusCtrlApWlanEncryptMethod

**TABLE 749** ruckusCtrlApWlanEncryptMethod

Object Name	ruckusCtrlApWlanEncryptMethod
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.9
Description	Encryption method of the WLAN is: <ul style="list-style-type: none"> <li>• 1: open</li> <li>• 2: wep</li> <li>• 3: wpa</li> </ul>

## ruckusCtrlApWlanId

**TABLE 750** ruckusCtrlApWlanId

Object Name	ruckusCtrlApWlanId
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.10
Description	Unique identifier (within zone) of this WLAN where the range is (0 to 65536)

## ruckusCtrlApWlanName

**TABLE 751** ruckusCtrlApWlanName

Object Name	ruckusCtrlApWlanName
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.11
Description	Displays the name of the WLAN.

## ruckusCtrlApWlanRadioChannel

**TABLE 752** ruckusCtrlApWlanRadioChannel

Object Name	ruckusCtrlApWlanRadioChannel
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.12
Description	Radio of the channel of this WLAN.

## ruckusCtrlApWlanSsid

**TABLE 753** ruckusCtrlApWlanSsid

Object Name	ruckusCtrlApWlanSsid
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.13
Description	SSID of this WLAN.

## ruckusCtrlApWlanVlanId

**TABLE 754** ruckusCtrlApWlanVlanId

Object Name	ruckusCtrlApWlanVlanId
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.14
Description	The VLAN identifier of this WLAN in the range (1 to 4094). If the VLAN ID is 1, packets from this WLAN will be untagged.

## ruckusCtrlApWlanRtsThreshold

**TABLE 755** ruckusCtrlApWlanRtsThreshold

Object Name	ruckusCtrlApWlanRtsThreshold
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.15
Description	This attribute indicates the threshold number of octets in an MPDU. The range is (256 to 2346). The default value is 2347.

## ruckusCtrlApWlanDownRateLimit

**TABLE 756** ruckusCtrlApWlanDownRateLimit

Object Name	ruckusCtrlApWlanDownRateLimit
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.19
Description	Down link rate limit of the WLAN in Kbps.

## ruckusCtrlApWlanUpRateLimit

**TABLE 757** ruckusCtrlApWlanUpRateLimit

Object Name	ruckusCtrlApWlanUpRateLimit
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.20
Description	UP link rate limit of the WLAN in Kbps.

## ruckusCtrlApWlanIsBcastDisable

**TABLE 758** ruckusCtrlApWlanIsBcastDisable

Object Name	ruckusCtrlApWlanIsBcastDisable
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.25
Description	To confirm if the SSID broadcast for this WLAN is disabled. Values are: <ul style="list-style-type: none"> <li>• 0: No</li> <li>• 1: Yes</li> </ul>

## ruckusCtrlApWlanIsGuest

**TABLE 759** ruckusCtrlApWlanIsGuest

Object Name	ruckusCtrlApWlanIsGuest
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.26
Description	To confirm if the WLAN connected is a guest. Values are: <ul style="list-style-type: none"> <li>0: No</li> <li>1: Yes</li> </ul>

## ruckusCtrlApWlanIsTunnel

**TABLE 760** ruckusCtrlApWlanIsTunnel

Object Name	ruckusCtrlApWlanIsTunnel
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.27
Description	To confirm if the tunnel is a WLAN. Values are: <ul style="list-style-type: none"> <li>0: No</li> <li>1: Yes</li> </ul>

## ruckusCtrlApWlanStatsNumAssocClients

**TABLE 761** ruckusCtrlApWlanStatsNumAssocClients

Object Name	ruckusCtrlApWlanStatsNumAssocClients
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.32
Description	Number of associated clients for this WLAN with an entry timestamp.

## ruckusCtrlApWlanStatsRxPkts

**TABLE 762** ruckusCtrlApWlanStatsRxPkts

Object Name	ruckusCtrlApWlanStatsRxPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.37
Description	Total number of received packets for this WLAN.

## ruckusCtrlApWlanStatsTxPkts

**TABLE 763** ruckusCtrlApWlanStatsTxPkts

Object Name	ruckusCtrlApWlanStatsTxPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.38
Description	Total number of transmitted packets for this WLAN.

## ruckusCtrlApWlanStatsRxBytes

**TABLE 764** ruckusCtrlApWlanStatsRxBytes

Object Name	ruckusCtrlApWlanStatsRxBytes
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.39
Description	Total number of received bytes of this WLAN. This counter does not include the Ether / VLAN header.

## ruckusCtrlApWlanStatsTxBytes

**TABLE 765** ruckusCtrlApWlanStatsTxBytes

Object Name	ruckusCtrlApWlanStatsTxBytes
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.40
Description	Total number of received bytes of this WLAN. This counter does not include the Ether / VLAN header.

## ruckusCtrlApWlanStatsRxDataBytes

**TABLE 766** ruckusCtrlApWlanStatsRxDataBytes

Object Name	ruckusCtrlApWlanStatsRxDataBytes
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.47
Description	Total number of data bytes received of this WLAN.

## ruckusCtrlApWlanStatsTxDataBytes

**TABLE 767** ruckusCtrlApWlanStatsTxDataBytes

Object Name	ruckusCtrlApWlanStatsTxDataBytes
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.48
Description	Total number of data bytes transmitted from this WLAN.

## ruckusCtrlApWlanStatsRxDataPkts

**TABLE 768** ruckusCtrlApWlanStatsRxDataPkts

Object Name	ruckusCtrlApWlanStatsRxDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.49
Description	Total number of data packets received.



## ruckusCtrlApWlanStatsTxDataPkts

**TABLE 769** ruckusCtrlApWlanStatsTxDataPkts

Object Name	ruckusCtrlApWlanStatsTxDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.50
Description	Total number of data packets transmitted.

## ruckusCtrlApWlanStatsRxBcastDataPkts

**TABLE 770** ruckusCtrlApWlanStatsRxBcastDataPkts

Object Name	ruckusCtrlApWlanStatsRxBcastDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.55
Description	Total number of broadcast data packets received.

## ruckusCtrlApWlanStatsTxBcastDataPkts

**TABLE 771** ruckusCtrlApWlanStatsTxBcastDataPkts

Object Name	ruckusCtrlApWlanStatsTxBcastDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.56
Description	Total number of broadcast data packets transmitted.

## ruckusCtrlApWlanStatsRxMcastDataPkts

**TABLE 772** ruckusCtrlApWlanStatsRxMcastDataPkts

Object Name	ruckusCtrlApWlanStatsRxMcastDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.57
Description	Total number of multicast data packets received.

## ruckusCtrlApWlanStatsTxMcastDataPkts

**TABLE 773** ruckusCtrlApWlanStatsTxMcastDataPkts

Object Name	ruckusCtrlApWlanStatsTxMcastDataPkts
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.58
Description	Total number of multicast data packets transmitted.

## ruckusCtrlApWlanStatsNumAssocReq

**TABLE 774** ruckusCtrlApWlanStatsNumAssocReq

Object Name	ruckusCtrlApWlanStatsNumAssocReq
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.78
Description	Total number of associated requests.

## ruckusCtrlApWlanStatsNumAssocResp

**TABLE 775** ruckusCtrlApWlanStatsNumAssocResp

Object Name	ruckusCtrlApWlanStatsNumAssocResp
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.79
Description	Total number of associated responses sent.

## ruckusCtrlApWlanStatsNumReassocReq

**TABLE 776** ruckusCtrlApWlanStatsNumReassocReq

Object Name	ruckusCtrlApWlanStatsNumReassocReq
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.80
Description	Total number of re-associated requests received

## ruckusCtrlApWlanStatsNumReassocResp

**TABLE 777** ruckusCtrlApWlanStatsNumReassocResp

Object Name	ruckusCtrlApWlanStatsNumReassocResp
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.81
Description	Total number of re-associated responses sent.

## ruckusCtrlApWlanStatsNumAuthReq

**TABLE 778** ruckusCtrlApWlanStatsNumAuthReq

Object Name	ruckusCtrlApWlanStatsNumAuthReq
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.89
Description	Total number of authentication requests received.

## ruckusCtrlApWlanStatsNumAuthResp

**TABLE 779** ruckusCtrlApWlanStatsNumAuthResp

Object Name	ruckusCtrlApWlanStatsNumAuthResp
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.90
Description	Total number of authentication responses sent.

## ruckusCtrlApWlanStatsNumAuthSuccess

**TABLE 780** ruckusCtrlApWlanStatsNumAuthSuccess

Object Name	ruckusCtrlApWlanStatsNumAuthSuccess
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.91
Description	Total number of successful authentications.

## ruckusCtrlApWlanStatsNumAuthFail

**TABLE 781** ruckusCtrlApWlanStatsNumAuthFail

Object Name	ruckusCtrlApWlanStatsNumAuthFail
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.92
Description	Total number of failed authentications.

## ruckusCtrlApWlanStatsAuthFailRate

**TABLE 782** ruckusCtrlApWlanStatsAuthFailRate

Object Name	ruckusCtrlApWlanStatsAuthFailRate
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.93
Description	Failed rate in percentage.

## ruckusCtrlApWlanStatsNumAssocFail

**TABLE 783** ruckusCtrlApWlanStatsNumAssocFail

Object Name	ruckusCtrlApWlanStatsNumAssocFail
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.98
Description	Total number of associated failures.

## Ruckus Controller Client Table

The following MIBs define the information for the controller **Client** table (**ruckusCtrlClientTable**) for users to easily access information of a specific client.



### CAUTION

**These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.**

### NOTE

It is recommended to use Public API or GPB/MQTT to obtain similar information for monitoring purposes.

In addition, if a client has successfully roamed from AP1 to AP2, only the information in AP2 will be returned. Using the *ClientMac* in this table, users get more details about this AP.

The index of the table is the *ClientMac*.

A MAC address of C8:AA:7C:8E:67:C4, must be translated to the equivalent decimal value of 200.170.124.142.103.196 for the query.

For example:

To get MAC C8:AA:7C:8E:67:C4, use the command format:

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-MIB::ruck- usCtrlClientMac.6.200.170.124.142.103.196 where 6 is the length of the string index.
```

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- [ruckusCtrlClientIp](#) on page 309
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- [ruckusCtrlClientApMac](#) on page 310
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## ruckusCtrlClientEntry

**TABLE 784** ruckusCtrlClientEntry

Object Name	ruckusCtrlClientEntry
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1
Description	The index to this table is ClientMac.

## ruckusCtrlClientMac

**TABLE 785** ruckusCtrlClientMac

Object Name	ruckusCtrlClientMac
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.1
Description	The MAC address of the user equipment.

## ruckusCtrlClientIp

**TABLE 786** ruckusCtrlClientIp

Object Name	ruckusCtrlClientIp
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.6
Description	The IP address of the user equipment.

## ruckusCtrlClientIpv6

**TABLE 787** ruckusCtrlClientIpv6

Object Name	ruckusCtrlClientIpv6
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.7
Description	The IPv6 address of the user equipment.

## ruckusCtrlClientApMac

**TABLE 788** ruckusCtrlClientApMac

Object Name	ruckusCtrlClientApMac
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.8
Description	The AP Mac address.

## ruckusCtrlClientWlanBssid

**TABLE 789** ruckusCtrlClientWlanBssid

Object Name	ruckusCtrlClientWlanBssid
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.9
Description	The BSSID of the WLAN.

## ruckusCtrlClientSsid

**TABLE 790** ruckusCtrlClientSsid

Object Name	ruckusCtrlClientSsid
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.10
Description	The SSID that the user equipment connects to.

## ruckusCtrlClientRadioIndex

**TABLE 791** ruckusCtrlClientRadioIndex

Object Name	ruckusCtrlClientRadioIndex
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.12
Description	The radio index of: <ul style="list-style-type: none"><li>• 0: 2.4G</li><li>• 1: 5G.</li></ul>

## ruckusCtrlClientRadioType

**TABLE 792** ruckusCtrlClientRadioType

Object Name	ruckusCtrlClientRadioType
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.13

**TABLE 792** ruckusCtrlClientRadioType (continued)

Object Name	ruckusCtrlClientRadioType
Description	The radio index: 1: ieee802dot11b  2: ieee802dot11g  3: ieee802dot11Mixed  4: ieee802dot11a  5: ieee802dot11ng  6: ieee802dot11na  7: ieee802dot11ac

## ruckusCtrlClientRadioChannel

**TABLE 793** ruckusCtrlClientRadioChannel

Object Name	ruckusCtrlClientRadioChannel
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.14
Description	The radio channel.

## ruckusCtrlClientUsername

**TABLE 794** ruckusCtrlClientUsername

Object Name	ruckusCtrlClientUsername
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.15
Description	The user name.

## ruckusCtrlClientVlanId

**TABLE 795** ruckusCtrlClientVlanId

Object Name	ruckusCtrlClientVlanId
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.18
Description	The VLAN identifier.

## ruckusCtrlClientOsType

**TABLE 796** ruckusCtrlClientOsType

Object Name	ruckusCtrlClientOsType
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.19
Description	The OS type of the user equipment.

## ruckusCtrlClientStatus

**TABLE 797** ruckusCtrlClientStatus

Object Name	ruckusCtrlClientStatus
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.20
Description	The authorized status of the client as: 1: unauthorized 2: authorized

## ruckusCtrlClientAuthMode

**TABLE 798** ruckusCtrlClientAuthMode

Object Name	ruckusCtrlClientAuthMode
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.29
Description	The authentication mode.

## ruckusCtrlClientStatsRssi

**TABLE 799** ruckusCtrlClientStatsRssi

Object Name	ruckusCtrlClientStatsRssi
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.41
Description	An estimate of the received signal power (strength), reported in dBm, at the AP for each received packet from a particular client.

## ruckusCtrlClientStatsSnr

**TABLE 800** ruckusCtrlClientStatsSnr

Object Name	ruckusCtrlClientStatsSnr
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.42
Description	An estimate of the received signal to noise ratio, reported in dB, at the AP for each received packet from a particular client. The SNR is rounded to the nearest dB.

## ruckusCtrlClientStatsNoiseFloor

**TABLE 801** ruckusCtrlClientStatsNoiseFloor

Object Name	ruckusCtrlClientStatsNoiseFloor
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.43



**TABLE 801** ruckusCtrlClientStatsNoiseFloor (continued)

Object Name	ruckusCtrlClientStatsNoiseFloor
Description	An estimate of the radio's thermal noise floor, reported in dBm, at the AP. The noise floor estimate is rounded to the nearest dB.

## ruckusCtrlClientStatsThroughput

**TABLE 802** ruckusCtrlClientStatsThroughput

Object Name	ruckusCtrlClientStatsThroughput
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.44
Description	An estimate of the saturated throughput of the AP towards a particular client.

## ruckusCtrlClientStatsRxDataBytes

**TABLE 803** ruckusCtrlClientStatsRxDataBytes

Object Name	ruckusCtrlClientStatsRxDataBytes
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.49
Description	Total number of data bytes that are successfully received.

## ruckusCtrlClientStatsTxDataBytes

**TABLE 804** ruckusCtrlClientStatsTxDataBytes

Object Name	ruckusCtrlClientStatsTxDataBytes
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.50
Description	Total number of bytes that are successfully transmitted.

## ruckusCtrlClientStatsRxDataPkts

**TABLE 805** ruckusCtrlClientStatsRxDataPkts

Object Name	ruckusCtrlClientStatsRxDataPkts
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.51
Description	Total number of data packets that are successfully received.

## ruckusCtrlClientStatsTxDataPkts

**TABLE 806** ruckusCtrlClientStatsTxDataPkts

Object Name	ruckusCtrlClientStatsTxDataPkts
Parent Node	ruckusCtrlClientTable

**TABLE 806** ruckusCtrlClientStatsTxDataPkts (continued)

Object Name	ruckusCtrlClientStatsTxDataPkts
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.52
Description	Total number of data packets that are successfully transmitted.

## ruckusCtrlClientStatsTxAvgByteRate

**TABLE 807** ruckusCtrlClientStatsTxAvgByteRate

Object Name	ruckusCtrlClientStatsTxAvgByteRate
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.56
Description	Average rate as percentage of transmitted bytes.

## ruckusCtrlClientStatsTxRetry

**TABLE 808** ruckusCtrlClientStatsTxRetry

Object Name	ruckusCtrlClientStatsTxRetry
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.57
Description	Total number retries while transmitting packets.

## ruckusCtrlClientStatsRxError

**TABLE 809** ruckusCtrlClientStatsRxError

Object Name	ruckusCtrlClientStatsRxError
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.58
Description	Total number of errors when receiving packets.

## ruckusCtrlClientStatsTxError

**TABLE 810** ruckusCtrlClientStatsTxError

Object Name	ruckusCtrlClientStatsTxError
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.59
Description	Total number of errors when transmitting packets.

## ruckusCtrlClientStatsTxRetryBytes

**TABLE 811** ruckusCtrlClientStatsTxRetryBytes

Object Name	ruckusCtrlClientStatsTxRetryBytes
Parent Node	ruckusCtrlClientTable

**TABLE 811** ruckusCtrlClientStatsTxRetryBytes (continued)

Object Name	ruckusCtrlClientStatsTxRetryBytes
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.61
Description	Total number of retries when transmitting bytes.

## ruckusCtrlClientStatsTxDropPkts

**TABLE 812** ruckusCtrlClientStatsTxDropPkts

Object Name	ruckusCtrlClientStatsTxDropPkts
Parent Node	ruckusCtrlClientTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.8.1.63
Description	Total number of transmitted packets that dropped.

## AP Wired Client Table

The following MIBs define the information for the controller **AP Wired Client (ruckusCtrlApWiredClientTable)** table for users to easily access information on all wired clients in a specific AP.

The index of the table is the *ApMac* and *WiredClientMac*.

To query all clients in a specific AP (ap1), use the command format:

```
snmpwalk ruckusCtrlApWiredClientMac.ap1
```

For MAC address of C8:AA:7C:8E:67:C4, it must be translated to equivalent decimal value of 202.170.124.142.103.196 for the query.

For example use the command format:

```
snmpget -v2c -c public <ip_addr>  
RUCKUS-CTRL-MIB::ruckusCtrlApWiredClientMac.6.202.170.124.142.103.196  
where 6 is the length of the string index
```

For MIB browser, it should translate the MAC address to the decimal form.

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.9.1.6.6.202.170.124.142.103.196
```

- [ruckusCTRLApWiredClientEntry](#) on page 315
- [ruckusCtrlApWiredClientApMac](#) on page 316
- [ruckusCtrlApWiredClientMac](#) on page 316

## ruckusCTRLApWiredClientEntry

**TABLE 813** ruckusCTRLApWiredClientEntry

Object Name	ruckusCTRLApWiredClientEntry
Parent Node	ruckusCtrlApWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.1.11.1
Description	The index to this table is: <ul style="list-style-type: none"> <li>• ruckusCtrlApWiredClientApMac</li> <li>• ruckusCtrlApWiredClientMac</li> </ul>

## ruckusCtrlApWiredClientApMac

TABLE 814 ruckusCtrlApWiredClientApMac

Object Name	ruckusCtrlApWiredClientApMac
Parent Node	ruckusCtrlApWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.11.1
Description	The AP MAC address.

## ruckusCtrlApWiredClientMac

TABLE 815 ruckusCtrlApWiredClientMac

Object Name	ruckusCtrlApWiredClientMac
Parent Node	ruckusCtrlApWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.11.1.6
Description	Wired client MAC address.

# Ruckus Wired Client Table

The following MIBs define the information for the controller **Wired Client (ruckusCtrlWiredClientTable)** table for users to easily access information of a specific wired client.

The index of the table is *WiredClientMac*. This table supports only *snmpget* when the user knows the wired UE's MAC, where the first index should be provided.

To query MAC address of C8:AA:7C:8E:67:C4, it must be translated to an equivalent decimal value of 200.170.124.142.103.196.

For example, to get information of the wired UE with MAC address of C8:AA:7C:8E:67:C4 use the command format:

```
snmpget -v2c -c public <ip_addr> RUCKUS-CTRL-MIB::ruckusCtrlWiredClientMac.6.200.170.124.142.103.196  
where 6 is the length of the string index
```

MAC Address C8:AA:7C:8E:67:C4 in decimal form is 200.170.124.142.103.196:

### NOTE

These tables are designed for debugging specific wired clients for a period of time. It is recommended that you do not use this for periodic and long time monitoring.

- [ruckusCTRLWiredClientEntry](#) on page 317
- [ruckusCtrlWiredClientMac](#) on page 317
- [ruckusCtrlWiredClientUserName](#) on page 317
- [ruckusCtrlWiredClientLanPort](#) on page 318
- [ruckusCtrlWiredClientVlanId](#) on page 318
- [ruckusCtrlWiredClientIp](#) on page 318
- [ruckusCtrlWiredClientIpv6](#) on page 318
- [ruckusCtrlWiredClientApMac](#) on page 318
- [ruckusCtrlWiredClientAuthStatus](#) on page 319
- [ruckusCtrlWiredClientRxFrames](#) on page 319

- [ruckusCtrlWiredClientTxFrames](#) on page 319
- [ruckusCtrlWiredClientRxBytes](#) on page 319
- [ruckusCtrlWiredClientTxBytes](#) on page 319
- [ruckusCtrlWiredClientRxUcastPkts](#) on page 320
- [ruckusCtrlWiredClientTxUcastPkts](#) on page 320
- [ruckusCtrlWiredClientRxMcastPkts](#) on page 320
- [ruckusCtrlWiredClientRxMcastLegacyPkts](#) on page 320
- [ruckusCtrlWiredClientRxMcastLegacyPkts](#) on page 320
- [ruckusCtrlWiredClientRxBcastPkts](#) on page 321
- [ruckusCtrlWiredClientTxBcastPkts](#) on page 321
- [ruckusCtrlWiredClientRxDroppedPkts](#) on page 321
- [ruckusCtrlWiredClientTxBcastPkts](#) on page 321
- [ruckusCtrlWiredClientRxEapolPkts](#) on page 321
- [ruckusCtrlWiredClientTxEapolPkts](#) on page 322

## ruckusCTRLWiredClientEntry

**TABLE 816** ruckusCTRLWiredClientEntry

Object Name	ruckusCTRLWiredClientEntry
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1
Description	The index to this table is WiredClientMac.

## ruckusCtrlWiredClientMac

**TABLE 817** ruckusCtrlWiredClientMac

Object Name	ruckusCtrlWiredClientMac
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.1
Description	The wired UE MAC Address

## ruckusCtrlWiredClientUserName

**TABLE 818** ruckusCtrlWiredClientUserName

Object Name	ruckusCtrlWiredClientUserName
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.3
Description	The wired UE user name.

## ruckusCtrlWiredClientLanPort

**TABLE 819** ruckusCtrlWiredClientLanPort

Object Name	ruckusCtrlWiredClientLanPort
Parent Node	ruckusCtrlApClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.4
Description	The wired UE LAN port

## ruckusCtrlWiredClientVlanId

**TABLE 820** ruckusCtrlWiredClientVlanId

Object Name	ruckusCtrlWiredClientVlanId
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.5
Description	VLAN identifier.

## ruckusCtrlWiredClientIp

**TABLE 821** ruckusCtrlWiredClientIp

Object Name	ruckusCtrlWiredClientIp
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.7
Description	The wired UE IP address.

## ruckusCtrlWiredClientIpv6

**TABLE 822** ruckusCtrlWiredClientIpv6

Object Name	ruckusCtrlWiredClientIpv6
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.7
Description	The wired UE IPV6 address.

## ruckusCtrlWiredClientApMac

**TABLE 823** ruckusCtrlWiredClientApMac

Object Name	ruckusCtrlWiredClientApMac
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.8
Description	The AP MAC address of the wired client.

## ruckusCtrlWiredClientAuthStatus

**TABLE 824** ruckusCtrlWiredClientAuthStatus

Object Name	ruckusCtrlWiredClientAuthStatus
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.10
Description	The authorized status of the wired client: <ul style="list-style-type: none"> <li>unauthorized (1)</li> <li>authorized (2)</li> </ul>

## ruckusCtrlWiredClientRxFrames

**TABLE 825** ruckusCtrlWiredClientRxFrames

Object Name	ruckusCtrlWiredClientRxFrames
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.15
Description	The total received frames of the wired client.

## ruckusCtrlWiredClientTxFrames

**TABLE 826** ruckusCtrlWiredClientTxFrames

Object Name	ruckusCtrlWiredClientTxFrames
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.16
Description	The total transmitted frames of the wired client.

## ruckusCtrlWiredClientRxBytes

**TABLE 827** ruckusCtrlWiredClientRxBytes

Object Name	ruckusCtrlWiredClientUserName
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.17
Description	The total received bytes of the wired client.

## ruckusCtrlWiredClientTxBytes

**TABLE 828** ruckusCtrlWiredClientTxBytes

Object Name	ruckusCtrlWiredClientTxBytes
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.18
Description	The total transmitted bytes of the wired client.

## ruckusCtrlWiredClientRxUcastPkts

**TABLE 829** ruckusCtrlWiredClientRxUcastPkts

Object Name	ruckusCtrlWiredClientRxUcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.23
Description	The number of received unicast packets of the wired client

## ruckusCtrlWiredClientTxUcastPkts

**TABLE 830** ruckusCtrlWiredClientTxUcastPkts

Object Name	ruckusCtrlWiredClientTxUcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.24
Description	The number of transmitted unicast packets of the wired client.

## ruckusCtrlWiredClientRxMcastPkts

**TABLE 831** ruckusCtrlWiredClientRxMcastPkts

Object Name	ruckusCtrlWiredClientRxMcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.25
Description	The number of multicast packets received of the wired client.

## ruckusCtrlWiredClientTxMcastPkts

**TABLE 832** ruckusCtrlWiredClientTxMcastPkts

Object Name	ruckusCtrlWiredClientTxMcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.26
Description	The number of multicast packets transmitted of the wired client.

## ruckusCtrlWiredClientRxMcastLegacyPkts

**TABLE 833** ruckusCtrlWiredClientRxMcastLegacyPkts

Object Name	ruckusCtrlWiredClientRxMcastLegacyPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.27
Description	The total number of multicast legacy packets of the wired client.



## ruckusCtrlWiredClientRxBcastPkts

**TABLE 834** ruckusCtrlWiredClientRxBcastPkts

Object Name	ruckusCtrlWiredClientRxBcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.28
Description	The number of broadcast packets received of the wired client.

## ruckusCtrlWiredClientTxBcastPkts

**TABLE 835** ruckusCtrlWiredClientTxBcastPkts

Object Name	ruckusCtrlWiredClientTxBcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.29
Description	The number of broadcast packets transmitted of the wired client.

## ruckusCtrlWiredClientRxDroppedPkts

**TABLE 836** ruckusCtrlWiredClientRxDroppedPkts

Object Name	ruckusCtrlWiredClientRxDroppedPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.34
Description	The number of dropped frames received.

## ruckusCtrlWiredClientTxDroppedPkts

**TABLE 837** ruckusCtrlWiredClientTxDroppedPkts

Object Name	ruckusCtrlWiredClientTxDroppedPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.35
Description	The number of transmitted dropped frames.

## ruckusCtrlWiredClientRxEapolPkts

**TABLE 838** ruckusCtrlWiredClientRxEapolPkts

Object Name	ruckusCtrlWiredClientRxEapolPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.2.15.1.36
Description	The number of EAPOL (Extensible Authentication Protocol (EAP) over LAN (EAPoL)) packets received.

## ruckusCtrlWiredClientTxEapolPkts

**TABLE 839** ruckusCtrlWiredClientTxEapolPkts

Object Name	ruckusCtrlWiredClientTxEapolPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.37
Description	The number of EAPOL packets transmitted.

# Ruckus IPv6 MIB

- IP-FORWARD-MIB..... 323
- IP-MIB..... 325
- TCP-MIB..... 349
- UDP-MIB..... 350
- IPV6-MIB..... 350

The following standard MIB OIDs which supported IPv6 will now be able to use IPv6 address to query SNMP MIB:

## IP-FORWARD-MIB

### inetCidrRouteTable

Following are the objects related to IP-FORWARD-MIB::inetCidrRouteTable:

- [inetCidrRouteIfIndex](#) on page 323
- [inetCidrRouteType](#) on page 323
- [inetCidrRouteProto](#) on page 324
- [inetCidrRouteAge](#) on page 324
- [inetCidrRouteNextHopAS](#) on page 324
- [inetCidrRouteMetric1](#) on page 324
- [inetCidrRouteMetric2](#) on page 324
- [inetCidrRouteMetric3](#) on page 324
- [inetCidrRouteMetric4](#) on page 325
- [inetCidrRouteMetric5](#) on page 325
- [inetCidrRouteStatus](#) on page 325

### *inetCidrRouteIfIndex*

**TABLE 840** inetCidrRouteIfIndex

Object Name	inetCidrRouteIfIndex
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.7

### *inetCidrRouteType*

**TABLE 841** inetCidrRouteType

Object Name	inetCidrRouteType
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.8

### *inetCidrRouteProto*

**TABLE 842** inetCidrRouteProto

Object Name	inetCidrRouteProto
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.9

### *inetCidrRouteAge*

**TABLE 843** inetCidrRouteAge

Object Name	inetCidrRouteAge
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.10

### *inetCidrRouteNextHopAS*

**TABLE 844** inetCidrRouteNextHopAS

Object Name	inetCidrRouteNextHopAS
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.11

### *inetCidrRouteMetric1*

**TABLE 845** inetCidrRouteMetric1

Object Name	inetCidrRouteMetric1
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.12

### *inetCidrRouteMetric2*

**TABLE 846** inetCidrRouteMetric2

Object Name	inetCidrRouteMetric2
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.13

### *inetCidrRouteMetric3*

**TABLE 847** inetCidrRouteMetric3

Object Name	inetCidrRouteMetric3
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.14

### *inetCidrRouteMetric4*

**TABLE 848** inetCidrRouteMetric4

Object Name	inetCidrRouteMetric4
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.15

### *inetCidrRouteMetric5*

**TABLE 849** inetCidrRouteMetric5

Object Name	inetCidrRouteMetric5
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.16

### *inetCidrRouteStatus*

**TABLE 850** inetCidrRouteStatus

Object Name	inetCidrRouteStatus
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.17

## IP-MIB

Following are the objects related to IP-MIB:

- [ipv6IpForwarding](#) on page 325
- [ipv6IpDefaultHopLimit](#) on page 325
- [ipv6InterfaceTableLastChange](#) on page 326

### *ipv6IpForwarding*

**TABLE 851** ipv6IpForwarding

Object Name	ipv6IpForwarding
Object Identifier	.1.3.6.1.2.1.4.25

### *ipv6IpDefaultHopLimit*

**TABLE 852** ipv6IpDefaultHopLimit

Object Name	ipv6IpDefaultHopLimit
Object Identifier	.1.3.6.1.2.1.4.26

## ipv6InterfaceTableLastChange

**TABLE 853** ipv6InterfaceTableLastChange

Object Name	ipv6InterfaceTableLastChange
Object Identifier	.1.3.6.1.2.1.4.29

## ipv6InterfaceTable

Following are the objects related to IP-MIB::ipv6InterfaceTable:

- [ipv6InterfaceReasmMaxSize](#) on page 326
- [ipv6InterfaceIdentifier](#) on page 326
- [ipv6InterfaceEnableStatus](#) on page 326
- [ipv6InterfaceReachableTime](#) on page 326
- [ipv6InterfaceRetransmitTime](#) on page 327
- [ipv6InterfaceForwarding](#) on page 327

## ipv6InterfaceReasmMaxSize

**TABLE 854** ipv6InterfaceReasmMaxSize

Object Name	ipv6InterfaceReasmMaxSize
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.2

## ipv6InterfaceIdentifier

**TABLE 855** ipv6InterfaceIdentifier

Object Name	ipv6InterfaceIdentifier
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.3

## ipv6InterfaceEnableStatus

**TABLE 856** ipv6InterfaceEnableStatus

Object Name	ipv6InterfaceEnableStatus
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.5

## ipv6InterfaceReachableTime

**TABLE 857** ipv6InterfaceReachableTime

Object Name	ipv6InterfaceReachableTime
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.6

## ipv6InterfaceRetransmitTime

**TABLE 858** ipv6InterfaceRetransmitTime

Object Name	ipv6InterfaceRetransmitTime
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.7

## ipv6InterfaceForwarding

**TABLE 859** ipv6InterfaceForwarding

Object Name	ipv6InterfaceForwarding
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.8

## ipSystemStatsTable

Following are the objects related to IP-MIB::ipSystemStatsTable:

Object	Object	Object
<a href="#">ipSystemStatsInReceives</a> on page 327	<a href="#">ipSystemStatsHCInReceives</a> on page 328	<a href="#">ipSystemStatsInOctets</a> on page 328
<a href="#">ipSystemStatsHCInOctets</a> on page 328	<a href="#">ipSystemStatsInHdrErrors</a> on page 328	<a href="#">ipSystemStatsInNoRoutes</a> on page 328
<a href="#">ipSystemStatsInAddrErrors</a> on page 328	<a href="#">ipSystemStatsInUnknownProtos</a> on page 329	<a href="#">ipSystemStatsInTruncatedPkts</a> on page 329
<a href="#">ipSystemStatsInForwDatagrams</a> on page 329	<a href="#">ipSystemStatsHCInForwDatagrams</a> on page 329	<a href="#">ipSystemStatsReasmReqds</a> on page 329
<a href="#">ipSystemStatsReasmOKs</a> on page 329	<a href="#">ipSystemStatsReasmFails</a> on page 330	<a href="#">ipSystemStatsInDiscards</a> on page 330
<a href="#">ipSystemStatsInDelivers</a> on page 330	<a href="#">ipSystemStatsHCInDelivers</a> on page 330	<a href="#">ipSystemStatsOutRequests</a> on page 330
<a href="#">ipSystemStatsHCOutRequests</a> on page 330	<a href="#">ipSystemStatsOutNoRoutes</a> on page 331	<a href="#">ipSystemStatsOutForwDatagrams</a> on page 331
<a href="#">ipSystemStatsHCOutForwDatagrams</a> on page 331	<a href="#">ipSystemStatsOutDiscards</a> on page 331	<a href="#">ipSystemStatsOutFragReqds</a> on page 331
<a href="#">ipSystemStatsOutFragOKs</a> on page 331	<a href="#">ipSystemStatsOutFragFails</a> on page 332	<a href="#">ipSystemStatsOutFragCreates</a> on page 332
<a href="#">ipSystemStatsOutTransmits</a> on page 332	<a href="#">ipSystemStatsHCOutTransmits</a> on page 332	<a href="#">ipSystemStatsOutOctets</a> on page 332
<a href="#">ipSystemStatsHCOutOctets</a> on page 332	<a href="#">ipSystemStatsInMcastPkts</a> on page 333	<a href="#">ipSystemStatsHCInMcastPkts</a> on page 333
<a href="#">ipSystemStatsInMcastOctets</a> on page 333	<a href="#">ipSystemStatsHCInMcastOctets</a> on page 333	<a href="#">ipSystemStatsOutMcastPkts</a> on page 333
<a href="#">ipSystemStatsHCOutMcastPkts</a> on page 333	<a href="#">ipSystemStatsOutMcastOctets</a> on page 334	<a href="#">ipSystemStatsHCOutMcastOctets</a> on page 334
<a href="#">ipSystemStatsDiscontinuityTime</a> on page 334	<a href="#">ipSystemStatsRefreshRate</a> on page 334	

## ipSystemStatsInReceives

**TABLE 860** ipSystemStatsInReceives

Object Name	ipSystemStatsInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.3

### *ipSystemStatsHCInReceives*

**TABLE 861** ipSystemStatsHCInReceives

Object Name	ipSystemStatsHCInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.4

### *ipSystemStatsInOctets*

**TABLE 862** ipSystemStatsInOctets

Object Name	ipSystemStatsInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.5

### *ipSystemStatsHCInOctets*

**TABLE 863** ipSystemStatsHCInOctets

Object Name	ipSystemStatsHCInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.6

### *ipSystemStatsInHdrErrors*

**TABLE 864** ipSystemStatsInHdrErrors

Object Name	ipSystemStatsInHdrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.7

### *ipSystemStatsInNoRoutes*

**TABLE 865** ipSystemStatsInNoRoutes

Object Name	ipSystemStatsInNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.8

### *ipSystemStatsInAddrErrors*

**TABLE 866** ipSystemStatsInAddrErrors

Object Name	ipSystemStatsInAddrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.9



### *ipSystemStatsInUnknownProtos*

**TABLE 867** ipSystemStatsInUnknownProtos

Object Name	ipSystemStatsInUnknownProtos
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.10

### *ipSystemStatsInTruncatedPkts*

**TABLE 868** ipSystemStatsInTruncatedPkts

Object Name	ipSystemStatsInTruncatedPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.11

### *ipSystemStatsInForwDatagrams*

**TABLE 869** ipSystemStatsInForwDatagrams

Object Name	ipSystemStatsInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.12

### *ipSystemStatsHCInForwDatagrams*

**TABLE 870** ipSystemStatsHCInForwDatagrams

Object Name	ipSystemStatsHCInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.13

### *ipSystemStatsReasmReqds*

**TABLE 871** ipSystemStatsReasmReqds

Object Name	ipSystemStatsReasmReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.14

### *ipSystemStatsReasmOKs*

**TABLE 872** ipSystemStatsReasmOKs

Object Name	ipSystemStatsReasmOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.15

### *ipSystemStatsReasmFails*

**TABLE 873** ipSystemStatsReasmFails

Object Name	ipSystemStatsReasmFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.16

### *ipSystemStatsInDiscards*

**TABLE 874** ipSystemStatsInDiscards

Object Name	ipSystemStatsInDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.17

### *ipSystemStatsInDelivers*

**TABLE 875** ipSystemStatsInDelivers

Object Name	ipSystemStatsInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.18

### *ipSystemStatsHCInDelivers*

**TABLE 876** ipSystemStatsHCInDelivers

Object Name	ipSystemStatsHCInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.19

### *ipSystemStatsOutRequests*

**TABLE 877** ipSystemStatsOutRequests

Object Name	ipSystemStatsOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.20

### *ipSystemStatsHCOutRequests*

**TABLE 878** ipSystemStatsHCOutRequests

Object Name	ipSystemStatsHCOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.21

### *ipSystemStatsOutNoRoutes*

**TABLE 879** ipSystemStatsOutNoRoutes

Object Name	ipSystemStatsOutNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.22

### *ipSystemStatsOutForwDatagrams*

**TABLE 880** ipSystemStatsOutForwDatagrams

Object Name	ipSystemStatsOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.23

### *ipSystemStatsHCOutForwDatagrams*

**TABLE 881** ipSystemStatsHCOutForwDatagrams

Object Name	ipSystemStatsHCOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.24

### *ipSystemStatsOutDiscards*

**TABLE 882** ipSystemStatsOutDiscards

Object Name	ipSystemStatsOutDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.25

### *ipSystemStatsOutFragReqds*

**TABLE 883** ipSystemStatsOutFragReqds

Object Name	ipSystemStatsOutFragReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.26

### *ipSystemStatsOutFragOKs*

**TABLE 884** ipSystemStatsOutFragOKs

Object Name	ipSystemStatsOutFragOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.27

### *ipSystemStatsOutFragFails*

**TABLE 885** ipSystemStatsOutFragFails

Object Name	ipSystemStatsOutFragFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.28

### *ipSystemStatsOutFragCreates*

**TABLE 886** ipSystemStatsOutFragCreates

Object Name	ipSystemStatsOutFragCreates
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.29

### *ipSystemStatsOutTransmits*

**TABLE 887** ipSystemStatsOutTransmits

Object Name	ipSystemStatsOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.30

### *ipSystemStatsHCOutTransmits*

**TABLE 888** ipSystemStatsHCOutTransmits

Object Name	ipSystemStatsHCOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.31

### *ipSystemStatsOutOctets*

**TABLE 889** ipSystemStatsOutOctets

Object Name	ipSystemStatsOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.32

### *ipSystemStatsHCOutOctets*

**TABLE 890** ipSystemStatsHCOutOctets

Object Name	ipSystemStatsHCOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.33

### *ipSystemStatsInMcastPkts*

**TABLE 891** ipSystemStatsInMcastPkts

Object Name	ipSystemStatsInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.34

### *ipSystemStatsHCInMcastPkts*

**TABLE 892** ipSystemStatsHCInMcastPkts

Object Name	ipSystemStatsHCInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.35

### *ipSystemStatsInMcastOctets*

**TABLE 893** ipSystemStatsInMcastOctets

Object Name	ipSystemStatsInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.36

### *ipSystemStatsHCInMcastOctets*

**TABLE 894** ipSystemStatsHCInMcastOctets

Object Name	ipSystemStatsHCInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.37

### *ipSystemStatsOutMcastPkts*

**TABLE 895** ipSystemStatsOutMcastPkts

Object Name	ipSystemStatsOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.38

### *ipSystemStatsHCOutMcastPkts*

**TABLE 896** ipSystemStatsHCOutMcastPkts

Object Name	ipSystemStatsHCOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.39

### *ipSystemStatsOutMcastOctets*

**TABLE 897** ipSystemStatsOutMcastOctets

Object Name	ipSystemStatsOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.40

### *ipSystemStatsHCOutMcastOctets*

**TABLE 898** ipSystemStatsHCOutMcastOctets

Object Name	ipSystemStatsHCOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.41

### *ipSystemStatsDiscontinuityTime*

**TABLE 899** ipSystemStatsDiscontinuityTime

Object Name	ipSystemStatsDiscontinuityTime
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.46

### *ipSystemStatsRefreshRate*

**TABLE 900** ipSystemStatsRefreshRate

Object Name	ipSystemStatsRefreshRate
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.47

## **ipIfStatsTable**

Following are the objects related to IP-MIB::ipIfStatsTable:

Object	Object	Object
<a href="#">ipIfStatsInReceives</a> on page 335	<a href="#">ipIfStatsHCInReceives</a> on page 335	<a href="#">ipIfStatsInOctets</a> on page 335
<a href="#">ipIfStatsHCInOctets</a> on page 335	<a href="#">ipIfStatsInHdrErrors</a> on page 335	<a href="#">ipIfStatsInNoRoutes</a> on page 336
<a href="#">ipIfStatsInAddrErrors</a> on page 336	<a href="#">ipIfStatsInUnknownProtos</a> on page 336	<a href="#">ipIfStatsInTruncatedPkts</a> on page 336
<a href="#">ipIfStatsInForwDatagrams</a> on page 336	<a href="#">ipIfStatsHCInForwDatagrams</a> on page 336	<a href="#">ipIfStatsReasmReqds</a> on page 337
<a href="#">ipIfStatsReasmOKs</a> on page 337	<a href="#">ipIfStatsReasmFails</a> on page 337	<a href="#">ipIfStatsInDiscards</a> on page 337
<a href="#">ipIfStatsInDelivers</a> on page 337	<a href="#">ipIfStatsHCInDelivers</a> on page 337	<a href="#">ipIfStatsOutRequests</a> on page 338
<a href="#">ipIfStatsHCOutRequests</a> on page 338	<a href="#">ipIfStatsOutForwDatagrams</a> on page 338	<a href="#">ipIfStatsHCOutForwDatagrams</a> on page 338
<a href="#">ipIfStatsOutDiscards</a> on page 338	<a href="#">ipIfStatsOutFragReqds</a> on page 338	<a href="#">ipIfStatsOutFragOKs</a> on page 339
<a href="#">ipIfStatsOutFragFails</a> on page 339	<a href="#">ipIfStatsOutFragCreates</a> on page 339	<a href="#">ipIfStatsOutTransmits</a> on page 339
<a href="#">ipIfStatsHCOutTransmits</a> on page 339	<a href="#">ipIfStatsOutOctets</a> on page 339	<a href="#">ipIfStatsHCOutOctets</a> on page 340
<a href="#">ipIfStatsInMcastPkts</a> on page 340	<a href="#">ipIfStatsHCInMcastPkts</a> on page 340	<a href="#">ipIfStatsInMcastOctets</a> on page 340

Object	Object	Object
<a href="#">ipIfStatsHCInMcastOctets</a> on page 340	<a href="#">ipIfStatsOutMcastPkts</a> on page 340	<a href="#">ipIfStatsHCOOutMcastPkts</a> on page 341
<a href="#">ipIfStatsOutMcastOctets</a> on page 341	<a href="#">ipIfStatsHCOOutMcastOctets</a> on page 341	<a href="#">ipIfStatsDiscontinuityTime</a> on page 341
<a href="#">ipIfStatsRefreshRate</a> on page 341		

### *ipIfStatsInReceives*

**TABLE 901** ipIfStatsInReceives

Object Name	ipIfStatsInReceives
Parent Node	ipIfStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.3

### *ipIfStatsHCInReceives*

**TABLE 902** ipIfStatsHCInReceives

Object Name	ipIfStatsHCInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.4

### *ipIfStatsInOctets*

**TABLE 903** ipIfStatsInOctets

Object Name	ipIfStatsInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.5

### *ipIfStatsHCInOctets*

**TABLE 904** ipIfStatsHCInOctets

Object Name	ipIfStatsHCInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.6

### *ipIfStatsInHdrErrors*

**TABLE 905** ipIfStatsInHdrErrors

Object Name	ipIfStatsInHdrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.7

### *ipIfStatsInNoRoutes*

**TABLE 906** ipIfStatsInNoRoutes

Object Name	ipIfStatsInNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.8

### *ipIfStatsInAddrErrors*

**TABLE 907** ipIfStatsInAddrErrors

Object Name	ipIfStatsInAddrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.9

### *ipIfStatsInUnknownProtos*

**TABLE 908** ipIfStatsInUnknownProtos

Object Name	ipIfStatsInUnknownProtos
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.10

### *ipIfStatsInTruncatedPkts*

**TABLE 909** ipIfStatsInTruncatedPkts

Object Name	ipIfStatsInTruncatedPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.11

### *ipIfStatsInForwDatagrams*

**TABLE 910** ipIfStatsInForwDatagrams

Object Name	ipIfStatsInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.12

### *ipIfStatsHCInForwDatagrams*

**TABLE 911** ipIfStatsHCInForwDatagrams

Object Name	ipIfStatsHCInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.13



### *ipIfStatsReasmReqds*

**TABLE 912** ipIfStatsReasmReqds

Object Name	ipIfStatsReasmReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.14

### *ipIfStatsReasmOKs*

**TABLE 913** ipIfStatsReasmOKs

Object Name	ipIfStatsReasmOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.15

### *ipIfStatsReasmFails*

**TABLE 914** ipIfStatsReasmFails

Object Name	ipIfStatsReasmFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.16

### *ipIfStatsInDiscards*

**TABLE 915** ipIfStatsInDiscards

Object Name	ipIfStatsInDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.17

### *ipIfStatsInDelivers*

**TABLE 916** ipIfStatsInDelivers

Object Name	ipIfStatsInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.18

### *ipIfStatsHCInDelivers*

**TABLE 917** ipIfStatsHCInDelivers

Object Name	ipIfStatsHCInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.19

### *ipIfStatsOutRequests*

**TABLE 918** ipIfStatsOutRequests

Object Name	ipIfStatsOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.20

### *ipIfStatsHCOutRequests*

**TABLE 919** ipIfStatsHCOutRequests

Object Name	ipIfStatsHCOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.21

### *ipIfStatsOutForwDatagrams*

**TABLE 920** ipIfStatsOutForwDatagrams

Object Name	ipIfStatsOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.23

### *ipIfStatsHCOutForwDatagrams*

**TABLE 921** ipIfStatsHCOutForwDatagrams

Object Name	ipIfStatsHCOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.24

### *ipIfStatsOutDiscards*

**TABLE 922** ipIfStatsOutDiscards

Object Name	ipIfStatsOutDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.25

### *ipIfStatsOutFragReqds*

**TABLE 923** ipIfStatsOutFragReqds

Object Name	ipIfStatsOutFragReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.26

### *ipIfStatsOutFragOKs*

**TABLE 924** ipIfStatsOutFragOKs

Object Name	ipIfStatsOutFragOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.27

### *ipIfStatsOutFragFails*

**TABLE 925** ipIfStatsOutFragFails

Object Name	ipIfStatsOutFragFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.28

### *ipIfStatsOutFragCreates*

**TABLE 926** ipIfStatsOutFragCreates

Object Name	ipIfStatsOutFragCreates
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.29

### *ipIfStatsOutTransmits*

**TABLE 927** ipIfStatsOutTransmits

Object Name	ipIfStatsOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.30

### *ipIfStatsHCOutTransmits*

**TABLE 928** ipIfStatsHCOutTransmits

Object Name	ipIfStatsHCOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.31

### *ipIfStatsOutOctets*

**TABLE 929** ipIfStatsOutOctets

Object Name	ipIfStatsOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.32

### *ipIfStatsHCOctets*

**TABLE 930** ipIfStatsHCOctets

Object Name	ipIfStatsHCOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.33

### *ipIfStatsInMcastPkts*

**TABLE 931** ipIfStatsInMcastPkts

Object Name	ipIfStatsInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.34

### *ipIfStatsHCInMcastPkts*

**TABLE 932** ipIfStatsHCInMcastPkts

Object Name	ipIfStatsHCInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.35

### *ipIfStatsInMcastOctets*

**TABLE 933** ipIfStatsInMcastOctets

Object Name	ipIfStatsInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.36

### *ipIfStatsHCInMcastOctets*

**TABLE 934** ipIfStatsHCInMcastOctets

Object Name	ipIfStatsHCInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.37

### *ipIfStatsOutMcastPkts*

**TABLE 935** ipIfStatsOutMcastPkts

Object Name	ipIfStatsOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.38

### *ipIfStatsHCOutMcastPkts*

**TABLE 936** ipIfStatsHCOutMcastPkts

Object Name	ipIfStatsHCOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.39

### *ipIfStatsOutMcastOctets*

**TABLE 937** ipIfStatsOutMcastOctets

Object Name	ipIfStatsOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.40

### *ipIfStatsHCOutMcastOctets*

**TABLE 938** ipIfStatsHCOutMcastOctets

Object Name	ipIfStatsHCOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.41

### *ipIfStatsDiscontinuityTime*

**TABLE 939** ipIfStatsDiscontinuityTime

Object Name	ipIfStatsDiscontinuityTime
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.46

### *ipIfStatsRefreshRate*

**TABLE 940** ipIfStatsRefreshRate

Object Name	ipIfStatsRefreshRate
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.47

## ipAddressPrefixTable

Following are the objects related to IP-MIB::ipAddressPrefixTable:

- [ipAddressPrefixOrigin](#) on page 342
- [ipAddressPrefixOnLinkFlag](#) on page 342
- [ipAddressPrefixAutonomousFlag](#) on page 342
- [ipAddressPrefixAdvPreferredLifetime](#) on page 342
- [ipAddressPrefixAdvValidLifetime](#) on page 342

### *ipAddressPrefixOrigin*

**TABLE 941** ipAddressPrefixOrigin

Object Name	ipAddressPrefixOrigin
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.5

### *ipAddressPrefixOnLinkFlag*

**TABLE 942** ipAddressPrefixOnLinkFlag

Object Name	ipAddressPrefixOnLinkFlag
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.6

### *ipAddressPrefixAutonomousFlag*

**TABLE 943** ipAddressPrefixAutonomousFlag

Object Name	ipAddressPrefixAutonomousFlag
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.7

### *ipAddressPrefixAdvPreferredLifetime*

**TABLE 944** ipAddressPrefixAdvPreferredLifetime

Object Name	ipAddressPrefixAdvPreferredLifetime
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.8

### *ipAddressPrefixAdvValidLifetime*

**TABLE 945** ipAddressPrefixAdvValidLifetime

Object Name	ipAddressPrefixAdvValidLifetime
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.9

## **ipAddressTable**

Following are the objects related to IP-MIB::ipAddressTable:

- [ipAddressIfIndex](#) on page 343
- [ipAddressType](#) on page 343
- [ipAddressPrefix](#) on page 343
- [ipAddressOrigin](#) on page 343
- [ipAddressStatus](#) on page 343

- [ipAddressCreated](#) on page 344
- [ipAddressLastChanged](#) on page 344
- [ipAddressRowStatus](#) on page 344
- [ipAddressStorageType](#) on page 344

### *ipAddressIndex*

**TABLE 946** ipAddressIndex

Object Name	ipAddressIndex
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.3

### *ipAddressType*

**TABLE 947** ipAddressType

Object Name	ipAddressType
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.4

### *ipAddressPrefix*

**TABLE 948** ipAddressPrefix

Object Name	ipAddressPrefix
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.5

### *ipAddressOrigin*

**TABLE 949** ipAddressOrigin

Object Name	ipAddressOrigin
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.6

### *ipAddressStatus*

**TABLE 950** ipAddressStatus

Object Name	ipAddressStatus
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.7

### *ipAddressCreated*

**TABLE 951** ipAddressCreated

Object Name	ipAddressCreated
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.8

### *ipAddressLastChanged*

**TABLE 952** ipAddressLastChanged

Object Name	ipAddressLastChanged
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.9

### *ipAddressRowStatus*

**TABLE 953** ipAddressRowStatus

Object Name	ipAddressRowStatus
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.10

### *ipAddressStorageType*

**TABLE 954** ipAddressStorageType

Object Name	ipAddressStorageType
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.11

## **ipNetToPhysicalTable**

Following are the objects related to IP-MIB::ipNetToPhysicalTable:

- [ipNetToPhysicalPhysAddress](#) on page 344
- [ipNetToPhysicalLastUpdated](#) on page 345
- [ipNetToPhysicalRowStatus](#) on page 345
- [ipNetToPhysicalState](#) on page 345
- [ipNetToPhysicalType](#) on page 345

### *ipNetToPhysicalPhysAddress*

**TABLE 955** ipNetToPhysicalPhysAddress

Object Name	ipNetToPhysicalPhysAddress
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.4



## *ipNetToPhysicalLastUpdated*

**TABLE 956** ipNetToPhysicalLastUpdated

Object Name	ipNetToPhysicalLastUpdated
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.5

## *ipNetToPhysicalRowStatus*

**TABLE 957** ipNetToPhysicalRowStatus

Object Name	ipNetToPhysicalRowStatus
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.6

## *ipNetToPhysicalState*

**TABLE 958** ipNetToPhysicalState

Object Name	ipNetToPhysicalState
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.7

## *ipNetToPhysicalType*

**TABLE 959** ipNetToPhysicalType

Object Name	ipNetToPhysicalType
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.8

## *ipv6ScopeZoneIndexTable*

Following are the objects related to IP-MIB::ipv6ScopeZoneIndexTable:

- [ipv6ScopeZoneIndexLinkLocal](#) on page 346
- [ipv6ScopeZoneIndex3](#) on page 346
- [ipv6ScopeZoneIndexAdminLocal](#) on page 346
- [ipv6ScopeZoneIndexSiteLocal](#) on page 346
- [ipv6ScopeZoneIndex6](#) on page 346
- [ipv6ScopeZoneIndex7](#) on page 346
- [ipv6ScopeZoneIndexOrganizationLocal](#) on page 347
- [ipv6ScopeZoneIndex9](#) on page 347
- [ipv6ScopeZoneIndexA](#) on page 347
- [ipv6ScopeZoneIndexB](#) on page 347
- [ipv6ScopeZoneIndexC](#) on page 347
- [ipv6ScopeZoneIndexD](#) on page 347

### *ipv6ScopeZoneIndexLinkLocal*

**TABLE 960** ipv6ScopeZoneIndexLinkLocal

Object Name	ipv6ScopeZoneIndexLinkLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.2

### *ipv6ScopeZoneIndex3*

**TABLE 961** ipv6ScopeZoneIndex3

Object Name	ipv6ScopeZoneIndex3
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.3

### *ipv6ScopeZoneIndexAdminLocal*

**TABLE 962** ipv6ScopeZoneIndexAdminLocal

Object Name	ipv6ScopeZoneIndexAdminLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.4

### *ipv6ScopeZoneIndexSiteLocal*

**TABLE 963** ipv6ScopeZoneIndexSiteLocal

Object Name	ipv6ScopeZoneIndexSiteLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.5

### *ipv6ScopeZoneIndex6*

**TABLE 964** ipv6ScopeZoneIndex6

Object Name	ipv6ScopeZoneIndex6
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.6

### *ipv6ScopeZoneIndex7*

**TABLE 965** ipv6ScopeZoneIndex7

Object Name	ipv6ScopeZoneIndex7
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.7

### *ipv6ScopeZoneIndexOrganizationLocal*

**TABLE 966** ipv6ScopeZoneIndexOrganizationLocal

Object Name	ipv6ScopeZoneIndexOrganizationLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.8

### *ipv6ScopeZoneIndex9*

**TABLE 967** ipv6ScopeZoneIndex9

Object Name	ipv6ScopeZoneIndex9
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.9

### *ipv6ScopeZoneIndexA*

**TABLE 968** ipv6ScopeZoneIndexA

Object Name	ipv6ScopeZoneIndexA
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.10

### *ipv6ScopeZoneIndexB*

**TABLE 969** ipv6ScopeZoneIndexB

Object Name	ipv6ScopeZoneIndexB
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.11

### *ipv6ScopeZoneIndexC*

**TABLE 970** ipv6ScopeZoneIndexC

Object Name	ipv6ScopeZoneIndexC
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.12

### *ipv6ScopeZoneIndexD*

**TABLE 971** ipv6ScopeZoneIndexD

Object Name	ipv6ScopeZoneIndexD
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.13

## icmpStatsTable

Following are the objects related to IP-MIB::icmpStatsTable:

- [icmpStatsInMsgs](#) on page 348
- [icmpStatsInErrors](#) on page 348
- [icmpStatsOutMsgs](#) on page 348
- [icmpStatsOutErrors](#) on page 348

### *icmpStatsInMsgs*

**TABLE 972** icmpStatsInMsgs

Object Name	icmpStatsInMsgs
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.2

### *icmpStatsInErrors*

**TABLE 973** icmpStatsInErrors

Object Name	icmpStatsInErrors
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.3

### *icmpStatsOutMsgs*

**TABLE 974** icmpStatsOutMsgs

Object Name	icmpStatsOutMsgs
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.4

### *icmpStatsOutErrors*

**TABLE 975** icmpStatsOutErrors

Object Name	icmpStatsOutErrors
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.5

## icmpMsgStatsTable

Following are the objects related to IP-MIB::icmpMsgStatsTable:

- [icmpMsgStatsInPkts](#) on page 349
- [icmpMsgStatsOutPkts](#) on page 349

### *icmpMsgStatsInPkts*

**TABLE 976** icmpMsgStatsInPkts

Object Name	icmpMsgStatsInPkts
Parent Node	icmpMsgStatsTable
Object Identifier	.1.3.6.1.2.1.5.30.1.3

### *icmpMsgStatsOutPkts*

**TABLE 977** icmpMsgStatsOutPkts

Object Name	icmpMsgStatsOutPkts
Parent Node	icmpMsgStatsTable
Object Identifier	.1.3.6.1.2.1.5.30.1.4

## TCP-MIB

### *tcpListenerTable*

Object(s) related to TCP-MIB::tcpListenerTable:

- [tcpListenerProcess](#) on page 349

### *tcpListenerProcess*

**TABLE 978** tcpListenerProcess

Object Name	tcpListenerProcess
Parent Node	tcpListenerTable
Object Identifier	.1.3.6.1.2.1.6.20.1.4

### *tcpConnectionTable*

Following are the objects related to TCP-MIB::tcpConnectionTable:

- [tcpConnectionState](#) on page 349
- [tcpConnectionProcess](#) on page 350

### *tcpConnectionState*

**TABLE 979** tcpConnectionState

Object Name	tcpConnectionState
Parent Node	tcpConnectionTable
Object Identifier	.1.3.6.1.2.1.6.19.1.7

### *tcpConnectionProcess*

**TABLE 980** tcpConnectionProcess

Object Name	tcpConnectionProcess
Parent Node	tcpConnectionTable
Object Identifier	.1.3.6.1.2.1.6.19.1.8

## UDP-MIB

### *udpEndpointTable*

Object(s) related to UDP-MIB::udpEndpointTable:

- [udpEndpointProcess](#) on page 350

### *udpEndpointProcess*

**TABLE 981** udpEndpointProcess

Object Name	udpEndpointProcess
Parent Node	udpEndpointTable
Object Identifier	.1.3.6.1.2.1.7.7.1.8

## IPV6-MIB

Following are the objects related to IPV6-MIB:

- [ipv6Forwarding](#) on page 350
- [ipv6DefaultHopLimit](#) on page 350
- [ipv6Interfaces](#) on page 351

### *ipv6Forwarding*

**TABLE 982** ipv6Forwarding

Object Name	ipv6Forwarding
Object Identifier	.1.3.6.1.2.1.55.1.1

### *ipv6DefaultHopLimit*

**TABLE 983** ipv6DefaultHopLimit

Object Name	ipv6DefaultHopLimit
Object Identifier	.1.3.6.1.2.1.55.1.2

## ipv6Interfaces

**TABLE 984** ipv6Interfaces

Object Name	ipv6Interfaces
Object Identifier	.1.3.6.1.2.1.55.1.3

## ipv6IfTable

Following are the objects related to IPV6-MIB::ipv6IfTable:

- [ipv6IfDescr](#) on page 351
- [ipv6IfLowerLayer](#) on page 351
- [ipv6IfPhysicalAddress](#) on page 351
- [ipv6IfPhysicalAddress](#) on page 351
- [ipv6IfAdminStatus](#) on page 352
- [ipv6IfOperStatus](#) on page 352

## ipv6IfDescr

**TABLE 985** ipv6IfDescr

Object Name	ipv6IfDescr
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.2

## ipv6IfLowerLayer

**TABLE 986** ipv6IfLowerLayer

Object Name	ipv6IfLowerLayer
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.3

## ipv6IfPhysicalAddress

**TABLE 987** ipv6IfPhysicalAddress

Object Name	ipv6IfPhysicalAddress
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.4

## ipv6IfPhysicalAddress

**TABLE 988** ipv6IfPhysicalAddress

Object Name	ipv6IfPhysicalAddress
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.8

### *ipv6IfAdminStatus*

**TABLE 989** ipv6IfAdminStatus

Object Name	ipv6IfAdminStatus
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.9

### *ipv6IfOperStatus*

**TABLE 990** ipv6IfOperStatus

Object Name	ipv6IfOperStatus
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.10



# SmartZone Event Traps

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## ruckusSCGSystemMiscEventTrap

- Object Name - [ruckusSCGSystemMiscEventTrap](#) on page 53
- Object Identifier - 1.3.6.1.4.1.25053.2.10.1.1

Event	Event	Event
0:Unknown	508:dpIPChanged	509:dpChangeControlBlade
520:dpProcessRestart	530:dpDiscoverySuccess	532:dpStatusManaged
538:dpLicenseInsufficient	616:dpSgreKeepAliveTimeout	618:dpDhcpRelayNoResp
619:dpDhcpRelayFailOver	620:dpSgreNewTunnel	621:dpSgreDelTunnel
622:dpSgreKeepAliveRecovery	623:dpDhcpRelayRespRecovery	626:dpSgreGWFailOver
725:scgLBSStartLocationService	727:scgLBSsentControllerInfo	728:scgLBSRcvdMgmtRequest
729:scgLBSsendAPIInfobyVenueReport	730:scgLBSsendVenuesReport	731:scgLBSsendClientInfo
732:scgLBSFwdPassiveCalReq	733:scgLBSFwdPassiveFFReq	734:scgLBSRcvdUnrecognizedRequest
801:clusterCreatedSuccess	818:clusterBackupStart	819:clusterUpgradeStart
823:nodeIPChanged	827:ntpTimeSynched	830:clusterUploadStart
834:removeNodeStarted	837:resyncNTPTIME	838:diskUsageExceed
844:clusterInitiatedMovingAp	848:clusterUploadAPFirmwareStart	849:clusterUploadAPFirmwareSuccess
850:clusterUploadAPFirmwareFailed	851:clusterAddAPFirmwareStart	852:clusterAddAPFirmwareSuccess
853:clusterAddAPFirmwareFailed	854:clusterNameChanged	970:ftpTransfer
980:fileUpload	981:mailSendSuccess	982:mailSendFailed
983:smsSendSuccess	984:smsSendFailed	1007:cfgUpdSuccess
1012:incorrectFlatFileCfg	1014:hipStarted	1015:hipStopped
1017:standbyHipRestart	1018:hipCacheCleanup	1209:c2dCfgFailed
1212:echoRspNotRcvd	1216:pdpcxtEstablished	1217:crtPdpFailed
1218:initPdpUpdSuccHlr	1219:initPdpUpdFailureHlr	1220:initPdpUpdSuccRoam
1221:initPdpUpdFailureRoam	1222:rcvPdpUpdSuccGgsn	1223:rcvPdpUpdFailureGgsn
1224:initPdpDelSucc	1225:initPdpDelFailure	1226:rcvPdpDelSucc
1227:rcvPdpDelFailure	1229:ipAssigned	1230:ipNotAssigned
1232:accSessStarted	1233:accSessStartFailed	1234:accSessDisabled
1235:sessTimeout	1237:delAllSess	1238:dhcpInfmRcvd
1239:dhcpDclnRcvd	1240:sessionWarningThreshold	1241:sessionMajorThreshold
1244:pdpUpdSuccCOA	1245:pdpUpdFailCOA	1246:accSessStopSucc
1247:accSessStopFail	1248:accSessInterimFail	1254:licenseImported
1255:licenseGoingToExpire	1256:apConnectionTerminatedDueToInsufficientLicense	1300:rateLimitThresholdSurpassed

Event	Event	Event
1301:rateLimitThresholdRestored	1401:dialNitalizeErr	1402:dialInitialization
1403:diaPeerTransportFailure	1404:diaCERError	1405:diaCERSuccess
1404:diaCERError	1405:diaCERSuccess	1408:diaPeerAddSuccess
1409:diaPeerRemoveSuccess	1410:diaRealmEntryErr	1411:diaFailOverToAltPeer
1412:diaFailbackToPeer	1414:diaCEAUnknownPeer	1415:diaNoCommonApp
1550:staSuccessfulAuthentication	1551:staAuthFailedTransDown	1552:staAuthFailedFailureResp
1553:staAuthFailedDecodeFailure	1554:staSessionTermSCGInitSuccess	1555:staSessionTermAAAInitSuccess
1556:staSessionTermAAAInitFail	1557:staReAuthSuccess	1558:staReAuthFailed
1559:staResponseTimerExpired	1560:retransmitExhausted	1604:authSuccess
1605:authFailed	1606:pseudonymAuthSuccess	1607:pseudonymAuthFailed
1608:fastReauthSuccess	1609:fastReauthFailed	1612:cgfKeepAliveNotResponded
1613:cdrTxfrSuccessful	1630:sendAuthInfoSuccess	1631:sendAuthInfoFailed
1632:updateGprsLocSuccess	1633:updateGprsLocFailed	1634:insertSubDataSuccess
1635:insertSubDataFailed	1639:restoreDataSuccess	1640:restoreDataFailed
1641:dmRcvdAAA	1642:dmNackSntAAA	1643:dmSntNAS
1644:dmNackRcvdNAS	1645:coaRcvdAAA	1646:coaNackSntAAA
1647:coaSentNas	1648:coaNakRcvdNas	1649:coaAuthorizeOnlyAccessReject
1650:coaRWSGMWSGNotifFailure	1651:authFailedOverToSecondary	1652:authFallbackToPrimary
1653:accFailedOverToSecondary	1654:accFallbackToPrimary	1655:unavailableLocInfoRequested
1656:incapableLocInfoRequested	1657:unSupportedLocDeliveryRequest	1751:racADLDAPSuccess
1752:racADLDAPFail	1753:racADLDAPBindFail	1754:racLDAPFailToFindPassword
1755:racADNPSFail	1756:racADNPSFailToAuthenticate	1801:3rdPartyAPConnected
1908:apAcctRetransmittedMsgDropped	2001:zdAPMigrating	2002:zdAPMigrated
2003:zdAPRejected	2004:zdAPMigrationFailed	2501:nodeIPv6Added
2502:nodeIPv6Deleted	3001:cassandraError	5007:ImaHbUnreachable
5011:bindingExpired	5012:bindingRevoked	5013:bindingReleased
7001:tooManyUsers	7002:tooManyDevices	

## ruckusSCGAPMiscEventTrap

- Object Name - [ruckusSCGAPMiscEventTrap](#) on page 57
- Object Identifier -.1.3.6.1.4.1.25053.2.10.1.20

Event	Event	Event
108:apFirmwareApplying	109:apConfApplying	116:apIllegalToChangeCountryCode
180:genericRogueAPDetected	304:apIPChanged	306:apChannelChanged
307:apCountryCodeChanged	308:apDfsRadarEvent	311:apChangeControlBlade
315:apTaggedAsCritical	317:apBrownout	319:smartMonitorTurnOffWLAN
320:apCLBlimitReached	321:apCLBlimitRecovered	322:apWLANStateChanged
323:apCapacityReached	324:apCapacityRecovered	405:emapDlinkConnectWithMap
406:emapDlinkDisconnectWithMap	407:emapUlinkConnectWithMap	408:emapUlinkDisconnectWithMap
411:mapDisconnected	412:mapDlinkConnected	413:mapDlinkConnectWithMap

Event	Event	Event
414:mapDlinkDisconnectWithMap	416:rmapDlinkConnectWithMap	417:mapUlinkConnectToMap
418:mapUlinkDisconnectToMap	419:mapUlinkConnectToRap	420:mapUlinkConnectToMap
421:meshStateUpdateToMap	422:meshStateUpdateToMapNoChannel	423:meshStateUpdateToRap
424:meshStateUpdateToRapNoChannel	425:mapDlinkConnectWithMap	426:mapDlinkDisconnectWithMap
427:rapDlinkDisconnectWithMap	705:apLBSStartLocationService	706:apLBSStopLocationService
707:apLBSRcvdPassiveCalReq	708:apLBSRcvdPassiveFFReq	709:apLBSRcvdUnrecognizedRequest
1021:zoneCfgPrepareFailed	1022: apCfgGenFailed	1023:cfgGenSkippedDueToEolAp

## ruckusSCGClientMiscEventTrap

- Object Name - [ruckusSCGClientMiscEventTrap](#) on page 98
- Object Identifier - 1.3.6.1.4.1.25053.2.10.1.100

Event	Event	Event
201:clientAuthFailure	202:clientJoin	203:clientJoinFailure
204:clientDisconnect	205:clientInactivityTimeout	206:clientAuthorization
207:clientAuthorizationFailure	208:clientSessionExpiration	209:clientRoaming
210:clientSessionLogout	211:3rdPtyClientJoin	212:3rdPtyClientInactivityTimeout
213:3rdPtyClientAuthorization	214:3rdPtyClientAuthorizationFailure	215:3rdPtyClientSessionExpiration
216:3rdPtyClientRoaming	217:3rdPtyClientSessionLogout	218:smartRoamDisconnect
219:clientBlockByDeviceType	220:clientGracePeriod	221:onboardingRegistrationSuccess
222:onboardingRegistrationFailure	223:remediationSuccess	224:remediationFailure
225:forceDHCPDisconnect	226:wdsDeviceJoin	227:wdsDeviceLeave



# Frequently Asked Questions

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## Timeout

Why does a *Timeout No Response* occur during a full SNMP MIB walk?

1. **Scenario 1** : When querying full MIBs

Following are the solutions to resolve the timeout issue.

- a. Increase the timeout value of the SNMP client tools. Always try to increase the timeout value of the SNMP MIB browser or SNMP CLI commands based on the number of APs and UEs on the controller (SmartZone).
- b. Do a snmpwalk for a specified table. Otherwise, it is likely that SNMP will focus on the standard table *tcpConnTable*, which collects all the TCP connections of the controller. The table size could be large based on the large number of APs or UEs associated to a controller .

2. **Scenario 2** : When querying AP related table for controllers with large number of APs and UEs

Following are the solutions to resolve the timeout issue.

- a. Increase the interval of the query scripts or tools to make sure there is only one SNMP client tool to query the controller at a time. Adjust the query interval of the query scripts or tools by the loading of the controller. Otherwise, SNMP daemon takes longer to complete all queries. It is recommended that you do not run multiple queries at the same time.
- b. Do not use MIB browser to monitor the APs. Most MIB browsers can only provide snmpwalk which is not an efficient for querying large volume of data and are unable to store large volumes of data.
- c. Increase the timeout value of the SNMP client tools. Always try to increase the timeout value of the SNMP MIB browser or SNMP CLI commands based on the number of APs and UEs on the controller.
- d. Get the table index by using snmpwalk and use snmpget to get multiple entries of same index at a time.

1. Step 1 - Use a script to query the index of the table using snmpwalk as seen in the below example.

```
Example:  
snmpwalk <options> <IP> <table index 1 OID>snmpwalk <options> <IP> <table index 2 OID>
```

2. Step 2 - Use a script to query multiple table entries for same index at a time using snmpget as seen in the below example.

```
Example:  
snmpget <options> <IP> <table entry 1 OID>.index1 <table entry 2 OID>.index1 ...  
<table entry N OID>.index1
```

## SNMP Reports

Why is the response time slow when querying for SNMP reports ?

If the controller is busy collecting data for other tables and if the time taken is longer than the timeout setting for SNMP reports, then the SNMP client tool displays the *Timeout No Response* error.

Following are the solutions for the response time being slow.

1. Increase the interval of the query scripts or tools to make sure there is only one SNMP client tool to query the controller at a time. Adjust the query interval of the query scripts or tools by the loading of the controller. Otherwise, SNMP daemon takes longer to complete all queries. It is recommended that you do not run multiple queries at the same time.
2. Do not use MIB browser to monitor the APs. Most MIB browsers can only provide snmpwalk which is not an efficient for querying large volume of data and are unable to store large volumes of data.
3. Increase the timeout value of the SNMP client tools. Always try to increase the timeout value of the SNMP MIB browser or SNMP CLI commands based on the number of APs and UEs on the controller.
4. Get the table index by using snmpwalk and use snmpget to get multiple entries of same index at a time.
  - a. Step 1 - Use a script to query the index of the table using snmpwalk as seen in the below example.

```
Example:  
snmpwalk <options> <IP> <table index 1 OID>snmpwalk <options> <IP> <table index 2 OID>
```

- b. Step 2 - Use a script to query multiple table entries for same index at a time using snmpget as seen in the below example.

```
Example:  
snmpget <options> <IP> <table entry 1 OID>.index1 <table entry 2 OID>.index1 ...  
<table entry N OID>.index1
```

## Difference in SNMP Data

Why is there a difference between the SNMP reports and the web interface display?

- **Scenario 1:** Memory, disk space, and CPU usages are different from the web interface display.

The following are the reasons for this difference to occur.

Standard MIBs provide Linux level resource status. It is different from *usable resource* of the system.

The web interface shows the logically resource of the system, which is different from the physical status. Currently, it does not show in the Ruckus private MIBs.

- **Scenario 2:** Statistical data is different from the web interface display.

The following are the reasons for this difference to occur.

Most of the SNMP tables use cache mechanism.

SNMP daemon retains the data between 30 to 300 seconds.

There is a delayed response time from APs or UEs in reporting their statistical data.

## Modifying SNMP HostName

Why cannot the SNMP hostname be modified through SNMPSET ?

Ruckus does not support setting the hostname through SNMP MIB. This is a read-only for all controller platforms. Use the CLI mode to modify the hostname.

## Determining the Timeout Value

How to determine the minimum timeout value for a full MIB tree?

The minimum timeout value should be long to complete the *TCP-MIB::tcpConnectionTable* and *RUCKUS-SCG-CONFIG-WLAN-MIB::ruckusSCGConfigWLANTable* which is the bottle neck. An elapsed time results in a timeout response.

To determine this value, use the SNMP daemon, which caches the data in this table. Query this table within the cached timeout to get the value.

For example, in an environment with 10,000 APs and 1,000 WLANs, the values are:

MIB Table	Minimum Timeout
RUCKUS-SCG-CONFIG-WLAN-MIB::ruckusSCGConfigWLANTable	25+ seconds
TCP-MIB::tcpConnectionTable	14+ seconds

### NOTE

The exact value should be tested in your own environments.

## Determining the Query Interval

How to determine the query interval for a full MIB tree?

The exact value depends on too many factors such as network topology, congestion, and traffic. The precise to determine the query interval is by recording the longest time and adding some buffer time to complete a full MIB walk.

## Determining the Query Interval for AP Related Tables

How to determine the query interval for AP related tables ?

Use snmpwalk to get an OID of the AP related table to determine the time to complete the snmpwalk for a single OID.

### 1. Scenario 1 : Using simple snmpwalk

If you are unable to write your own script as suggested in [Timeout](#) on page 357 the approximate time for an OID may be between the range of 1 to 4 minutes per seconds. This is based on lab environments tested in Ruckus.

The efficiency is improved in 3.6.1 as:

a: For 1,000 APs the minimum time is 54 seconds (< 1 minute) for a full table

b: For 10,000 APs the minimum time is 203 seconds (< 2 minutes) for a full table.

For example, in an environment with 10,000 APs and 1000 WLANs, the values are:

## Frequently Asked Questions

### Determining the Query Interval for AP Related Tables

MIB Table	SNMPWalk Elapsed Time	Comment
RUCKUS-SCG-WLAN-MIB::ruckusWLANTable	41 seconds	
RUCKUS-SCG-WLAN-MIB::ruckusSCGWLANTable	42 seconds	
RUCKUS-SCG-WLAN-MIB::ruckusWLANAPTable	203 seconds	
RUCKUS-SCG-WLAN-MIB::ruckusSCGAPTable	107 seconds	
RUCKUS-SCG-CONFIG-WLAN-MIB::ruckusSCGConfigWLANTable	50 seconds	Timeout should be set as 25+ seconds.

#### **NOTE**

The exact value should be tested in your own environments.





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