



RUCKUS SmartZone (LT-GA) SNMP Reference Guide (SZ100/vSZ-E), 6.1.1

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# Ruckus Back Cover

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# Contact Information, Resources, and Conventions

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## 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.ruckusnetworks.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://community.ruckuswireless.com>
- 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).

## 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.ruckusnetworks.com>.

## Online Training Resources

To access a variety of online RUCKUS training modules, including free introductory courses to wireless networking essentials, site surveys, and products, visit the RUCKUS Training Portal at <https://commscopeuniversity.myabsorb.com/>. The registration is a two-step process described in this [video](#). You create a CommScope account and then register for, and request access for, CommScope University.

## Document Conventions

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




**Table 1.** Text Conventions

Convention	Description	Example
monospace	Identifies command syntax examples	device(config)# interface ethernet 1/1/6
<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 Safety 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.
<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, member[member...].
\	Indicates a “soft” line break in command examples. If a backslash separates two lines of a command input, enter the entire command at the prompt without the backslash.

# About This Guide

---

## New In This Document

### Introduction

### Terminology

### References

## New In This Document

**Table 1.** Key Features and Enhancements in SmartZone 6.1.1 Rev B (October 2023)


Feature	Description	Reference
Minor style guide updates		Throughout the guide.

Parent topic: [About This Guide](#)

## Introduction

This *SmartZone SNMP MIB Reference Guide* describes the SNMP Management Information Bases (MIBs) that the SmartZone 100 (SZ-100) and Virtualized SmartZone-Essentials (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 b site at <https://support.ruckuswireless.com/contact-us>.

Parent topic: [About This Guide](#)

## Terminology

The following table lists the terms used in this guide.

**Table 1.** 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
HLR	Home Location Register
IPSP	IP Signaling Point
LBS	Location Based Service
MIB	Management Information Bases
NAK	Negative Acknowledgment

Term	Description
NBI	Northbound Interface
OID	Object Identifier
PDG	Packet Data Gateway
SG	Signaling Gateway
SmartZone-CBlade	SmartZone Controller Blade
SmartZone-DBlade	SmartZone Data Blade
SNMP	Simple Network Management Protocol
SZ	SmartZone 100
TCP	Transmission Control Protocol
TTG	Tunnel Termination Gateway
UE	User Equipment
UE-IP	User Equipment - IP Address
UE-MAC	User Equipment - MAC Address

Parent topic: [About This Guide](#)

## References

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

**Table 1.** 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.

Parent topic: [About This Guide](#)

# SNMP Configuration and Standard MIB and OID

---

## Overview

### Enabling and Disabling SNMP Traps

### Updating AP SNMPv2 and SNMPv3 Configuration Flow and SNMP Logs

### Standard MIB

### Decoding Traps

### Generate Traps Using CLI

### SNMP Agent for APs

### Using SNMP Walk Scripts

## Overview

This document describes the SNMP Management Information Base (MIB) that the controller supports. It also describes 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 operation. See [Updating AP SNMPv2 and SNMPv3 Configuration Flow and SNMP Logs](#).

#### 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 *Terminology* topic for terms used in this guide.

#### Note:

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

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## Enabling and Disabling SNMP Traps

To enable/disable SNMP traps, navigate to **Administration > External Service > SNMP Agent**

**Figure 1.** SNMP Notification

Northbound Data Streaming   WISPr Northbound Interface   **SNMP Agent**   FTP   SMTP   SMS

☒ **ON** Enable SNMP Notifications Globally *(If SNMP Notification is disabled globally, no Notification message is sent out.)*

### SNMPv2 Agent

**+ Create**   **Configure**   **Delete**

Community	Privilege	Notification Target
admin	Read / Write / Trap	10.174.84.238:162

### SNMPv3 Agent

**+ Create**   **Configure**   **Delete**

User	Authentication	Auth Pass Phrase	Privacy
------	----------------	------------------	---------

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.

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## Updating AP SNMPv2 and SNMPv3 Configuration Flow and SNMP Logs

Using the controller web interface, you can add or update SNMPv2 and SNMPv3 communities/users and set the operations (set/get/trap) configuration. Navigate to **Services > Others > AP SNMP Agent** to create AP SNMPv2 and v3 agents.

 **Note:**

For information on how to enable the AP SNMPv2 and v3 settings on the controller web interface, refer *Administrator Guide > Services > Working with other SmartZone Services > AP SNMP Agent*.

The controller supports a maximum of eight SNMP user profiles and eight trap destinations for AP SNMPv2 and AP SNMPv3. In the previous releases this was unlimited.

**Figure 1.** Create or enable SNMPv2

**Create SNMPv2 Agent**

\* Community:

Privilege: ☐ Read ☐ Write ☐ Notification ☒ Trap ☐ Inform

**OK** **Cancel**

**Figure 2.** Create or enable SNMPv3

**Create SNMPv3 Agent**

\* User:

\* Authentication: ☒ SHA ☐ MD5

\* Auth Pass Phrase:

\* Privacy: ☒ NONE ☐ DES ☐ AES

\* Privilege: ☐ Read ☐ Write ☐ Notification ☒ Trap

**OK** **Cancel**

## SNMP Logs





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

**Figure 3.** Application Logs

## Application Logs

**\* Select Control Plane:** KKK-SZ300-C ▼

**Application Logs & Status**


 Download Logs
  Download All Logs
  Download Snapshot Logs

Application Name	Health Status	Log Level	# of Logs
Cassandra	Online		32
Ccmd	Online	Debug	14
CcmSync	Online	Debug	6
Collectd	Online		1
Communicator	Online	Debug	54
Scheduler	Online	Debug	61
SessMgr	Online	Debug	16
SNMP	Online	Warning	1
StatsHandler	Online	Debug	115
SubscriberPortal	Online	Debug	3

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## Standard MIB

Standard MIBs that the controller supports include:

- [Host Resource MIB](#)

- [UCD MIB](#)
- [SNMPv2 MIB \(RFC3418\)](#)
- [RFC1213 MIB \(RFC1213\)](#)

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## 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.

Parent topic: [Standard MIB](#)

## 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

Parent topic: [Standard MIB](#)

## 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).

Parent topic: [Standard MIB](#)

## 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](#)
- [Ruckus System MIB](#)
- [Ruckus WLAN MIB](#)
- [Ruckus AP MIB](#)

Parent topic: [Standard MIB](#)

## 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 *Ruckus Event Object* topic.

**Parent topic:** [SNMP Configuration and Standard MIB and OID](#)

## 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 1.** 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

```

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## SNMP Agent for APs

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

Parent topic: [SNMP Configuration and Standard MIB and OID](#)

## 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

Parent topic: [SNMP Agent for APs](#)

## Enable SNMP Agent

[Option 1 - User Interface](#)

[Option 2 - CLI Console](#)

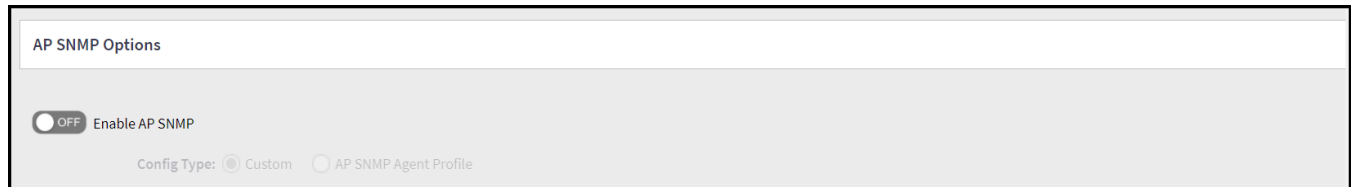
Parent topic: [SNMP Agent for APs](#)

## Option 1 - User Interface

To enable SNMP options for Zone APs through controller interface, perform the following steps:

1. Click **Network** tab, under wireless select **Access Points**.
2. Click **+**. This displays **Create Domain** page.
3. In the **Create Domain**, select **Type** as **Zone**. This displays **Create Zone** page.
4. Scroll down to **AP SNMP Options** menu. By default, the **Enable AP SNMP** radio button is disabled.
5. Click **Enable AP SNMP** radio button to enable **AP SNMP Options**. This displays **Config Type** options **CustomAP SNMP Agent Profile**.

**Figure 1.** Enabling AP SNMP Options for Zone AP



## Config Type - Custom

After enabling the AP SNMP radio button, **Config Type** option is highlighted and by default **Custom** type is selected. In the **Custom** config type, user can create/configure/delete **SNMPv2 Agent** and **SNMPv3 Agent**.

### SNMPv2 Agent

1. To create **SNMPv2 Agent**, click **Create** in **SNMPv2 Agent** section. This displays **Create SNMPv2 Agent** page. In the create SNMPv2 Agent page, enter **Community** name and choose the **Privilege** type by selecting the check box options -
  - Read-Only
  - Read-Write
  - Notification - Enter the Target IP and Target Port details and click Add. Select if the notification is a **Trap** or **Inform**.
2. Click **OK**. The new SNMPv2 agent details is displayed in the **SNMPv2 Agent** section.

### SNMPv3 Agent

1. To Create **SNMPv3 Agent**, click **Create** in **SNMPv3 Agent** section. This displays **Create SNMPv3 Agent** page. This displays **Create SNMPv3 Agent** page. In the **Create SNMPv3 Agent** page, enter name, select

**Authentication** options SHA or MD5, enter **Auth Pass Phrase**, select **Privacy** options None, DES or AES and choose the **Privilege** type by selecting the check box options -

- Read-Only
- Read-Write
- Notification - Enter the Target IP and Target Port details and click Add. Select if the notification is a **Trap** or **Inform**.

2. Click **OK**. The new SNMPv3 agent details is displayed in the **SNMPv3 Agent** section.

**Figure 2.** Enable AP SNMP Options - Custom

**Create Zone**

☒ Enable AP SNMP

Config Type: ☒ Custom ☐ AP SNMP Agent Profile

SNMPv2 Agent		
Community	Privilege	Notification Target
Testing	INFORM	10.10.172.165:162

SNMPv3 Agent						
User	Authentication	Auth Pass Phrase	Privacy	Privacy Phrase	Privilege	Notification Target
testing	SHA	testing for SNMPv3	NONE	N/A	Trap	10.184.74.22:162

**OK** **Cancel**

## Config Type - AP SNMP Agent Profile

After enabling the AP SNMP radio button, **Config Type** option is highlighted. Select config type **AP SNMP Agent Profile**. This displays **AP SNMP Agent Profile** Add (+) and Edit button.

1. To create **AP SNMP Agent Profile**, click Add (+). This displays **Create AP SNMP Agent Profile**.
2. **General Options** - Enter the Name and Description for **AP SNMP Agent Profile**.
3. **SNMP Agent Options** - User can create/configure/delete **SNMPv2 Agent** and **SNMPv3 Agent** as described in the **Config Type - Custom** section.

**Figure 3.** Enable AP SNMP Agent Profile

## Create AP SNMP Agent Profile

General Options

Name:

Description:

SNMP Agent Options

SNMPv2 Agent

+ Create

Configure

Delete

Community	Privilege	Notification Target

SNMPv3 Agent

+ Create

Configure

Delete

User	Authentication	Auth Pass Phrase	Privacy	Privacy Phrase	Privilege	Notification

OK

Cancel

Parent topic: [Enable SNMP Agent](#)

## 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 1.** Enabling SNMP options using CLI

```

NMS32(config)# zone NMS_Zone1_P0E
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)# █

```

Parent topic: [Enable SNMP Agent](#)

## 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.

Parent topic: [SNMP Agent for APs](#)

### 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 1.** Setting the Override option for a particular AP

**Edit AP**

AP Configuration | Swap Configuration

General Options ▶

Radio Options ▶

**AP SNMP Options ▼**

ON: ☒ Override zone configuration

OFF: ☐ Enable AP SNMP

SNMPv2 Agent

+ Create | Configure | Delete

Community	Privilege	Notification Target

SNMPv3 Agent

OK Cancel

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 2.** Setting the Override option for a AP Group

**Configure Group**

Name:  Description:

Type: ☐ Zone ☒ AP Group

Parent Group:

**Configuration**

AP SNMP Options

ON ☒ Override zone configuration

ON ☒ Enable AP SNMP

SNMPv2 Agent

+ Create Configure Delete

Community	Privilege	Notification Target
admin	Read / Write	

SNMPv3 Agent

OK Cancel

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 3.** Setting the Override option for Zone in an AP

Parent topic: [Enable Override Settings](#)

## 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 1.** 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 2.** 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.

Parent topic: [Enable Override Settings](#)

## 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 1.** 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:

```

Parent topic: [SNMP Agent for APs](#)

## 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 1.** Disable AP SNMP for all APs

**Edit AP**

**AP Configuration** | Swap Configuration

General Options ▶

Radio Options ▶

AP SNMP Options ▼

☒ ON Override zone configuration

☐ OFF **Enable AP SNMP**

SNMPv2 Agent

+ Create | Configure | Delete

Community	Privilege	Notification Target

SNMPv3 Agent

OK Cancel

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 2.** Disable AP SNMP for APs in a AP Zone

**Edit AP:**

**AP Configuration** | Swap Configuration

General Options ▶

Radio Options ▶

AP SNMP Options ▼

☒ ON Override zone configuration

☐ OFF Enable AP SNMP

SNMPv2 Agent

+ Create | Configure | Delete

Community	Privilege	Notification Target

SNMPv3 Agent

OK Cancel

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 3.** 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) and a 'Parent Group' dropdown (System). The 'Configuration' tab is selected, showing 'AP SNMP Options' with a toggle switch set to 'OFF' (labeled 'Enable AP SNMP'). Below this are sections for 'SNMPv2 Agent' and 'SNMPv3 Agent', each with 'Create', 'Configure', and 'Delete' buttons. At the bottom right are 'OK' and 'Cancel' buttons.

Community	Privilege	Notification Target

User	Authentication	Auth Pass Phrase	Privacy	Privacy Phrase	Privilege	Notification Target

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 4.** Disable AP SNMP for AP Zone in a AP Zone Template

**Edit Zone Template:**

General Options

Radio Options

AP GRE Tunnel Options

Syslog Options

AP SNMP Options

☐ OFF Enable AP SNMP

SNMPv2 Agent

+ Create

Configure

Delete

Community	Privilege	Notification Target
-----------	-----------	---------------------

SNMPv3 Agent

+ Create

Configure

Delete

User	Authentication	Auth Pass Phrase	Privacy	Privacy Phrase	Privilege	Notification T
------	----------------	------------------	---------	----------------	-----------	----------------

OK

Cancel

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 5.** Disable AP SNMP for AP Zone in a AP Zone Template in AP Group

## Configure Group

Name:  Description:

Type: ☐ Domain ☒ Zone ☐ AP Group

Parent Group:

---

**Configuration**

AP SNMP Options

☒ OFF Enable AP SNMP

SNMPv2 Agent

[+ Create](#) [Configure](#) [Delete](#)

Community	Privilege	Notification Target

SNMPv3 Agent

[+ Create](#) [Configure](#) [Delete](#)

User	Authentication	Auth Pass Phrase	Privacy	Privacy Phrase	Privilege	Notification Target

**OK** **Cancel**

Parent topic: [SNMP Agent for APs](#)

## 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>

**Parent topic:** [SNMP Configuration and Standard MIB and OID](#)

# Ruckus Event MIB


## Introduction

### Ruckus Event Trap

### Ruckus Event Object

## Introduction

The objects contained in the RUCKUS-SZ-EVENT-MIB group provide information about the controller supported traps.

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

Parent topic: [Ruckus Event MIB](#)

## Ruckus Event Trap

The following table lists the MIB, OID, and description of each object in the RUCKUS-SZ group.

Trap Name	Object Identifier
<a href="#">ruckusSZUpgradeSuccessTrap</a>	.1.3.6.1.4.1.25053.2.10.1.2
<a href="#">ruckusSZUpgradeFailedTrap</a>	.1.3.6.1.4.1.25053.2.10.1.3
<a href="#">ruckusSZNodeRestartedTrap</a>	.1.3.6.1.4.1.25053.2.10.1.4
<a href="#">ruckusSZNodeShutdownTrap</a>	.1.3.6.1.4.1.25053.2.10.1.5
<a href="#">ruckusSZCPUUsageThresholdExceededTrap</a>	.1.3.6.1.4.1.25053.2.10.1.6
<a href="#">ruckusSZMemoryUsageThresholdExceededTrap</a>	.1.3.6.1.4.1.25053.2.10.1.7
<a href="#">ruckusSZDiskUsageThresholdExceededTrap</a>	.1.3.6.1.4.1.25053.2.10.1.8

Trap Name	Object Identifier
ruckusSZLicenseUsageThresholdExceededTrap	.1.3.6.1.4.1.25053.2.10.1.19
ruckusSZAPMiscEventTrap	.1.3.6.1.4.1.25053.2.10.1.20
ruckusSZAPConnectedTrap	.1.3.6.1.4.1.25053.2.10.1.21
ruckusSZAPDeletedTrap	.1.3.6.1.4.1.25053.2.10.1.22
ruckusSZAPDisconnectedTrap	.1.3.6.1.4.1.25053.2.10.1.23
ruckusSZAPLostHeartbeatTrap	.1.3.6.1.4.1.25053.2.10.1.24
ruckusSZAPRebootTrap	.1.3.6.1.4.1.25053.2.10.1.25
ruckusSZCriticalAPConnectedTrap	.1.3.6.1.4.1.25053.2.10.1.26
ruckusSZCriticalAPDisconnectedTrap	.1.3.6.1.4.1.25053.2.10.1.27
ruckusSZAPRejectedTrap	.1.3.6.1.4.1.25053.2.10.1.28
ruckusSZAPConfUpdateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.29
ruckusSZAPConfUpdatedTrap	.1.3.6.1.4.1.25053.2.10.1.30
ruckusSZAPSwapOutModelDiffTrap	.1.3.6.1.4.1.25053.2.10.1.31
ruckusSZAPPreProvisionModelDiffTrap	.1.3.6.1.4.1.25053.2.10.1.32
ruckusSZAPFirmwareUpdateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.34
ruckusSZAPFirmwareUpdatedTrap	.1.3.6.1.4.1.25053.2.10.1.35
ruckusSZAPWlanOversubscribedTrap	.1.3.6.1.4.1.25053.2.10.1.36
ruckusSZAPFactoryResetTrap	.1.3.6.1.4.1.25053.2.10.1.37

Trap Name	Object Identifier
ruckusSZCableModemDownTrap	.1.3.6.1.4.1.25053.2.10.1.38
ruckusSZCableModemRebootTrap	.1.3.6.1.4.1.25053.2.10.1.39
ruckusSZAPManagedTrap	.1.3.6.1.4.1.25053.2.10.1.41
ruckusSZCPUUsageThresholdBackToNormalTrap	.1.3.6.1.4.1.25053.2.10.1.42
ruckusSZMemoryUsageThresholdBackToNormalTrap	.1.3.6.1.4.1.25053.2.10.1.43
ruckusSZDiskUsageThresholdBackToNormalTrap	.1.3.6.1.4.1.25053.2.10.1.44
ruckusSZCableModemUpTrap	.1.3.6.1.4.1.25053.2.10.1.45
ruckusSZAPDiscoverySuccessTrap	.1.3.6.1.4.1.25053.2.10.1.46
ruckusSZCMResetByUserTrap	.1.3.6.1.4.1.25053.2.10.1.47
ruckusSZCMResetFactoryByUserTrap	.1.3.6.1.4.1.25053.2.10.1.48
ruckusSZMaliciousRogueAPTimeoutTrap	.1.3.6.1.4.1.25053.2.10.1.54
ruckusSZAPLBSConnectSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.55
ruckusSZAPLBSNoResponsesTrap	.1.3.6.1.4.1.25053.2.10.1.56
ruckusSZAPLBSAuthFailedTrap	.1.3.6.1.4.1.25053.2.10.1.57
ruckusSZAPLBSConnectFailedTrap	.1.3.6.1.4.1.25053.2.10.1.58
ruckusSZAPTunnelBuildFailedTrap	.1.3.6.1.4.1.25053.2.10.1.60
ruckusSZAPTunnelBuildSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.61
ruckusSZAPTunnelDisconnectedTrap	.1.3.6.1.4.1.25053.2.10.1.62

Trap Name	Object Identifier
ruckusSZAPSoftGRE TunnelFailoverPtoSTrap	.1.3.6.1.4.1.25053.2.10.1.65
ruckusSZAPSoftGRE TunnelFailoverStoPTrap	.1.3.6.1.4.1.25053.2.10.1.66
ruckusSZAPSoftGRE GatewayNotReachableTrap	.1.3.6.1.4.1.25053.2.10.1.67
ruckusSZAPSoftGRE GatewayReachableTrap	.1.3.6.1.4.1.25053.2.10.1.68
ruckusSZDPConfUpdateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.70
ruckusSZDPLostHeartbeatTrap	.1.3.6.1.4.1.25053.2.10.1.71
ruckusSZDPDisconnectedTrap	.1.3.6.1.4.1.25053.2.10.1.72
ruckusSZDPPhyInterfaceDownTrap	.1.3.6.1.4.1.25053.2.10.1.73
ruckusSZDPStatusUpdateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.74
ruckusSZDPStatisticUpdateFaliedTrap	.1.3.6.1.4.1.25053.2.10.1.75
ruckusSZDPConnectedTrap	.1.3.6.1.4.1.25053.2.10.1.76
ruckusSZDPPhyInterfaceUpTrap	.1.3.6.1.4.1.25053.2.10.1.77
ruckusSZDPConfUpdatedTrap	.1.3.6.1.4.1.25053.2.10.1.78
ruckusSZDPTunnelTearDownTrap	.1.3.6.1.4.1.25053.2.10.1.79
ruckusSZDPAcceptTunnelRequestTrap	.1.3.6.1.4.1.25053.2.10.1.81
ruckusSZDPRejectTunnelRequestTrap	.1.3.6.1.4.1.25053.2.10.1.82
ruckusSZDPTunnelSetUpTrap	.1.3.6.1.4.1.25053.2.10.1.85
ruckusSZDPDiscoverySuccessTrap	.1.3.6.1.4.1.25053.2.10.1.86

Trap Name	Object Identifier
ruckusSZDPDiscoveryFailTrap	.1.3.6.1.4.1.25053.2.10.1.87
ruckusSZDPPktPoolLowTrap	1.3.6.1.4.1.25053.2.11.1.90
ruckusSZDPPktPoolCriticalLowTrap	1.3.6.1.4.1.25053.2.11.1.91
ruckusSZDPPktPoolRecoverTrap	1.3.6.1.4.1.25053.2.11.1.92
ruckusSZDPCoreDeadTrap	1.3.6.1.4.1.25053.2.11.1.93
ruckusSZDPDeletedTrap	.1.3.6.1.4.1.25053.2.10.1.94
ruckusSZDPUgradeStartTrap	.1.3.6.1.4.1.25053.2.10.1.95
ruckusSZDPUgradingTrap	.1.3.6.1.4.1.25053.2.10.1.96
ruckusSZDPUgradeSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.97
ruckusSZDPUgradeFailedTrap	.1.3.6.1.4.1.25053.2.10.1.98
ruckusSZClientMiscEventTrap	.1.3.6.1.4.1.25053.2.10.1.100
ruckusSZNodeJoinFailedTrap	.1.3.6.1.4.1.25053.2.10.1.200
ruckusSZNodeRemoveFailedTrap	.1.3.6.1.4.1.25053.2.10.1.201
ruckusSZNodeOutOfServiceTrap	.1.3.6.1.4.1.25053.2.10.1.202
ruckusSZClusterInMaintenanceStateTrap	.1.3.6.1.4.1.25053.2.10.1.203
ruckusSZClusterBackupFailedTrap	.1.3.6.1.4.1.25053.2.10.1.204
ruckusSZClusterRestoreFailedTrap	.1.3.6.1.4.1.25053.2.10.1.205
ruckusSZClusterAppStoppedTrap	.1.3.6.1.4.1.25053.2.10.1.206


Trap Name	Object Identifier
ruckusSZNodeBondInterfaceDownTrap	.1.3.6.1.4.1.25053.2.10.1.207
ruckusSZNodePhyInterfaceDownTrap	.1.3.6.1.4.1.25053.2.10.1.208
ruckusSZClusterLeaderChangedTrap	.1.3.6.1.4.1.25053.2.10.1.209
ruckusSZClusterUpgradeSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.210
ruckusSZNodeBondInterfaceUpTrap	.1.3.6.1.4.1.25053.2.10.1.211
ruckusSZNodePhyInterfaceUpTrap	.1.3.6.1.4.1.25053.2.10.1.212
ruckusSZClusterBackToInServiceTrap	.1.3.6.1.4.1.25053.2.10.1.216
ruckusSZBackupClusterSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.217
ruckusSZNodeJoinSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.218
ruckusSZClusterAppStartTrap	.1.3.6.1.4.1.25053.2.10.1.219
ruckusSZNodeRemoveSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.220
ruckusSZClusterRestoreSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.221
ruckusSZNodeBackToInServiceTrap	.1.3.6.1.4.1.25053.2.10.1.222
ruckusSZSshTunnelSwitchedTrap	.1.3.6.1.4.1.25053.2.10.1.223
ruckusSZClusterCfgBackupStartTrap	.1.3.6.1.4.1.25053.2.10.1.224
ruckusSZClusterCfgBackupSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.225
ruckusSZClusterCfgBackupFailedTrap	.1.3.6.1.4.1.25053.2.10.1.226
ruckusSZClusterCfgRestoreSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.227

Trap Name	Object Identifier
ruckusSZClusterCfgRestoreFailedTrap	.1.3.6.1.4.1.25053.2.10.1.228
ruckusSZClusterUploadSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.229
ruckusSZClusterUploadFailedTrap	.1.3.6.1.4.1.25053.2.10.1.230
ruckusSZClusterOutOfServiceTrap	.1.3.6.1.4.1.25053.2.10.1.231
ruckusSZClusterUploadVDPFirmwareStartTrap	.1.3.6.1.4.1.25053.2.10.1.232
ruckusSZClusterUploadVDPFirmwareSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.233
ruckusSZClusterUploadVDPFirmwareFailedTrap	.1.3.6.1.4.1.25053.2.10.1.234
ruckusSZIpmiTempBBTrap	.1.3.6.1.4.1.25053.2.10.1.251
ruckusSZIpmiTempPTrap	.1.3.6.1.4.1.25053.2.10.1.256
ruckusSZIpmiFanTrap	.1.3.6.1.4.1.25053.2.10.1.258
ruckusSZIpmiFanStatusTrap	.1.3.6.1.4.1.25053.2.10.1.261
ruckusSZIpmiRETempBBTrap	.1.3.6.1.4.1.25053.2.10.1.265
ruckusSZIpmiRETempPTrap	.1.3.6.1.4.1.25053.2.10.1.270
ruckusSZIpmiREFanTrap	.1.3.6.1.4.1.25053.2.10.1.272
ruckusSZIpmiREFanStatusTrap	.1.3.6.1.4.1.25053.2.10.1.275
ruckusSZFtpTransferErrorTrap	.1.3.6.1.4.1.25053.2.10.1.280
ruckusSZSystemLBSCconnectSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.290
ruckusSZAPLBSNoResponsesTrap	.1.3.6.1.4.1.25053.2.10.1.291

Trap Name	Object Identifier
ruckusSZSystemLBSNoResponseTrap	.1.3.6.1.4.1.25053.2.10.1.292
ruckusSZSystemLBSAuthFailedTrap	.1.3.6.1.4.1.25053.2.10.1.293
ruckusSZProcessRestartTrap	.1.3.6.1.4.1.25053.2.10.1.300
ruckusSZServiceUnavailableTrap	.1.3.6.1.4.1.25053.2.10.1.301
ruckusSZKeepAliveFailureTrap	.1.3.6.1.4.1.25053.2.10.1.302
ruckusSZResourceUnavailableTrap	.1.3.6.1.4.1.25053.2.10.1.304
ruckusSZSmfRegFailedTrap	.1.3.6.1.4.1.25053.2.10.1.305
ruckusSZHipFailoverTrap	.1.3.6.1.4.1.25053.2.10.1.306
ruckusSZAPConfUpdateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.307
ruckusSZConfRcvFailedTrap	.1.3.6.1.4.1.25053.2.10.1.308
ruckusSZLostCnxnToDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.309
ruckusSZAuthSrvrNotReachableTrap	.1.3.6.1.4.1.25053.2.10.1.314
ruckusSZAuthFailedNonPermanentIDTrap	.1.3.6.1.4.1.25053.2.10.1.317
ruckusSZAPAcctRespWhileInvalidConfigTrap	.1.3.6.1.4.1.25053.2.10.1.347
ruckusSZAPAcctMsgDropNoAcctStartMsgTrap	.1.3.6.1.4.1.25053.2.10.1.348
ruckusSZUnauthorizedCoaDmMessageDroppedTrap	.1.3.6.1.4.1.25053.2.10.1.349
ruckusSZConnectedToDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.350
ruckusSZSessUpdatedAtDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.354

Trap Name	Object Identifier
ruckusSZSessUpdateErrAtDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.355
ruckusSZSessDeletedAtDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.356
ruckusSZSessDeleteErrAtDbladeTrap	.1.3.6.1.4.1.25053.2.10.1.357
ruckusSZLicenseSyncSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.358
ruckusSZLicenseSyncFailedTrap	.1.3.6.1.4.1.25053.2.10.1.359
ruckusSZLicenseImportSuccessTrap	.1.3.6.1.4.1.25053.2.10.1.360
ruckusSZLicenseImportFailedTrap	.1.3.6.1.4.1.25053.2.10.1.361
ruckusSZSyslogServerReachableTrap	.1.3.6.1.4.1.25053.2.10.1.370
ruckusSZSyslogServerUnreachableTrap	.1.3.6.1.4.1.25053.2.10.1.371
ruckusSZSyslogServerSwitchedTrap	.1.3.6.1.4.1.25053.2.10.1.372
ruckusSZAPRadiusServerUnreachableTrap	.1.3.6.1.4.1.25053.2.10.1.401
ruckusSZAPLDAPServerReachableTrap	.1.3.6.1.4.1.25053.2.10.1.402
ruckusSZAPLDAPServerUnreachableTrap	.1.3.6.1.4.1.25053.2.10.1.403
ruckusSZAPADServerReachableTrap	.1.3.6.1.4.1.25053.2.10.1.404
ruckusSZAPUsbSoftwarePackageDownloadedTrap	.1.3.6.1.4.1.25053.2.10.1.406
ruckusSZAPUsbSoftwarePackageDownloadFailedTrap	.1.3.6.1.4.1.25053.2.10.1.407
ruckusSZEspAuthServerReachableTrap	.1.3.6.1.4.1.25053.2.10.1.408
ruckusSZEspAuthServerUnreachableTrap	.1.3.6.1.4.1.25053.2.10.1.409

Trap Name	Object Identifier
ruckusSZEspAuthServerResolvableTrap	.1.3.6.1.4.1.25053.2.10.1.410
ruckusSZEspAuthServerUnResolvableTrap	.1.3.6.1.4.1.25053.2.10.1.411
ruckusSZEspAuthServerReachableTrap	.1.3.6.1.4.1.25053.2.10.1.412
ruckusSZEspDNATServerUnreachableTrap	.1.3.6.1.4.1.25053.2.10.1.413
ruckusSZEspDNATServerResolvableTrap	.1.3.6.1.4.1.25053.2.10.1.414
ruckusSZEspDNATServerUnresolvableTrap	.1.3.6.1.4.1.25053.2.10.1.415
ruckusRateLimitTORSurpassedTrap	.1.3.6.1.4.1.25053.2.10.1.500
ruckusSZIPSecTunnelAssociatedTrap	.1.3.6.1.4.1.25053.2.10.1.600
ruckusSZIPSecTunnelDisassociatedTrap	.1.3.6.1.4.1.25053.2.10.1.601
ruckusSZIPSecTunnelAssociateFailedTrap	.1.3.6.1.4.1.25053.2.10.1.602
ruckusSZSystemMiscEventTrap	.1.3.6.1.4.1.25053.2.10.1.1

 **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.

Parent topic: [Ruckus Event MIB](#)

## ruckusSZSystemMiscEventTrap

Table 1. ruckusSZSystemMiscEventTrap

Object Name	ruckusSZSystemMiscEventTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.1

Object Name	ruckusSZSystemMiscEventTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventDescription
Description	Generic trap triggered by administrator specified miscellaneous event. The event severity, event code, event type, event description are displayed.
Generated by Event Code	Refer to <a href="#">SmartZone Event Traps - ruckusSZSystemMiscEventTrap</a>

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPPktPoolLowTrap

Table 1. ruckusSZDPPktPoolLowTrap

Object Name	ruckusSZDPPktPoolLowTrap
Object Identifier	1.3.6.1.4.1.25053.2.11.1.90
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventType ruckusSZDPKey ruckusSZDPPacketPoolID ruckusSZEventCode
Description	This event occurs when data cores packet pool is under low water mark.
Generated by Event Code	516:DPPktPoolLow

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPPktPoolCriticalLowTrap

**Table 1.** ruckusSZDPPktPoolCriticalLowTrap

Object Name	ruckusSZDPPktPoolCriticalLowTrap
Object Identifier	1.3.6.1.4.1.25053.2.11.1.91
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventType ruckusSZDPKey ruckusSZDPPacketPoolID ruckusSZEventCode
Description	This event occurs when data cores packet pool is under critical low water mark.
Generated by Event Code	517:dpPktPoolCriticalLow

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPPktPoolRecoverTrap

**Table 1.** ruckusSZDPPktPoolRecoverTrap

Object Name	ruckusSZDPPktPoolRecoverTrap
Object Identifier	1.3.6.1.4.1.25053.2.11.1.92
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventType ruckusSZDPKey

Object Name	ruckusSZDPPktPoolRecoverTrap
	ruckusSZDPPacketPoolID ruckusSZEventCode
Description	This event occurs when data cores packet pool is above high water mark.
Generated by Event Code	518:dpPktPoolRecover

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPCoreDeadTrap

**Table 1.** ruckusSZDPCoreDeadTrap

Object Name	ruckusSZDPCoreDeadTrap
Object Identifier	1.3.6.1.4.1.25053.2.11.1.93
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventType ruckusSZDPKey ruckusSZEventCode
Description	This event occurs when one or more data core is dead.
Generated by Event Code	519:dpCoreDead

Parent topic: [Ruckus Event Trap](#)

## ruckusSZUpgradeSuccessTrap

**Table 1.** ruckusSZUpgradeSuccessTrap

Object Name	ruckusSZUpgradeSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.2
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZEventFirmwareVersion ruckusSZEventUpgradedFirmwareVersion
Description	Triggered by the SmartZone success event. The event severity, event code, event type, node name, MAC address, management IP address, firmware version and upgraded firmware version are displayed.
Generated by Event Code	813:upgradeClusterNodeSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZUpgradeFailedTrap

**Table 1.** ruckusSZUpgradeFailedTrap

Object Name	ruckusSZUpgradeFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.3
Trap Severity	Major

Object Name	ruckusSZUpgradeFailedTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventFirmwareVersion ruckusSZEventUpgradedFirmwareVersion
Description	Triggered by the SmartZone upgrade failure event. The event severity, event code, event type, firmware version and upgraded firmware version are displayed.
Generated by Event Code	815:upgradeClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZUpgradeSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.210).

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeRestartedTrap

**Table 1.** ruckusSZNodeRestartedTrap

Object Name	ruckusSZNodeRestartedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.4
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp

Object Name	ruckusSZNodeRestartedTrap
	ruckusSZEventReason
Description	Triggered by the SmartZone restart event. The event severity, event code, event type, node name, MAC address, management IP address and restart reason are displayed.
Generated by Event Code	826:nodeRebooted

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeShutdownTrap

**Table 1.** ruckusSZNodeShutdownTrap

Object Name	ruckusSZNodeShutdownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.5
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by the SmartZone shutdown event. The event severity, event code, event type, node name, MAC address and management IP address are displayed.
Generated by Event Code	828:nodeShutdown

Object Name	ruckusSZNodeShutdownTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZNodeRestartedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.4).
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZCPUUsageThresholdExceededTrap

**Table 1.** ruckusSZCPUUsageThresholdExceededTrap

Object Name	ruckusSZCPUUsageThresholdExceededTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.6
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZCPUPerc
Description	Triggered by the SmartZone CPU threshold exceeded event. The usage percentage threshold can be configured as 60% to 90%. This trap is sent if the usage percentage exceeds the configured threshold. The event severity, event code, event type, node name, MAC address and CPU usage percentage are displayed.
Generated by Event Code	950:cpuThresholdExceeded

Object Name	ruckusSZCPUUsageThresholdExceededTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZCPUUsageThresholdBackToNormalTrap</a> (.1.3.6.1.4.1.25053.2.11.1.42)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZMemoryUsageThresholdExceededTrap

**Table 1.** ruckusSZMemoryUsageThresholdExceededTrap

Object Name	ruckusSZMemoryUsageThresholdExceededTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.7
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZMemoryPerc
Description	Triggered by the SmartZone memory threshold exceeded event. The usage percentage threshold can be configured as 60% to 90%. This trap is sent if the usage percentage exceeds the configured threshold. The event severity, event code, event type, node name, MAC address and memory usage percentage are displayed.
Generated by Event Code	951:memoryThresholdExceeded

Object Name	ruckusSZMemoryUsageThresholdExceededTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZMemoryUsageThresholdBackToNormalTrap</a> (.1.3.6.1.4.1.25053.2.11.1.43)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDiskUsageThresholdExceededTrap

**Table 1.** ruckusSZDiskUsageThresholdExceededTrap

Object Name	ruckusSZDiskUsageThresholdExceededTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.8
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZDiskPerc
Description	Triggered when there is a SmartZone disk usage threshold exceeded event. The usage percentage threshold can be configured as 60% to 90%. This trap is sent if the usage percentage exceeds the configured threshold. The event severity, event code, event type, node name, MAC address and disk usage percentage are displayed.
Generated by Event Code	952:diskUsageThresholdExceeded

Object Name	ruckusSZDiskUsageThresholdExceededTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDiskUsageThresholdBackToNormalTrap</a> (.1.3.6.1.4.1.25053.2.11.1.44)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLicenseUsageThresholdExceededTrap

**Table 1.** ruckusSZLicenseUsageThresholdExceededTrap

Object Name	ruckusSZLicenseUsageThresholdExceededTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.19
Trap Severity	Warning
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZLicenseType ruckusSZLicenseUsagePerc
Description	Triggered by the SmartZone license usage threshold exceeded event. The event severity, event code, event type, license type and license usage percentage are displayed.
Generated by Event Code	960:licenseThresholdExceeded

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPMiscEventTrap

**Table 1.** ruckusSZAPMiscEventTrap

Object Name	ruckusSZAPMiscEventTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.20
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventDescription ruckusSZEventAPIPv6
Description	Generic trap triggered by AP related miscellaneous event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, event description, and AP IPv6 are displayed.
Generated by Event Code	Refer to <a href="#">SmartZone Event Traps - ruckusSZAPMiscEventTrap</a>

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPConnectedTrap

**Table 1.** ruckusSZAPConnectedTrap

Object Name	ruckusSZAPConnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.21
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtReason ruckusSZEvtAPIPv6
Description	Triggered by the AP connected event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, event description, reason and AP IPv6 are displayed.
Generated by Event Code	312:apConnected

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPDeletedTrap

**Table 1.** ruckusSZAPDeletedTrap

Object Name	ruckusSZAPDeletedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.22
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtAPIPv6
Description	Triggered by the AP deleted event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, and AP IPv6 are displayed.
Generated by Event Code	313:apDeleted

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPDisconnectedTrap

**Table 1.** ruckusSZAPDisconnectedTrap

Object Name	ruckusSZAPDisconnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.23

Object Name	ruckusSZAPDisconnectedTrap
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered by AP connection lost event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP description, AP GPS coordinates, and AP IPv6 are displayed.
Generated by Event Code	303:apConnectionLost
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.21) and <a href="#">ruckusSZCriticalAPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.26)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPLostHeartbeatTrap

**Table 1.** ruckusSZAPLostHeartbeatTrap

Object Name	ruckusSZAPLostHeartbeatTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.24
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtAPIPv6
Description	Triggered by the SmartZone lost AP heart beat event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, and AP IPv6 are displayed.
Generated by Event Code	314:apHeartbeatLost
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.21) and <a href="#">ruckusSZCriticalAPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.26)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPRebootTrap

**Table 1.** ruckusSZAPRebootTrap

Object Name	ruckusSZAPRebootTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.25
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtReason ruckusSZEvtAPIPv6
Description	Triggered by the AP reboot event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, event reason and AP IPv6 are displayed.
Generated by Event Code	301:apRebootByUser ; 302:apRebootBySystem

Parent topic: [Ruckus Event Trap](#)

# ruckusSZCriticalAPConnectedTrap

**Table 1.** ruckusSZCriticalAPConnectedTrap

Object Name	ruckusSZCriticalAPConnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.26
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventReason ruckusSZEventAPIPv6
Description	Triggered by the AP reboot event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, event reason and AP IPv6 are displayed.
Generated by Event Code	312:apConnected

Parent topic: [Ruckus Event Trap](#)

# ruckusSZCriticalAPDisconnectedTrap

**Table 1.** ruckusSZCriticalAPDisconnectedTrap

Object Name	ruckusSZCriticalAPDisconnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.27
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered by the AP reboot event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, and AP IPv6 are displayed.
Generated by Event Code	303:apConnectionLost
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZCriticalAPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.26)
Cleared by Matching	ruckusSZEventAPMacAddr(.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPRejectedTrap

**Table 1.** ruckusSZAPRejectedTrap

Object Name	ruckusSZAPRejectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.28
Trap Severity	Minor
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventCtrlIP ruckusSZEventReason ruckusSZEventAPIIPv6
Description	Triggered by the AP rejected event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, event reason, and AP IPv6 are displayed.
Generated by Event Code	105:apStatusRejected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPManagedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.41)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPConfUpdateFailedTrap

**Table 1.** ruckusSZAPConfUpdateFailedTrap

Object Name	ruckusSZAPConfUpdateFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.29
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZAPConfigID ruckusSZEvtAPIPv6
Description	Triggered by the AP configuration update failed event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, configuration ID and AP IPv6 are displayed.
Generated by Event Code	111:apConfUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPConfUpdatedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.30)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPConfUpdatedTrap

**Table 1.** ruckusSZAPConfUpdatedTrap

Object Name	ruckusSZAPConfUpdatedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.30
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZAPConfigID ruckusSZEvtAPIPv6
Description	Triggered by AP configuration updated event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, AP configuration ID and AP IPv6 are displayed.
Generated by Event Code	110:apConfUpdated

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPSwapOutModelDiffTrap

**Table 1.** ruckusSZAPSwapOutModelDiffTrap

Object Name	ruckusSZAPSwapOutModelDiffTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.31
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZAPModel ruckusSZConfigAPModel ruckusSZEvtAPIPv6
Description	Triggered when the AP model is different from the imported swap AP model. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, AP model, configuration AP model and AP IPv6 are displayed.
Generated by Event Code	113:apModelDiffWithSwapOutAP

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPPreProvisionModelDiffTrap

**Table 1.** ruckusSZAPPreProvisionModelDiffTrap

Object Name	ruckusSZAPPreProvisionModelDiffTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.32
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZAPModel ruckusSZConfigAPModel ruckusSZEventAPIPv6
Description	Triggered when the AP model is different from imported pre-provision AP model. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates, AP model, configuration AP model and AP IPv6 are displayed.
Generated by Event Code	112:apModelDiffWithPreProvConfig

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPFirmwareUpdateFailedTrap

**Table 1.** ruckusSZAPFirmwareUpdateFailedTrap

Object Name	ruckusSZAPFirmwareUpdateFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.34
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtAPIPv6
Description	Triggered by AP firmware update failed event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates and AP IPv6 are displayed.
Generated by Event Code	107:apFirmwareUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPFirmwareUpdatedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.35)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPFirmwareUpdatedTrap

**Table 1.** ruckusSZAPFirmwareUpdatedTrap

Object Name	ruckusSZAPFirmwareUpdatedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.35
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtAPIPv6
Description	Triggered by AP firmware update success event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates and AP IPv6 are displayed.
Generated by Event Code	106:apFirmwareUpdated

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPWlanOversubscribedTrap

**Table 1.** ruckusSZAPWlanOversubscribedTrap

Object Name	ruckusSZAPWlanOversubscribedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.36
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates
Description	Triggered by AP WLAN oversubscribe 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

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPFactoryResetTrap

**Table 1.** ruckusSZAPFactoryResetTrap

Object Name	ruckusSZAPFactoryResetTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.37

Object Name	ruckusSZAPFactoryResetTrap
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered by the AP factory reset event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates and AP IPv6 are displayed.
Generated by Event Code	305:apFactoryReset

Parent topic: [Ruckus Event Trap](#)

## ruckusSZCableModemDownTrap

**Table 1.** ruckusSZCableModemDownTrap

Object Name	ruckusSZCableModemDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.10.1.38
Trap Severity	Major
Bindings	ruckusSZEventSeverity

Object Name	ruckusSZCableModemDownTrap
	ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered by the AP cable modem down event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates and AP IPv6 are displayed.
Generated by Event Code	316:cableModemDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZCableModemUpTrap</a> (.1.3.6.1.4.1.25053.2.11.1.45)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZCableModemRebootTrap

**Table 1.** ruckusSZCableModemRebootTrap

Object Name	ruckusSZCableModemRebootTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.39

Object Name	ruckusSZCableModemRebootTrap
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered when there is an AP cable modem reboot event. The event severity, event code, event type, AP name, AP MAC IP address, AP IP address, AP location, AP description, AP GPS coordinates and AP IPv6 are displayed.
Generated by Event Code	318:cmRebootByUser

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPManagedTrap

**Table 1.** ruckusSZAPManagedTrap

Object Name	ruckusSZAPManagedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.41
Trap Severity	Informational
Bindings	ruckusSZEventSeverity

Object Name	ruckusSZAPManagedTrap
	ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventCtrlIP
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, target zone name, control IP address and event code are displayed.
Generated by Event Code	103:apStatusManaged

Parent topic: [Ruckus Event Trap](#)

## ruckusSZCPUUsageThresholdBackToNormalTrap

**Table 1.** ruckusSZCPUUsageThresholdBackToNormalTrap

Object Name	ruckusSZCPUUsageThresholdBackToNormalTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.42
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZCPUUsageThresholdBackToNormalTrap
	ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZCPUPerc
Description	Triggered when the controller CPU temperature status is back to normal. The event severity, event code, event type, node name, MAC address, and CPU usage percentage are displayed.
Generated by Event Code	953:cpuThresholdBackToNormal

Parent topic: [Ruckus Event Trap](#)

## ruckusSZMemoryUsageThresholdBackToNormalTrap

**Table 1.** ruckusSZMemoryUsageThresholdBackToNormalTrap

Object Name	ruckusSZMemoryUsageThresholdBackToNormalTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.43
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZMemoryPerc
Description	Triggered when the controller memory temperature status is back to normal. The event severity, event code, event type, node name, MAC address, and memory usage percentage are displayed.

Object Name	ruckusSZMemoryUsageThresholdBackToNormalTrap
Generated by Event Code	954:memoryThresholdBackToNormal

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDiskUsageThresholdBackToNormalTrap

**Table 1.** ruckusSZDiskUsageThresholdBackToNormalTrap

Object Name	ruckusSZDiskUsageThresholdBackToNormalTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.44
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZDiskPerc
Description	Triggered when the controller disk temperature status is back to normal. The event severity, event code, event type, node name, MAC address, and memory usage percentage are displayed.
Generated by Event Code	955:diskUsageThresholdBackToNormal

Parent topic: [Ruckus Event Trap](#)

# ruckusSZCableModemUpTrap

**Table 1.** ruckusSZCableModemUpTrap

Object Name	ruckusSZCableModemUpTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.45
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered when the controller disk temperature status is back to normal. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, and AP IP v6 are displayed.
Generated by Event Code	325:cableModemUp

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPDiscoverySuccessTrap

**Table 1.** ruckusSZAPDiscoverySuccessTrap

Object Name	ruckusSZAPDiscoverySuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.46
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZEvtCtrlIP ruckusSZEvtAPIPv6
Description	Triggered by the event where the AP is discovered successfully. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, event control IP address, and AP IPv6 address are displayed.
Generated by Event Code	101:apDiscoverySuccess

Parent topic: [Ruckus Event Trap](#)

# ruckusSZCMResetByUserTrap

**Table 1.** ruckusSZCMResetByUserTrap

Object Name	ruckusSZCMResetByUserTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.47
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventReason ruckusSZEventAPIPv6
Description	Triggered by the event where the AP cable modem starts a soft reboot triggered by the user. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, event reason and AP IPv6 address are displayed.
Generated by Event Code	326:cmResetByUser

Parent topic: [Ruckus Event Trap](#)

# ruckusSZCMResetFactoryByUserTrap

**Table 1.** ruckusSZCMResetFactoryByUserTrap

Object Name	ruckusSZCMResetFactoryByUserTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.48
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventReason ruckusSZEventAPIPv6
Description	Triggered by the event where the AP cable modem is set to factory default by the user. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, event reason and AP IPv6 address are displayed.
Generated by Event Code	327:cmResetFactoryByUser

Parent topic: [Ruckus Event Trap](#)

# ruckusSZMaliciousRogueAPTimeoutTrap

**Table 1.** ruckusSZMaliciousRogueAPTimeoutTrap

Object Name	ruckusSZMaliciousRogueAPTimeoutTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.54
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventRogueMac ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZEventAPIPv6
Description	Triggered when the rogue AP disappears. The event severity, event code, event type, AP rouge MAC IP address, SSID value, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, and AP IP v6 are displayed.
Generated by Event Code	185:maliciousRogueAPTimeout

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPLBSConnectSuccessTrap

**Table 1.** ruckusSZAPLBSConnectSuccessTrap

Object Name	ruckusSZAPLBSConnectSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.55
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZLBSURL ruckusSZLBSPort ruckusSZEventAPIPv6
Description	Triggered when the AP successfully connect to the LS event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, LBS URL, LBS port and AP IP v6 are displayed.
Generated by Event Code	703:apLBSConnectSuccess

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPLBSNoResponsesTrap

**Table 1.** ruckusSZAPLBSNoResponsesTrap

Object Name	ruckusSZAPLBSNoResponsesTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.56
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZLBSURL ruckusSZLBSPort ruckusSZEvtAPIPv6
Description	Triggered when an event is raised since the LS fails to respond to the connecting AP. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, LBS URL, LBS port and AP IP v6 are displayed.
Generated by Event Code	701:apLBSNoResponses

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPLBSAuthFailedTrap

**Table 1.** ruckusSZAPLBSAuthFailedTrap

Object Name	ruckusSZAPLBSAuthFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.57
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZLBSURL ruckusSZLBSPort ruckusSZEventAPIPv6
Description	Triggered by the authentication failure event when the AP tries connecting to the LS. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, LBS URL, LBS port and AP IP v6 are displayed.
Generated by Event Code	702:apLBSAuthFailed

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPLBSConnectFailedTrap

**Table 1.** ruckusSZAPLBSConnectFailedTrap

Object Name	ruckusSZAPLBSConnectFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.58
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZLBSURL ruckusSZLBSPort ruckusSZEventAPIPv6
Description	An event is raised when the AP fails in connecting to LS. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, LBS URL, LBS port and AP IP v6 are displayed.
Generated by Event Code	704:apLBSConnectFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPLBSConnectSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.55)

Object Name	ruckusSZAPLBSConnectFailedTrap
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSCGGeneralRogueAPTrap

**Table 1.** ruckusSCGGeneralRogueAPTrap

Object Name	ruckusSCGGeneralRogueAPTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.59
Trap Severity	Warning
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

Object Name	ruckusSCGGeneralRogueAPTrap
	coordinates, zone name, event code and AP IPv6 address are displayed.
Generated by Event Code	186:generalRogueAPDetected

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPTunnelBuildFailedTrap

**Table 1.** ruckusSZAPTunnelBuildFailedTrap

Object Name	ruckusSZAPTunnelBuildFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.60
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZDPIP ruckusSZEvtReason ruckusSZEvtAPIPv6
Description	Triggered by the AP build tunnel failed event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP

Object Name	ruckusSZAPTunnelBuildFailedTrap
	description, AP GPS coordinates, data plane IP address, event reason and AP IP v6 are displayed.
Generated by Event Code	609:apBuildTunnelFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPTunnelBuildSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.61)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0).

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPTunnelBuildSuccessTrap

**Table 1.** ruckusSZAPTunnelBuildSuccessTrap

Object Name	ruckusSZAPTunnelBuildSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.61
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZDPIP

Object Name	ruckusSZAPTunnelBuildSuccessTrap
	ruckusSZEventAPIv6
Description	Triggered by the AP build tunnel success event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, data plane IP address, and AP IP v6 are displayed.
Generated by Event Code	608:apBuildTunnelSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPTunnelDisconnectedTrap

**Table 1.** ruckusSZAPTunnelDisconnectedTrap

Object Name	ruckusSZAPTunnelDisconnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.62
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZDPIP ruckusSZEventReason

Object Name	ruckusSZAPTunnelDisconnectedTrap
	ruckusSZEventAPIv6
Description	Triggered by the AP tunnel disconnected event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, data plane IP address, event reason and AP IP v6 are displayed.
Generated by Event Code	610:apTunnelDisconnected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPTunnelBuildSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.61)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPSoftGRETunnelFailoverPtoSTrap

**Table 1.** ruckusSZAPSoftGRETunnelFailoverPtoSTrap

Object Name	ruckusSZAPSoftGRETunnelFailoverPtoSTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.65
Trap Severity	Warning
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP

Object Name	ruckusSZAPSoftGRE TunnelFailoverPtoSTrap
	ruckusSZEAPLocation ruckusSZEAPDescription ruckusSZEAPGPSCoordinates ruckusPrimaryGRE ruckusSecondaryGRE ruckusSZEAPIPv6
Description	Triggered by the AP SoftGRE tunnel failing over from the primary server to the secondary server event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, primary GRE IP address, secondary GRE IP address and AP IP v6 are displayed.
Generated by Event Code	611:apSoftGRE TunnelFailoverPtoS
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPSoftGREGatewayReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.68)
Cleared by Matching	ruckusSZEAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPSoftGRE TunnelFailoverStoPTrap

**Table 1.** ruckusSZAPSoftGRE TunnelFailoverStoPTrap

Object Name	ruckusSZAPSoftGRE TunnelFailoverStoPTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.66
Trap Severity	Warning

Object Name	ruckusSZAPSoftGRETunnelFailoverStoPTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusPrimaryGRE ruckusSecondaryGRE ruckusSZEventAPIPv6
Description	Triggered by the AP SoftGRE tunnel failing over from the secondary server to the primary secondary event. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, primary GRE IP address, secondary GRE IP address and AP IP v6 are displayed.
Generated by Event Code	612:apSoftGRETunnelFailoverStoP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPSoftGREGatewayReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.68)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPSoftGREGatewayNotReachableTrap

**Table 1.** ruckusSZAPSoftGREGatewayNotReachableTrap

Object Name	ruckusSZAPSoftGREGatewayNotReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.67
Trap Severity	Critical
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSoftGREGatewayList ruckusSZEvtAPIPv6
Description	Triggered when the AP cannot ping/reach the SoftGRE gateway. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, GRE gateway list and AP IP v6 are displayed.
Generated by Event Code	614:apSoftGREGatewayNotReachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPSoftGREGatewayReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.68)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPSoftGREGatewayReachableTrap

**Table 1.** ruckusSZAPSoftGREGatewayReachableTrap

Object Name	ruckusSZAPSoftGREGatewayReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.68
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZSoftGREGWAddress
Description	Triggered when there is a 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 list and event code are displayed.
Generated by Event Code	613:apSoftGREGatewayReachable

Parent topic: [Ruckus Event Trap](#)

# ruckusSZDPConfUpdateFailedTrap

**Table 1.** ruckusSZDPConfUpdateFailedTrap

Object Name	ruckusSZDPConfUpdateFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.70
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZDPConfigID
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 code, event type, data plane identifier and configuration UUID are displayed.
Generated by Event Code	505:dpConfUpdateFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPConfUpdatedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.78)
Cleared by Matching	ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPLostHeartbeatTrap

**Table 1.** ruckusSZDPLostHeartbeatTrap

Object Name	ruckusSZDPLostHeartbeatTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.71
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZDPKey
Description	Triggered by the data plane lost heart beat event. The event severity, event code, event type and data plane identifier are displayed.
Generated by Event Code	507:dpLostConnection
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.76)
Cleared by Matching	ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPDisconnectedTrap

**Table 1.** ruckusSZDPDisconnectedTrap

Object Name	ruckusSZDPDisconnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.72
Trap Severity	Critical

Object Name	ruckusSZDPDisconnectedTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventCtrlIP
Description	Triggered by the data plane disconnected event. The event severity, event code, event type, data plane identifier, and control IP address are displayed.
Generated by Event Code	513:dpDisconnected
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPConnectedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.76)
Cleared by Matching	ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPPhyInterfaceDownTrap

**Table 1.** ruckusSZDPPhyInterfaceDownTrap

Object Name	ruckusSZDPPhyInterfaceDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.73
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey

Object Name	ruckusSZDPPhyInterfaceDownTrap
	ruckusSZNetworkPortID
Description	Triggered by the data plane physical interface detected as down event. The event severity, event code, event type, data plane identifier, and network port identifier are displayed
Generated by Event Code	514:dpPhyInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPPhyInterfaceUpTrap</a> (.1.3.6.1.4.1.25053.2.11.1.77)
Cleared by Matching	ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)  ruckusSZNetworkPortID (.1.3.6.1.4.1.25053.2.11.2.100.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPStatusUpdateFailedTrap

**Table 1.** ruckusSZDPStatusUpdateFailedTrap

Object Name	ruckusSZDPStatusUpdateFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.74
Trap Severity	Minor
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey

Object Name	ruckusSZDPStatusUpdateFailedTrap
Description	Triggered by the data plane update status failed event. The event severity, event code, event type and data plane identifier are displayed.
Generated by Event Code	510:dpUpdateStatusFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPStatisticUpdateFalielTrap

**Table 1.** ruckusSZDPStatisticUpdateFalielTrap

Object Name	ruckusSZDPStatisticUpdateFalielTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.75
Trap Severity	Minor
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey
Description	Triggered by the data plane update statistics failed event. The event severity, event code, event type and data plane identifier are displayed.
Generated by Event Code	511:dpUpdateStatisticFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPConnectedTrap

**Table 1.** ruckusSZDPConnectedTrap

Object Name	ruckusSZDPConnectedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.76
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventCtrlIP
Description	Triggered by the data plane connected event. The event severity, event code, event type, data plane identifier and control IP address are displayed.
Generated by Event Code	512:dpConnected

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPPhyInterfaceUpTrap

**Table 1.** ruckusSZDPPhyInterfaceUpTrap

Object Name	ruckusSZDPPhyInterfaceUpTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.77
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZDPPhyInterfaceUpTrap
	ruckusSZDPKey ruckusSZNetworkPortID
Description	Triggered by the data plane physical interface up event. The event severity, event code, event type, data plane identifier and network port identifier are displayed.
Generated by Event Code	515:dpPhyInterfaceUp

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPConfUpdatedTrap

**Table 1.** ruckusSZDPConfUpdatedTrap

Object Name	ruckusSZDPConfUpdatedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.78
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZDPConfigID
Description	Triggered by the data plane configuration updated event. The event severity, event code, event type, data plane identifier and configuration identifier are displayed.
Generated by Event Code	504:dpConfUpdated

Parent topic: [Ruckus Event Trap](#)

# ruckusSZDPTunnelTearDownTrap

**Table 1.** ruckusSZDPTunnelTearDownTrap

Object Name	ruckusSZDPTunnelTearDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.79
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventAPMacAddr ruckusSZEventReason
Description	Triggered by the data plane tear down tunnel event. The event severity, event code, event type, data plane identifier, AP MAC address and event reason are displayed.
Generated by Event Code	603:dpTearDownTunnel
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPTunnelSetUpTrap</a> (.1.3.6.1.4.1.25053.2.11.1.85)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0) ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPAcceptTunnelRequestTrap

**Table 1.** ruckusSZDPAcceptTunnelRequestTrap

Object Name	ruckusSZDPAcceptTunnelRequestTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.81
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventAPMacAdd
Description	Triggered when the data plane accepts a tunnel request from the AP. The event severity, event code, event type, data plane identifier and AP MAC address are displayed.
Generated by Event Code	601:dpAcceptTunnelRequest

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPRejectTunnelRequestTrap

**Table 1.** ruckusSZDPRejectTunnelRequestTrap

Object Name	ruckusSZDPRejectTunnelRequestTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.82
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZDPRejectTunnelRequestTrap
	ruckusSZDPKey ruckusSZEventAPMacAddr ruckusSZEventReason
Description	Triggered when the data plane rejects a tunnel request from the AP. The event severity, event code, event type, data plane identifier, AP MAC address and event reason are displayed.
Generated by Event Code	602:dpRejectTunnelRequest

 **Note:**

Trap .1.3.6.1.4.1.25053.2.11.1.85 is not applicable for vSZ-E.

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPTunnelSetUpTrap

**Table 1.** ruckusSZDPTunnelSetUpTrap

Object Name	ruckusSZDPTunnelSetUpTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.85
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventAPMacAdd

Object Name	ruckusSZDPTunnelSetUpTrap
Description	Triggered when the data plane sets the tunnel. The event severity, event code, event type, data plane identifier and AP MAC address are displayed.
Generated by Event Code	627:dpSetUpTunnel

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPDiscoverySuccessTrap

**Table 1.** ruckusSZDPDiscoverySuccessTrap

Object Name	ruckusSZDPDiscoverySuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.86
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventCtrlIP
Description	Triggered by the event where the data plane is successfully identified The event severity, event code, event type, data plane identifier and control plane IP address are displayed.
Generated by Event Code	501:dpDiscoverySuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPDiscoveryFailTrap

**Table 1.** ruckusSZDPDiscoveryFailTrap

Object Name	ruckusSZDPDiscoveryFailTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.87
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey ruckusSZEventCtrlIP
Description	Triggered by the event where the data plane is unidentified The event severity, event code, event type, data plane identifier and control plane IP address are displayed.
Generated by Event Code	502:dpDiscoveryFail

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPDeletedTrap

**Table 1.** ruckusSZDPDeletedTrap

Object Name	ruckusSZDPDeletedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.94
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZDPDeletedTrap
	ruckusSZDPKey
Description	Triggered by the event where data plane is deleted. The event severity, event code, type and data plane identifier are displayed.
Generated by Event Code	537:dpDeleted

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPUpgradeStartTrap

**Table 1.** ruckusSZDPUpgradeStartTrap

Object Name	ruckusSZDPUpgradeStartTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.95
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey
Description	Triggered by the event of data plane starting the upgrade process. The event severity, event code, event type and data plane identifier are displayed.
Generated by Event Code	550:dpUpgradeStart

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPUgradingTrap

**Table 1.** ruckusSZDPUgradingTrap

Object Name	ruckusSZDPUgradingTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.96
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey
Description	Triggered by the event when data plane starts the upgrade program and configuration. The event severity, event code, event type, and data plane identifier are displayed.
Generated by Event Code	551:dpUpgrading

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPUgradeSuccessTrap

**Table 1.** ruckusSZDPUgradeSuccessTrap

Object Name	ruckusSZDPUgradeSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.97
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey

Object Name	ruckusSZDPUUpgradeSuccessTrap
Description	Triggered by the event when data plane upgrade is successful. The event severity, event code, event type, and data plane identifier are displayed.
Generated by Event Code	552:dpUpgradeSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZDPUUpgradeFailedTrap

**Table 1.** ruckusSZDPUUpgradeFailedTrap

Object Name	ruckusSZDPUUpgradeFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.98
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZDPKey
Description	Triggered by the event when data plane upgrade fails. The event severity, event code, event type, and data plane identifier are displayed.
Generated by Event Code	553:dpUpgradeFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZDPUUpgradeSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.97)
Cleared by Matching	ruckusSZDPKey (.1.3.6.1.4.1.25053.2.11.2.80.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClientMiscEventTrap

**Table 1.** ruckusSZClientMiscEventTrap

Object Name	ruckusSZClientMiscEventTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.100
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventClientMacAddr ruckusSZEventDescription
Description	Generic trap triggered by specified client related miscellaneous event. The event severity, event code, event type, client MAC address and event description are displayed.
Generated by Event Code	Refer to appendix <a href="#">SmartZone Event Traps - ruckusSZClientMiscEventTrap</a>

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeJoinFailedTrap

**Table 1.** ruckusSZNodeJoinFailedTrap

Object Name	ruckusSZNodeJoinFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.200
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName

Object Name	ruckusSZNodeJoinFailedTrap
	ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered by new node failing to join event. The event severity, event code, event type, node name, node MAC address and cluster name are displayed.
Generated by Event Code	803:newNodeJoinFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZNodeJoinSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.218)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeRemoveFailedTrap

**Table 1.** ruckusSZNodeRemoveFailedTrap

Object Name	ruckusSZNodeRemoveFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.201
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName

Object Name	ruckusSZNodeRemoveFailedTrap
Description	Triggered by remove node failed event. The event severity, event type, node name, node MAC 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="#">ruckusSZNodeRemoveSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.220)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeOutOfServiceTrap

**Table 1.** ruckusSZNodeOutOfServiceTrap

Object Name	ruckusSZNodeOutOfServiceTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.202
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered by node out of service event. The event severity, event code, event type, node name, node MAC address and cluster name are displayed.

Object Name	ruckusSZNodeOutOfServiceTrap
Generated by Event Code	806:nodeOutOfService
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZNodeBackToInServiceTrap</a> (.1.3.6.1.4.1.25053.2.11.1.222)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterInMaintenanceStateTrap

**Table 1.** ruckusSZClusterInMaintenanceStateTrap

Object Name	ruckusSZClusterInMaintenanceStateTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.203
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered when a cluster is put into maintenance state event. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	807:clusterInMaintenanceState
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterBackToInServiceTrap</a> (.1.3.6.1.4.1.25053.2.11.1.216).

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterBackupFailedTrap

**Table 1.** ruckusSZClusterBackupFailedTrap

Object Name	ruckusSZClusterBackupFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.204
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered when a cluster failed to create a backup event. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	810:backupClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZBackupClusterSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.217)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterRestoreFailedTrap

**Table 1.** ruckusSZClusterRestoreFailedTrap

Object Name	ruckusSZClusterRestoreFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.205
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode

Object Name	ruckusSZClusterRestoreFailedTrap
	ruckusSZEventType ruckusSZClusterName
Description	Triggered by restore cluster failed event. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	812:restoreClusterFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterRestoreSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.221)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterAppStoppedTrap

**Table 1.** ruckusSZClusterAppStoppedTrap

Object Name	ruckusSZClusterAppStoppedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.206
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZProcessName ruckusSZEventNodeName ruckusSZEventMacAddr

Object Name	ruckusSZClusterAppStoppedTrap
Description	Triggered when an application has stopped running/functioning. The event severity, event code, event type, application name, SZ node name and node MAC address are displayed.
Generated by Event Code	816:clusterAppStop
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterAppStartTrap</a> (.1.3.6.1.4.1.25053.2.11.1.219)
Cleared by Matching	ruckusSZProcessName(.1.3.6.1.4.1.25053.2.11.2.11.0) ruckusSZEventMacAddr(.1.3.6.1.4.1.25053.2.11.2.20.0 )

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeBondInterfaceDownTrap

**Table 1.** ruckusSZNodeBondInterfaceDownTrap

Object Name	ruckusSZNodeBondInterfaceDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.207
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZNetworkInterface ruckusSZEventNodeName ruckusSZEventMacAddr
Description	Triggered by node bond interface down event. The event severity, event type, network interface,

Object Name	ruckusSZNodeBondInterfaceDownTrap
	controller node name, node MAC address and event code are displayed.
Generated by Event Code	821:nodeBondInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZNodeBondInterfaceUpTrap</a> (.1.3.6.1.4.1.25053.2.11.1.211)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)  ruckusSZNetworkInterface (.1.3.6.1.4.1.25053.2.11.2.101.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodePhyInterfaceDownTrap

**Table 1.** ruckusSZNodePhyInterfaceDownTrap

Object Name	ruckusSZNodePhyInterfaceDownTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.208
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZNetworkInterface ruckusSZEventNodeName ruckusSZEventMacAddr
Description	Triggered by node physical interface down event. The event severity, event type, network interface,

Object Name	ruckusSZNodePhyInterfaceDownTrap
	controller node name, node MAC address and event code are displayed.
Generated by Event Code	824:nodePhyInterfaceDown
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZNodePhyInterfaceUpTrap</a> (.1.3.6.1.4.1.25053.2.11.1.212)
Cleared by Matching	ruckusSZEvtMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)  ruckusSZNetworkInterface (.1.3.6.1.4.1.25053.2.11.2.101.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterLeaderChangedTrap

**Table 1.** ruckusSZClusterLeaderChangedTrap

Object Name	ruckusSZClusterLeaderChangedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.209
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtNodeName ruckusSZEvtMacAddr ruckusSZClusterName

Object Name	ruckusSZClusterLeaderChangedTrap
Description	Triggered by cluster leader changed event. The event severity, event code, event type, SZ node name, node MAC address and cluster name are displayed.
Generated by Event Code	820:clusterLeaderChanged

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUpgradeSuccessTrap

**Table 1.** ruckusSZClusterUpgradeSuccessTrap

Object Name	ruckusSZClusterUpgradeSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.210
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName ruckusSZEventFirmwareVersion ruckusSZEventUpgradedFirmwareVersion
Description	Triggered when the entire cluster has been successfully upgraded. The event severity, event code, event type, cluster name, firmware version and upgraded firmware version are displayed.
Generated by Event Code	814:upgradeEntireClusterSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeBondInterfaceUpTrap

**Table 1.** ruckusSZNodeBondInterfaceUpTrap

Object Name	ruckusSZNodeBondInterfaceUpTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.211
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZNetworkInterface ruckusSZEventNodeName ruckusSZEventMacAddr
Description	Triggered by node bond interface up event. The event severity, event code, event type, network interface, SZ node name and SZ MAC address are displayed.
Generated by Event Code	822:nodeBondInterfaceUp

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodePhyInterfaceUpTrap

**Table 1.** ruckusSZNodePhyInterfaceUpTrap

Object Name	ruckusSZNodePhyInterfaceUpTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.212
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode

Object Name	ruckusSZNodePhyInterfaceUpTrap
	ruckusSZEventType ruckusSZNetworkInterface ruckusSZEventNodeName ruckusSZEventMacAddr
Description	Triggered by node physical interface up event. The event severity, event code, event type, network interface, SZ node name and SZ MAC address are displayed.
Generated by Event Code	825:nodePhyInterfaceUp

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterBackToInServiceTrap

**Table 1.** ruckusSZClusterBackToInServiceTrap

Object Name	ruckusSZClusterBackToInServiceTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.216
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered when a cluster is back in service. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	808:clusterBackToInService

Parent topic: [Ruckus Event Trap](#)

## ruckusSZBackupClusterSuccessTrap

**Table 1.** ruckusSZBackupClusterSuccessTrap

Object Name	ruckusSZBackupClusterSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.217
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by backup cluster success event. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	809:backupClusterSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeJoinSuccessTrap

**Table 1.** ruckusSZNodeJoinSuccessTrap

Object Name	ruckusSZNodeJoinSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.218
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName

Object Name	ruckusSZNodeJoinSuccessTrap
	ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered by new node join success event. The event severity, event code, event type, SZ node name, node MAC address and cluster name are displayed.
Generated by Event Code	802:newNodeJoinSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterAppStartTrap

Table 1. ruckusSZClusterAppStartTrap

Object Name	ruckusSZClusterAppStartTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.219
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZProcessName ruckusSZEventNodeName ruckusSZEventMacAddr
Description	Triggered when a cluster application starts. The event severity, event code, event type, application name, SZ node name and node MAC address are displayed.
Generated by Event Code	817:clusterAppStart

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeRemoveSuccessTrap

**Table 1.** ruckusSZNodeRemoveSuccessTrap

Object Name	ruckusSZNodeRemoveSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.220
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered by successful removal of a node. The event severity, event code, event type, SZ node name, node MAC address and cluster name are displayed.
Generated by Event Code	804:removeNodeSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterRestoreSuccessTrap

**Table 1.** ruckusSZClusterRestoreSuccessTrap

Object Name	ruckusSZClusterRestoreSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.221
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode

Object Name	ruckusSZClusterRestoreSuccessTrap
	ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered when a cluster has been successfully restored. The event severity, event code, event type, SZ node name, node MAC address and cluster name are displayed.
Generated by Event Code	811:restoreClusterSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZNodeBackToInServiceTrap

**Table 1.** ruckusSZNodeBackToInServiceTrap

Object Name	ruckusSZNodeBackToInServiceTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.222
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName
Description	Triggered by node back to in service event. The event severity, event code, event type, SZ node name, node MAC address and cluster name are displayed.

Object Name	ruckusSZNodeBackToInServiceTrap
Generated by Event Code	835:nodeBackToInService

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSshTunnelSwitchedTrap

**Table 1.** ruckusSZSshTunnelSwitchedTrap

Object Name	ruckusSZSshTunnelSwitchedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.223
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZEventMacAddr ruckusSZClusterName ruckusSZSwitchStatus
Description	Triggered by SSH tunnel switched event. The event severity, event code, event type, SZ node name, node MAC address, cluster name and switch status are displayed.
Generated by Event Code	833:sshTunnelSwitched

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterCfgBackupStartTrap

**Table 1.** ruckusSZClusterCfgBackupStartTrap

Object Name	ruckusSZClusterCfgBackupStartTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.224
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by start of configuration backup event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	860:clusterCfgBackupStart

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterCfgBackupSuccessTrap

**Table 1.** ruckusSZClusterCfgBackupSuccessTrap

Object Name	ruckusSZClusterCfgBackupSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.225
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName

Object Name	ruckusSZClusterCfgBackupSuccessTrap
Description	Triggered by successful configuration backup event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	861:clusterCfgBackupSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterCfgBackupFailedTrap

**Table 1.** ruckusSZClusterCfgBackupFailedTrap

Object Name	ruckusSZClusterCfgBackupFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.226
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by failed configuration backup event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	862:clusterCfgBackupFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterCfgBackupSuccessTrap</a>

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterCfgRestoreSuccessTrap

**Table 1.** ruckusSZClusterCfgRestoreSuccessTrap

Object Name	ruckusSZClusterCfgRestoreSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.227
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by successful configuration restoration event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	863:clusterCfgRestoreSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterCfgRestoreFailedTrap

**Table 1.** ruckusSZClusterCfgRestoreFailedTrap

Object Name	ruckusSZClusterCfgRestoreFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.228
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName

Object Name	ruckusSZClusterCfgRestoreFailedTrap
Description	Triggered by failed configuration restoration event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	864:clusterCfgRestoreFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterCfgRestoreSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.227)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUploadSuccessTrap

**Table 1.** ruckusSZClusterUploadSuccessTrap

Object Name	ruckusSZClusterUploadSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.229
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by successful cluster upload event. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	831:uploadClusterSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUploadFailedTrap

**Table 1.** ruckusSZClusterUploadFailedTrap

Object Name	ruckusSZClusterUploadFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.230
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName ruckusSZEventReason
Description	Triggered by failed cluster upload event. The event severity, event code, event type, controller cluster name and reason are displayed.
Generated by Event Code	832:uploadClusterFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterOutOfServiceTrap

**Table 1.** ruckusSZClusterOutOfServiceTrap

Object Name	ruckusSZClusterOutOfServiceTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.231
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZClusterOutOfServiceTrap
	ruckusSZClusterName
Description	Triggered by the event where the cluster is out of service. The event severity, event code, event type and controller cluster name are displayed.
Generated by Event Code	843:clusterOutOfService
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZClusterBackToInServiceTrap</a> (.1.3.6.1.4.1.25053.2.11.1.216)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUploadVDPFirmwareStartTrap

**Table 1.** ruckusSZClusterUploadVDPFirmwareStartTrap

Object Name	ruckusSZClusterUploadVDPFirmwareStartTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.232
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by the event when the when the cluster starts and uploads virtual data plane. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	845:clusterUploadVDPFirmwareStart

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUploadVDPFirmwareSuccessTrap

**Table 1.** ruckusSZClusterUploadVDPFirmwareSuccessTrap

Object Name	ruckusSZClusterUploadVDPFirmwareSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.233
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName
Description	Triggered by the event when cluster uploads the virtual data plane firmware is successful. The event severity, event code, event type and cluster name are displayed.
Generated by Event Code	846:uploadClusterVDPFirmwareSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZClusterUploadVDPFirmwareFailedTrap


**Table 1.** ruckusSZClusterUploadVDPFirmwareFailedTrap

Object Name	ruckusSZClusterUploadVDPFirmwareFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.234
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZClusterName

Object Name	ruckusSZClusterUploadVDPFirmwareFailedTrap
	ruckusSZEventReason
Description	Triggered by the event when cluster uploads the virtual data plane firmware fails. The event severity, event code, event type, cluster name, and reason are displayed.
Generated by Event Code	847:uploadClusterVDPFirmwareFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiTempBBTrap

 **Note:** Traps .1.3.6.1.4.1.25053.2.11.1.251 to .1.3.6.1.4.1.25053.2.11.1.275 is not applicable for vSZ-E.

**Table 1.** ruckusSZIpmiTempBBTrap

Object Name	ruckusSZIpmiTempBBTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.251
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZTemperatureStatus ruckusSZEventMacAddr
Description	Triggered by baseboard temperature event. The event severity, event code, event type, temperature status and node MAC address are displayed.
Generated by Event Code	902:ipmiThempBB

Object Name	ruckusSZIpmiTempBBTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZIpmiRETempBBTrap</a> (.1.3.6.1.4.1.25053.2.11.1.265)
Cleared by Matching	ruckusSZEvtMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiTempPTrap

**Table 1.** ruckusSZIpmiTempPTrap

Object Name	ruckusSZIpmiTempPTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.256
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZProcessorId ruckusSZTemperatureStatus ruckusSZEvtMacAddr
Description	Triggered by processor temperature event. The event severity, event code, event type, processor id, temperature status and controller node MAC address are displayed.
Generated by Event Code	907:ipmiThempP
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZIpmiRETempPTrap</a> (.1.3.6.1.4.1.25053.2.11.1.270)

Object Name	ruckusSZIpmiTempPTrap
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)  ruckusSZProcessorId (.1.3.6.1.4.1.25053.2.11.2.121.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiFanTrap

**Table 1.** ruckusSZIpmiFanTrap

Object Name	ruckusSZIpmiFanTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.258
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZFanId ruckusSZFanStatus ruckusSZEventMacAddr
Description	Triggered when the system fan fails. The event severity, event code, event type, fan id, fan status and controller node MAC address are displayed.
Generated by Event Code	909:ipmiFan
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZIpmiFanTrap</a> (.1.3.6.1.4.1.25053.2.11.1.272)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)  ruckusSZFanId (.1.3.6.1.4.1.25053.2.11.2.122.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiFanStatusTrap

**Table 1.** ruckusSZIpmiFanStatusTrap

Object Name	ruckusSZIpmiFanStatusTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.261
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZFanId ruckusSZFanStatus ruckusSZEventMacAddr
Description	Triggered by fan module event. The event severity, event code, event type, fan id, fan status and controller node MAC address are displayed.
Generated by Event Code	912:ipmiFanStatus
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZIpmiREFanStatusTrap</a> (.1.3.6.1.4.1.25053.2.11.1.275)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)  ruckusSZFanId (.1.3.6.1.4.1.25053.2.11.2.122.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiRETempBBTrap

**Table 1.** ruckusSZIpmiRETempBBTrap

Object Name	ruckusSZIpmiRETempBBTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.265
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZTemperatureStatus ruckusSZEventMacAddr
Description	Triggered by the event where the base board temperature status recovers to normal condition. The event severity, event code, event type, temperature status and controller node MAC address are displayed.
Generated by Event Code	927:ipmiREThempBB

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiRETempPTrap

**Table 1.** ruckusSZIpmiRETempPTrap

Object Name	ruckusSZIpmiRETempPTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.270
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType

Object Name	ruckusSZIpmiRETempPTrap
	ruckusSZProcessorId ruckusSZTemperatureStatus ruckusSZEventMacAddr
Description	Triggered by the event where the processor temperature status recovers to normal condition. The event severity, event code, event type, processor ID, temperature status and controller node MAC address are displayed.
Generated by Event Code	932:ipmiREThempP

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiREFanTrap

**Table 1.** ruckusSZIpmiREFanTrap

Object Name	ruckusSZIpmiREFanTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.272
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZFanId ruckusSZFanStatus ruckusSZEventMacAddr
Description	Triggered by the event where the system fan module status recovers to normal condition. The event severity, event code, event type, fan ID, fan

Object Name	ruckusSZIpmiREFanTrap
	temperature status and controller node MAC address are displayed.
Generated by Event Code	934:ipmiREFan

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIpmiREFanStatusTrap

**Table 1.** ruckusSZIpmiREFanStatusTrap

Object Name	ruckusSZIpmiREFanStatusTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.275
Trap Severity	Informational
Bindings	ruckusSZEeventSeverity ruckusSZEeventCode ruckusSZEeventType ruckusSZFanId ruckusSZFanStatus ruckusSZEeventMacAddr
Description	Triggered by the event where fan module status recovers to normal condition. The event severity, event code, event type, fan ID, fan temperature status and controller node MAC address are displayed.
Generated by Event Code	937:ipmiREFanStatus

Parent topic: [Ruckus Event Trap](#)

## ruckusSZFtpTransferErrorTrap

**Table 1.** ruckusSZFtpTransferErrorTrap

Object Name	ruckusSZFtpTransferErrorTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.280
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZFtpIp ruckusSZFtpPort ruckusSZFileName ruckusSZEventMacAddr
Description	Triggered by FTP transfer error event. The event severity, event code, event type, FTP server IP address, FTP server port, file name and node MAC address are displayed.
Generated by Event Code	971:ftpTransferError

Parent topic: [Ruckus Event Trap](#)

## ruckuscsvFtpTransfer

**Table 1.** ruckuscsvFtpTransfer

Object Name	ruckuscsvFtpTransfer
Parent Node	ruckusSCGEventObjects
Object Identifier	1.3.6.1.4.1.25053.2.10.1.281
Trap Severity	Informational
Bindings	ruckusSCGEventSeverity

Object Name	ruckuscsvFtpTransfer
	ruckusSCGEventCode ruckusSCGEventType ruckusSCGFtpIp ruckusSCGFtpPort ruckusSCGFileName ruckusSCGEventNodeName
Description	This event occurs when CSV export file transfer to FTP server is successful.
Generated by Event Code	972

Parent topic: [Ruckus Event Trap](#)

## ruckuscsvFtpTransferError

**Table 1.** ruckuscsvFtpTransferError

Object Name	csvFtpTransferError
Parent Node	ruckusSCGEventObjects
Object Identifier	1.3.6.1.4.1.25053.2.10.1.282
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventCode ruckusSCGEventType ruckusSCGFtpIp ruckusSCGFtpPort ruckusSCGFileName

Object Name	csvFtpTransferError
	ruckusSCGEventNodeName
Description	This event occurs when CSV export file transfer to the FTP server fails.
Generated by Event Code	973

Parent topic: [Ruckus Event Trap](#)

## ruckuscsvFtpTransferMaxRetryReached

**Table 1.** csvFtpTransferMaxRetryReached

Object Name	ruckuscsvFtpTransferMaxRetryReached
Parent Node	ruckusSCGEventObjects
Object Identifier	1.3.6.1.4.1.25053.2.10.1.283
Trap Severity	Major
Bindings	ruckusSCGEventSeverity ruckusSCGEventCode ruckusSCGEventType ruckusSCGFtpIp ruckusSCGFtpPort ruckusSCGFileName ruckusSCGEventNodeName
Description	This event occurs after CSV export file transfer max retries reached.
Generated by Event Code	974

Parent topic: [Ruckus Event Trap](#)

## ruckuscsvDiskThresholdExceeded

**Table 1.** ruckuscsvDiskThresholdExceeded

Object Name	ruckuscsvDiskThresholdExceeded
Parent Node	ruckusSCGEventObjects
Object Identifier	1.3.6.1.4.1.25053.2.10.1.284
Trap Severity	Warning
Bindings	ruckusSCGEventSeverity ruckusSCGEventCode ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGDiskThreshold ruckusSCGDiskAvailableDiskSize
Description	This event occurs when CSV export disk size has exceeded the threshold limit.
Generated by Event Code	975

Parent topic: [Ruckus Event Trap](#)

## ruckuscsvDiskMaxCapacityReached

**Table 1.** ruckuscsvDiskMaxCapacityReached

Object Name	ruckuscsvDiskMaxCapacityReached
Parent Node	ruckusSCGEventObjects
Object Identifier	1.3.6.1.4.1.25053.2.10.1.285
Trap Severity	Critical

Object Name	ruckuscsvDiskMaxCapacityReached
Bindings	ruckusSCGEventSeverity ruckusSCGEventCode ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGDiskAllocatedDiskSize
Description	This event occurs when CSV export disk maximum capacity reached.
Generated by Event Code	976

Parent topic: [Ruckus Event Trap](#)

## csvDiskThresholdBackToNormal

**Table 1.** csvDiskThresholdBackToNormal

Object Name	csvDiskThresholdBackToNormal
Parent Node	csvDiskThresholdBackToNormal
Object Identifier	1.3.6.1.4.1.25053.2.10.1.286
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventCode ruckusSCGEventType ruckusSCGEventNodeName ruckusSCGDiskCurrentUsedPercent ruckusSCGDiskAvailableDiskSize

Object Name	csvDiskThresholdBackToNormal
Description	This event occurs when CSV export disk threshold back to normal.
Generated by Event Code	977

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSystemLBSConnectSuccessTrap

**Table 1.** ruckusSZSystemLBSConnectSuccessTrap

Object Name	ruckusSZSystemLBSConnectSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.290
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZLBSURL ruckusSZLBSPort
Description	Triggered by the event when the controller successfully connects to the LS. The event severity, event code, event type, controller MAC address, controller node MAC address, LBS (Location Based Service) server URL and LBS port are displayed.
Generated by Event Code	723:scgLBSConnectSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSystemLBSNoResponseTrap

**Table 1.** ruckusSZSystemLBSNoResponseTrap

Object Name	ruckusSZSystemLBSNoResponseTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.291
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZLBSURL ruckusSZLBSPort
Description	Triggered by the controller failure response event when connecting to the LS. The event severity, event code, event type, controller MAC address, controller node MAC address, LBS server URL and LBS port are displayed.
Generated by Event Code	721:scgLBSNoResponse

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSystemLBSAuthFailedTrap

**Table 1.** ruckusSZSystemLBSAuthFailedTrap

Object Name	ruckusSZSystemLBSAuthFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.292
Trap Severity	Major

Object Name	ruckusSZSystemLBSAuthFailedTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZLBSURL ruckusSZLBSPort
Description	Triggered by the controller authentication failure event when connecting to the LS. The event severity, event code, event type, controller MAC address, controller node MAC address, LBS server URL and LBS port are displayed.
Generated by Event Code	722:scgLBSAuthFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSystemLBSConnectFailedTrap

**Table 1.** ruckusSZSystemLBSConnectFailedTrap

Object Name	ruckusSZSystemLBSConnectFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.293
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp

Object Name	ruckusSZSystemLBSCConnectFailedTrap
	ruckusSZLBSURL ruckusSZLBSPort
Description	Triggered by the controller failed to connect to LS event. The event severity, event code, event type, node MAC address, management IP address, LBS server URL and LBS port are displayed.
Generated by Event Code	724:scgLBSCConnectFailed
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZSystemLBSCConnectSuccessTrap</a> (.1.3.6.1.4.1.25053.2.11.1.290)
Cleared by Matching	ruckusSZEventMacAddr (.1.3.6.1.4.1.25053.2.11.2.20.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZProcessRestartTrap

Table 1. ruckusSZProcessRestartTrap

Object Name	ruckusSZProcessRestartTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.300
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZProcessName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp

Object Name	ruckusSZProcessRestartTrap
Description	Triggered by process restart event. The event severity, event code, event type, process name, node MAC address and management IP address are displayed.
Generated by Event Code	1001:processRestart

Parent topic: [Ruckus Event Trap](#)

## ruckusSZServiceUnavailableTrap

**Table 1.** ruckusSZServiceUnavailableTrap

Object Name	ruckusSZServiceUnavailableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.301
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZProcessName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by service unavailable event. The event severity, event code, event type, process name, node MAC address and management IP address are displayed.
Generated by Event Code	1002:serviceUnavailable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZKeepAliveFailureTrap

**Table 1.** ruckusSZKeepAliveFailureTrap

Object Name	ruckusSZKeepAliveFailureTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.302
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSrcProcess ruckusSZProcessName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by service keep alive failure event. The event severity, event code, event type, source process name, process name, node MAC address and management IP address are displayed.
Generated by Event Code	1003:keepAliveFailure

Parent topic: [Ruckus Event Trap](#)

## ruckusSZResourceUnavailableTrap

**Table 1.** ruckusSZResourceUnavailableTrap

Object Name	ruckusSZResourceUnavailableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.304
Trap Severity	Critical
Bindings	ruckusSZEventSeverity

Object Name	ruckusSZResourceUnavailableTrap
	ruckusSZEventCode ruckusSZEventType ruckusSZSrcProcess ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZEventReason
Description	Triggered by resource unavailable event. The event severity, event code, event type, source process name, node MAC address, management IP address and reason are displayed.
Generated by Event Code	1006:resourceUnavailable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSmfRegFailedTrap


**Table 1.** ruckusSZSmfRegFailedTrap

Object Name	ruckusSZSmfRegFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.305
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSrcProcess ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp

Object Name	ruckusSZSmfRegFailedTrap
Description	Triggered by SMF (System Management Framework) registration failed event. The event severity, event code, event type, source process name, node MAC address and management IP address are displayed.
Generated by Event Code	1010:smfRegFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZHipFailoverTrap

 **Note:** This trap is not applicable for vSZ-E.

**Table 1.** ruckusSZHipFailoverTrap

Object Name	ruckusSZHipFailoverTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.306
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSrcProcess ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by a HIP failover event. The event severity, event code, event type, source process name, event MAC address, node management IP address are displayed.
Generated by Event Code	1016:hipFailover

Parent topic: [Ruckus Event Trap](#)

## ruckusSZConfUpdFailedTrap

**Table 1.** ruckusSZConfUpdFailedTrap

Object Name	ruckusSZConfUpdFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.307
Trap Severity	Debug
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZProcessName ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZEventReason
Description	Triggered by configuration update failed event. The event severity, event code, event type, process name, node MAC address, management IP address and failure reason are displayed.
Generated by Event Code	1008:cfgUpdFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZConfRcvFailedTrap

**Table 1.** ruckusSZConfRcvFailedTrap

Object Name	ruckusSZConfRcvFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.308
Trap Severity	Debug

Object Name	ruckusSZConfRcvFailedTrap
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZEventReason
Description	Triggered when the SmartZone receives a message from the AP that it has failed to update it's configuration. The event severity, event code, event type, node MAC address, management IP address and failure reason are displayed.
Generated by Event Code	1009:cfgRcvFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLostCnxnToDbladeTrap

**Table 1.** ruckusSZLostCnxnToDbladeTrap

Object Name	ruckusSZLostCnxnToDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.309
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIp ruckusSZEventMacAddr

Object Name	ruckusSZLostCnxnToDbladeTrap
	ruckusSZEventNodeMgmtIp
Description	Triggered by lost connection to data plane. The event severity, event code, event type, SZ control IP address, DP IP address, node MAC address and management IP address are displayed.
Generated by Event Code	1202:lostCnxnToDblade
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZConnectedToDbladeTrap</a> (.1.3.6.1.4.1.25053.2.11.1.350)
Cleared by Matching	:ruckusSZEventCtrlIP (.1.3.6.1.4.1.25053.2.11.2.12.0) ruckusSZDPIP (.1.3.6.1.4.1.25053.2.11.2.82.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAuthSrvrNotReachableTrap

**Table 1.** ruckusSZAuthSrvrNotReachableTrap

Object Name	ruckusSZAuthSrvrNotReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.314
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZAuthSrvrIp ruckusSZRadProxyIp ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp

Object Name	ruckusSZAuthSrvrNotReachableTrap
Description	Triggered by authentication server not reachable event. The event severity, event code, event type, authentication server IP address, radius proxy IP address, node MAC address and management IP address are displayed.
Generated by Event Code	1601:authSrvrNotReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAccSrvrNotReachableTrap

**Table 1.** ruckusSZAccSrvrNotReachableTrap

Object Name	ruckusSZAccSrvrNotReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.315
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZAccSrvrIp ruckusSZRadProxyIp ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by accounting server not reachable event. The event severity, event code, event type, accounting server IP address, radius proxy IP address, node MAC address and management IP address are displayed.
Generated by Event Code	1602:accSrvrNotReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAuthFailedNonPermanentIDTrap

**Table 1.** ruckusSZAuthFailedNonPermanentIDTrap

Object Name	ruckusSZAuthFailedNonPermanentIDTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.317
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZUEImsi ruckusSZUEMsisdn ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp ruckusSZEventReason
Description	Triggered by non-permanent ID authentication failed event. The event severity, event code, event type, UE imsi, UE msisdn, node MAC address, management IP address and failure reason are displayed.
Generated by Event Code	1617:non-permanentIDauthenticationfailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPAcctRespWhileInvalidConfigTrap

**Table 1.** ruckusSZAPAcctRespWhileInvalidConfigTrap

Object Name	ruckusSZAPAcctRespWhileInvalidConfigTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.347
Trap Severity	Debug
Bindings	ruckusSCGEventSeverity

Object Name	ruckusSZAPAcctRespWhileInvalidConfigTrap
	ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGUserName ruckusSCGEventMacAddr ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	<p>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.</p> <p>The event severity, event type, source process name, user name, controller node MAC IP address, management IP address and event are displayed.</p>
Generated by Event Code	1909:apAcctRespWhileInvalidConfig

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPAcctMsgDropNoAcctStartMsgTrap

**Table 1.** ruckusSZAPAcctMsgDropNoAcctStartMsgTrap

Object Name	ruckusSZAPAcctMsgDropNoAcctStartMsgTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.348
Trap Severity	Critical
Bindings	ruckusSCGEventSeverity ruckusSCGEventType ruckusSCGSrcProcess ruckusSCGUserName ruckusSCGEventMacAddr

Object Name	ruckusSZAPAcctMsgDropNoAcctStartMsgTrap
	ruckusSCGEventNodeMgmtIp ruckusSCGEventCode
Description	<p>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.</p> <p>The event severity, event type, source process name, user name, controller node MAC IP address, management IP address and event are displayed.</p>
Generated by Event Code	1910:apAcctMsgDropNoAcctStartMsg

Parent topic: [Ruckus Event Trap](#)

## ruckusSZUnauthorizedCoaDmMessageDroppedTrap

**Table 1.** ruckusSZUnauthorizedCoaDmMessageDroppedTrap

Object Name	ruckusSZUnauthorizedCoaDmMessageDroppedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.349
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSrcProcess ruckusSZRadSrvrIp ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by the event where the controller receives COA/DM from an unauthorized AAA server. The event

Object Name	ruckusSZUnauthorizedCoaDmMessageDroppedTrap
	severity, event code, event type, source process name, AAA server IP address, node MAC address and management IP address are displayed.
Generated by Event Code	1911:unauthorizedCoaDmMessageDropped

Parent topic: [Ruckus Event Trap](#)


## ruckusSZConnectedToDbladeTrap

**Table 1.** ruckusSZConnectedToDbladeTrap

Object Name	ruckusSZConnectedToDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.350
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIP ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by successful connection to data plane event. The event severity, event code, event type, control plane IP address, data plane IP address, node MAC address, and management IP address are displayed.
Generated by Event Code	1201:connectedToDblade

Parent topic: [Ruckus Event Trap](#)

# ruckusSZSessUpdatedAtDbladeTrap

 **Note:** This trap is not applicable for vSZ-E.

**Table 1.** ruckusSZSessUpdatedAtDbladeTrap

Object Name	ruckusSZSessUpdatedAtDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.354
Trap Severity	Debug
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIP ruckusSZUEImsi ruckusSZUEMsisdn ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by successful update of session request (C-D-SESS-UPD-REQ) event. The event severity, event code, event type, control IP address, data plane IP address, IMSI code, MSIDN code and management IP address are displayed.
Generated by Event Code	1205:sessUpdatedAtDblade

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSessUpdateErrAtDbladeTrap

**Table 1.** ruckusSZSessUpdateErrAtDbladeTrap

Object Name	ruckusSZSessUpdateErrAtDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.355
Trap Severity	Debug
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIP ruckusSZUEImsi ruckusSZUEMsisdn ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by failed deletion of session request (C-D-SESS-DEL-REQ) event. The event severity, event code, event type, control IP address, data plane IP address, IMSI code, MSIDN code and management IP address are displayed.
Generated by Event Code	1206:sessUpdateErrAtDblade

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSessDeletedAtDbladeTrap

**Table 1.** ruckusSZSessDeletedAtDbladeTrap

Object Name	ruckusSZSessDeletedAtDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.356

Object Name	ruckusSZSessDeletedAtDbladeTrap
Trap Severity	Debug
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIP ruckusSZUEImsi ruckusSZUEMsisdn ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by successful deletion of session request (C-D-SESS-DEL-REQ) event. The event severity, event code, event type, control IP address, data plane IP address, IMSI code, MSIDN code and management IP address are displayed.
Generated by Event Code	1207:sessDeletedAtDblade

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSessDeleteErrAtDbladeTrap

**Table 1.** ruckusSZSessDeleteErrAtDbladeTrap

Object Name	ruckusSZSessDeleteErrAtDbladeTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.357
Trap Severity	Debug
Bindings	ruckusSZEventSeverity ruckusSZEventCode

Object Name	ruckusSZSessDeleteErrAtDbladeTrap
	ruckusSZEventType ruckusSZEventCtrlIP ruckusSZDPIP ruckusSZUEImsi ruckusSZUEMsisdn ruckusSZEventMacAddr ruckusSZEventNodeMgmtIp
Description	Triggered by deletion of session request (C-D-SESS-DEL-REQ) failed event. The event severity, event code, event type, control IP address, data plane IP address, IMSI code, MSIDN code and management IP address are displayed.
Generated by Event Code	1208:sessDeleteErrAtDblade

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLicenseSyncSuccessTrap

**Table 1.** ruckusSZLicenseSyncSuccessTrap

Object Name	ruckusSZLicenseSyncSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.358
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZLicenseServerName

Object Name	ruckusSZLicenseSyncSuccessTrap
Description	Triggered by successful synchronization of license data with the license server event. The event severity, event code, event type, node name and license server name are displayed.
Generated by Event Code	1250:licenseSyncSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLicenseSyncFailedTrap

**Table 1.** ruckusSZLicenseSyncFailedTrap

Object Name	ruckusSZLicenseSyncFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.359
Trap Severity	Warning
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName ruckusSZLicenseServerName
Description	Triggered by synchronization of license data with the license server failed event. The event severity, event code, event type, node name and license server name are displayed.
Generated by Event Code	1251:licenseSyncFail

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLicenseImportSuccessTrap

**Table 1.** ruckusSZLicenseImportSuccessTrap

Object Name	ruckusSZLicenseImportSuccessTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.360
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName
Description	Triggered by successful import of license data event. The event severity, event code, event type and node name are displayed.
Generated by Event Code	1252:licenseImportSuccess

Parent topic: [Ruckus Event Trap](#)

## ruckusSZLicenseImportFailedTrap

**Table 1.** ruckusSZLicenseImportFailedTrap

Object Name	ruckusSZLicenseImportFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.361
Trap Severity	Warning
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventNodeName

Object Name	ruckusSZLicenseImportFailedTrap
Description	Triggered by import of license data failed event. The event severity, event code, event type and node name are displayed.
Generated by Event Code	1253:licenseImportFail

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSyslogServerReachableTrap

**Table 1.** ruckusSZSyslogServerReachableTrap

Object Name	ruckusSZSyslogServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.370
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSyslogServerAddress ruckusSZEventMacAddr
Description	Triggered by the event when the syslog server is reachable. The event severity, event code, event type, syslog server address and event MAC address are displayed.
Generated by Event Code	750:syslogServerReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSyslogServerUnreachableTrap

**Table 1.** ruckusSZSyslogServerUnreachableTrap

Object Name	ruckusSZSyslogServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.371
Trap Severity	Major
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSyslogServerAddress ruckusSZEventMacAddr
Description	Triggered by the event when the syslog server is unreachable. The event severity, event code, event type, syslog server address and event MAC address are displayed.
Generated by Event Code	751:syslogServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZSyslogServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.370)
Cleared by Matching	ruckusSZSyslogServerAddress (.1.3.6.1.4.1.25053.2.11.2.154.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZSyslogServerSwitchedTrap

**Table 1.** ruckusSZSyslogServerSwitchedTrap

Object Name	ruckusSZSyslogServerSwitchedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.372

Object Name	ruckusSZSyslogServerSwitchedTrap
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZSrcSyslogServerAddress ruckusSZDestSyslogServerAddress ruckusSZEventMacAddr
Description	Triggered by the event when the syslog server is switched. The event severity, event code, event type, syslog server source and destination address and event MAC address are displayed.
Generated by Event Code	752:syslogServerSwitched

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPRadiusServerReachableTrap

**Table 1.** ruckusSZAPRadiusServerReachableTrap

Object Name	ruckusSZAPRadiusServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.400
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr

Object Name	ruckusSZAPRadiusServerReachableTrap
	ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZRadSrvrIp ruckusSZEvtAPIPv6
Description	Triggered by the event when AP is able to reach the radius server successfully. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, zone name, server IP address and AP IPv6 address are displayed.
Generated by Event Code	2101:radiusServerReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPRadiusServerUnreachableTrap

**Table 1.** ruckusSZAPRadiusServerUnreachableTrap

Object Name	ruckusSZAPRadiusServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.401
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP

Object Name	ruckusSZAPRadiusServerUnreachableTrap
	ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZRadSrvrIp ruckusSZEventAPIPv6
Description	Triggered by the event when AP fails to reach the radius server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, server IP address and AP IPv6 address are displayed
Generated by Event Code	2102:radiusServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPRadiusServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.400)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0) ruckusSZRadSrvrIp (.1.3.6.1.4.1.25053.2.11.2.312.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPLDAPServerReachableTrap

**Table 1.** ruckusSZAPLDAPServerReachableTrap

Object Name	ruckusSZAPLDAPServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.402
Trap Severity	Informational
Bindings	ruckusSZEventSeverity

Object Name	ruckusSZAPLDAPServerReachableTrap
	ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZLDAPSrvrIp ruckusSZEvtAPIPv6
Description	Triggered by the event when AP is able to reach the lightweight directory access protocol (LDAP) server successfully. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, server IP address and AP IPv6 address are displayed
Generated by Event Code	2121:ldapServerReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPLDAPServerUnreachableTrap

**Table 1.** ruckusSZAPLDAPServerUnreachableTrap

Object Name	ruckusSZAPLDAPServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.403
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode

Object Name	<b>ruckusSZAPLDAPServerUnreachableTrap</b>
	ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZLDAPSrvrIp ruckusSZEvtAPIPv6
Description	Triggered by the event when AP fails to reach the lightweight directory access protocol (LDAP) server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, server IP address and AP IPv6 address are display.
Generated by Event Code	2122:ldapServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPLDAPServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.402)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)  ruckusSZLDAPSrvrIp (.1.3.6.1.4.1.25053.2.11.2.327.0)

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPADServerReachableTrap

**Table 1.** ruckusSZAPADServerReachableTrap

Object Name	ruckusSZAPADServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.404
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZADSrvrIp ruckusSZEventAPIPv6
Description	Triggered by the event when AP is able to reach the active directory successfully. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, server IP address and AP IPv6 address are displayed.
Generated by Event Code	2141:adServerReachable

Parent topic: [Ruckus Event Trap](#)

# ruckusSZAPADServerUnreachableTrap

**Table 1.** ruckusSZAPADServerUnreachableTrap

Object Name	ruckusSCGAPADServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.405
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZADSrvrIp ruckusSZEvtAPIPv6
Description	Triggered by the event when AP fails to reach AD server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, AD server IP address and AP IPv6 address are displayed.
Generated by Event Code	2142:adServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZAPADServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.404)
Cleared by Matching	ruckusSZEvtAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Object Name	ruckusSCGAPADServerUnreachableTrap
	ruckusSZADSrtrlp (.1.3.6.1.4.1.25053.2.11.2.328.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPUsbSoftwarePackageDownloadedTrap

**Table 1.** ruckusSZAPUsbSoftwarePackageDownloadedTrap

Object Name	ruckusSZAPUsbSoftwarePackageDownloadedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.406
Trap Severity	Informational
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZEventAPName ruckusSZEventAPMacAddr ruckusSZEventAPIP ruckusSZEventAPLocation ruckusSZEventAPDescription ruckusSZEventAPGPSCoordinates ruckusSZSoftwareName ruckusSZEventAPIPv6
Description	Triggered by the event when AP successfully downloads its USB (Universal Serial Bus) software. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, software name and AP IPv6 address are displayed.

Object Name	ruckusSZAPUsbSoftwarePackageDownloadedTrap
Generated by Event Code	370:apUsbSoftwarePackageDownloaded

Parent topic: [Ruckus Event Trap](#)

## ruckusSZAPUsbSoftwarePackageDownloadFailedTrap

**Table 1.** ruckusSZAPUsbSoftwarePackageDownloadFailedTrap

Object Name	ruckusSZAPUsbSoftwarePackageDownloadFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.407
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZSoftwareName ruckusSZEvtAPIPv6
Description	Triggered by the event when AP fails to download its USB (Universal Serial Bus) software. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, software name and AP IPv6 address are displayed.

Object Name	ruckusSZAPUsbSoftwarePackageDownloadFailedTrap
Generated by Event Code	371:apUsbSoftwarePackageDownloadFailed

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspAuthServerReachableTrap

**Table 1.** ruckusSZEspAuthServerReachableTrap

Object Name	ruckusSZEspAuthServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.408
Trap Severity	Informational
Bindings	ruckusSZEspAuthServerReachableTrapSeverity ruckusSZEspAuthServerReachableTrapEventCode ruckusSZEspAuthServerReachableTrapEventType ruckusSZEspAuthServerReachableTrapAPName ruckusSZEspAuthServerReachableTrapAPMacAddr ruckusSZEspAuthServerReachableTrapAPIP ruckusSZEspAuthServerReachableTrapAPLocation ruckusSZEspAuthServerReachableTrapAPDescription ruckusSZEspAuthServerReachableTrapAPGPSCoordinates ruckusSZEspAuthServerReachableTrapAuthSrvIp ruckusSZEspAuthServerReachableTrapAPIPv6
Description	Triggered by the event when AP successfully reaches WeChat ESP authentication server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, authentication server IP address and AP IPv6 address are displayed.

Object Name	ruckusSZEspAuthServerReachableTrap
Generated by Event Code	2151:espAuthServerReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspAuthServerUnreachableTrap

**Table 1.** ruckusSZEspAuthServerUnreachableTrap

Object Name	ruckusSZEspAuthServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.409
Trap Severity	Informational
Bindings	ruckusSZEspAuthServerUnreachableTrapSeverity ruckusSZEspAuthServerUnreachableTrapEventCode ruckusSZEspAuthServerUnreachableTrapEventType ruckusSZEspAuthServerUnreachableTrapAPName ruckusSZEspAuthServerUnreachableTrapAPMacAddr ruckusSZEspAuthServerUnreachableTrapAPIP ruckusSZEspAuthServerUnreachableTrapAPLocation ruckusSZEspAuthServerUnreachableTrapAPDescription ruckusSZEspAuthServerUnreachableTrapAPGPSCoordinates ruckusSZEspAuthServerUnreachableTrapAuthSrvrIp ruckusSZEspAuthServerUnreachableTrapAPIPv6
Description	Triggered by the event when AP fails to reach WeChat ESP authentication server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, authentication server IP address and AP IPv6 address are displayed.
Generated by Event Code	2152:espAuthServerUnreachable

Object Name	ruckusSZEspAuthServerUnreachableTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZEspAuthServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.408)
Cleared by Matching	ruckusSZEspAuthServerMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspAuthServerResolvableTrap

**Table 1.** ruckusSZEspAuthServerResolvableTrap

Object Name	ruckusSZEspAuthServerResolvableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.410
Trap Severity	Informational
Bindings	ruckusSZEspAuthServerSeverity ruckusSZEspAuthServerCode ruckusSZEspAuthServerType ruckusSZEspAuthServerAPName ruckusSZEspAuthServerMacAddr ruckusSZEspAuthServerAPIP ruckusSZEspAuthServerAPLocation ruckusSZEspAuthServerAPDescription ruckusSZEspAuthServerAPGPSCoordinates ruckusSZEspAuthServerDomainName ruckusSZEspAuthServerAPIIPv6
Description	Triggered by the event when AP successfully resolves WeChat ESP authentication server domain name. The event severity, event code, event type, AP name,

Object Name	ruckusSZEspAuthServerResolvableTrap
	AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, domain name and AP IPv6 address are displayed.
Generated by Event Code	2153:espAuthServerResolvable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspAuthServerUnResolvableTrap

**Table 1.** ruckusSZEspAuthServerUnResolvableTrap

Object Name	ruckusSZEspAuthServerUnResolvableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.411
Trap Severity	Major
Bindings	ruckusSZEspAuthServerUnResolvableTrapSeverity ruckusSZEspAuthServerUnResolvableTrapEventCode ruckusSZEspAuthServerUnResolvableTrapEventType ruckusSZEspAuthServerUnResolvableTrapAPName ruckusSZEspAuthServerUnResolvableTrapAPMacAddr ruckusSZEspAuthServerUnResolvableTrapAPIP ruckusSZEspAuthServerUnResolvableTrapAPLocation ruckusSZEspAuthServerUnResolvableTrapAPDescription ruckusSZEspAuthServerUnResolvableTrapAPGPSCoordinates ruckusSZDomainName ruckusSZEspAuthServerUnResolvableTrapAPIPv6
Description	Triggered by the event when AP fails to resolve WeChat ESP authentication server domain name. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP

Object Name	ruckusSZEspAuthServerUnResolvableTrap
	description, AP GPS coordinates, domain name and AP IPv6 address are displayed.
Generated by Event Code	2154:espAuthServerUnResolvable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZEspAuthServerResolvableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.410)
Cleared by Matching	ruckusSZEspAuthServerUnResolvableTrap (.1.3.6.1.4.1.25053.2.11.2.23.0)

**Parent topic:** [Ruckus Event Trap](#)

# ruckusSZEspDNATServerReachableTrap

**Table 1.** ruckusSZEspDNATServerReachableTrap

Object Name	ruckusSZEspDNATServerReachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.412
Trap Severity	Informational
Bindings	ruckusSZEeventSeverity ruckusSZEeventCode ruckusSZEeventType ruckusSZEeventAPName ruckusSZEeventAPMacAddr ruckusSZEeventAPIP ruckusSZEeventAPLocation ruckusSZEeventAPDescription ruckusSZEeventAPGPSCoordinates ruckusSZDNATIp

Object Name	ruckusSZEspDNATServerReachableTrap
	ruckusSZEspAPIv6
Description	Triggered by the event when AP successfully reaches WeChat ESP DNAT server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, DNAT server IP address and AP IPv6 address are displayed.
Generated by Event Code	2161:espDNATServerReachable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspDNATServerUnreachableTrap

**Table 1.** ruckusSZEspDNATServerUnreachableTrap

Object Name	ruckusSZEspDNATServerUnreachableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.413
Trap Severity	Major
Bindings	ruckusSZEspSeverity ruckusSZEspCode ruckusSZEspType ruckusSZEspAPName ruckusSZEspAPMacAddr ruckusSZEspAPIP ruckusSZEspAPLocation ruckusSZEspAPDescription ruckusSZEspAPGPSCoordinates ruckusSZDNATIp ruckusSZEspAPIv6

Object Name	ruckusSZEspDNATServerUnreachableTrap
Description	Triggered by the event when AP fails to reach WeChat ESP DNAT server. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, DNAT server IP address and AP IPv6 address are displayed.
Generated by Event Code	2162:espDNATServerUnreachable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZEspDNATServerReachableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.412)
Cleared by Matching	ruckusSZEspDNATServerMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspDNATServerResolvableTrap

**Table 1.** ruckusSZEspDNATServerResolvableTrap

Object Name	ruckusSZEspDNATServerResolvableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.414
Trap Severity	Informational
Bindings	ruckusSZEspDNATServerSeverity ruckusSZEspDNATServerEventCode ruckusSZEspDNATServerEventType ruckusSZEspDNATServerAPName ruckusSZEspDNATServerAPMacAddr ruckusSZEspDNATServerAPIP ruckusSZEspDNATServerAPLocation ruckusSZEspDNATServerAPDescription

Object Name	ruckusSZEspDNATServerResolvableTrap
	ruckusSZEspDNATServerResolvableTrapCoordinates ruckusSZEspDNATServerResolvableTrapDomainName ruckusSZEspDNATServerResolvableTrapAPIv6
Description	Triggered by the event when AP successfully resolves WeChat ESP DNAT server domain name The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, domain name and AP IPv6 address are displayed.
Generated by Event Code	2163:espDNATServerResolvable

Parent topic: [Ruckus Event Trap](#)

## ruckusSZEspDNATServerUnresolvableTrap

**Table 1.** ruckusSZEspDNATServerUnresolvableTrap

Object Name	ruckusSZEspDNATServerUnresolvableTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.415
Trap Severity	Major
Bindings	ruckusSZEspDNATServerUnresolvableTrapSeverity ruckusSZEspDNATServerUnresolvableTrapCode ruckusSZEspDNATServerUnresolvableTrapType ruckusSZEspDNATServerUnresolvableTrapAPName ruckusSZEspDNATServerUnresolvableTrapAPMacAddr ruckusSZEspDNATServerUnresolvableTrapAPIP ruckusSZEspDNATServerUnresolvableTrapAPLocation ruckusSZEspDNATServerUnresolvableTrapAPDescription ruckusSZEspDNATServerUnresolvableTrapAPGPSCoordinates

Object Name	ruckusSZEspDNATServerUnresolvableTrap
	ruckusSZDomainName ruckusSZEventAPIv6
Description	Triggered by the event AP fails to resolve WeChat ESP DNAT server domain name. The event severity, event code, event type, AP name, AP MAC address, AP IP address, AP location, AP description, AP GPS coordinates, domain name and AP IPv6 address are displayed.
Generated by Event Code	2164:espDNATServerUnresolvable
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZEspDNATServerResolvableTrap</a> (.1.3.6.1.4.1.25053.2.11.1.414)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## ruckusRateLimitTORSurpassedTrap

**Table 1.** ruckusRateLimitTORSurpassedTrap

Object Name	ruckusRateLimitTORSurpassedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.500
Trap Severity	Critical
Bindings	ruckusSZEventSeverity ruckusSZEventCode ruckusSZEventType ruckusSZRadSrvrIp

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

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIPSecTunnelAssociatedTrap

**Table 1.** ruckusSZIPSecTunnelAssociatedTrap

Object Name	ruckusSZIPSecTunnelAssociatedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.600
Trap Severity	Informational
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZIPSecGWAddress ruckusSZEvtAPIPv6
Description	Triggered by the event where the AP is able to reach the secure gateway successfully. The event severity, event code, event type, AP name, MAC address, IP

Object Name	ruckusSZIPSecTunnelAssociatedTrap
	address, location, description, GPS coordinates, IPsec gateway address and IPv6 version are displayed.
Generated by Event Code	660:ipsecTunnelAssociated

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIPSecTunnelDisassociatedTrap

**Table 1.** ruckusSZIPSecTunnelDisassociatedTrap

Object Name	ruckusSZIPSecTunnelDisassociatedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.601
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZIPSecGWAddress ruckusSZEvtAPIPv6
Description	Triggered by the event where the AP is disconnected from the secure gateway. The event severity, event code, event type, AP name, MAC address, IP address, location, description, GPS coordinates, IPsec gateway address and IPv6 version are displayed.

Object Name	ruckusSZIPSecTunnelDisassociatedTrap
Generated by Event Code	661:ipsecTunnelDisassociated

Parent topic: [Ruckus Event Trap](#)

## ruckusSZIPSecTunnelAssociateFailedTrap

**Table 1.** ruckusSZIPSecTunnelAssociateFailedTrap

Object Name	ruckusSZIPSecTunnelAssociateFailedTrap
Object Identifier	.1.3.6.1.4.1.25053.2.11.1.602
Trap Severity	Major
Bindings	ruckusSZEvtSeverity ruckusSZEvtCode ruckusSZEvtType ruckusSZEvtAPName ruckusSZEvtAPMacAddr ruckusSZEvtAPIP ruckusSZEvtAPLocation ruckusSZEvtAPDescription ruckusSZEvtAPGPSCoordinates ruckusSZIPSecGWAddress ruckusSZEvtAPIPv6
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, IPsec gateway address, and IPv6 version are displayed.
Generated by Event Code	662:ipsecTunnelAssociateFailed

Object Name	ruckusSZIPSecTunnelAssociateFailedTrap
Cleared by SNMP Trap	This SNMP trap is cleared by <a href="#">ruckusSZIPSecTunnelAssociatedTrap</a> (.1.3.6.1.4.1.25053.2.11.1.600)
Cleared by Matching	ruckusSZEventAPMacAddr (.1.3.6.1.4.1.25053.2.11.2.23.0)

Parent topic: [Ruckus Event Trap](#)

## Ruckus Event Object

The objects contained in the RUCKUS-SZ-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="#">ruckusSZEventDescription</a>	.1.3.6.1.4.1.25053.2.11.2.1
<a href="#">ruckusSZClusterName</a>	.1.3.6.1.4.1.25053.2.11.2.2
<a href="#">ruckusSZEventCode</a>	.1.3.6.1.4.1.25053.2.11.2.10
<a href="#">ruckusSZProcessName</a>	.1.3.6.1.4.1.25053.2.11.2.11
<a href="#">ruckusSZEventCtrlIP</a>	.1.3.6.1.4.1.25053.2.11.2.12
<a href="#">ruckusSZEventSeverity</a>	.1.3.6.1.4.1.25053.2.11.2.13
<a href="#">ruckusSZEventType</a>	.1.3.6.1.4.1.25053.2.11.2.14
<a href="#">ruckusSZEventNodeMgmtIp</a>	.1.3.6.1.4.1.25053.2.11.2.15
<a href="#">ruckusSZEventNodeName</a>	.1.3.6.1.4.1.25053.2.11.2.16
<a href="#">ruckusSZCPUPerc</a>	.1.3.6.1.4.1.25053.2.11.2.17

Event Object	Object Identifier
ruckusSZMemoryPerc	.1.3.6.1.4.1.25053.2.11.2.18
ruckusSZDiskPerc	.1.3.6.1.4.1.25053.2.11.2.19
ruckusSZEventMacAddr	.1.3.6.1.4.1.25053.2.11.2.20
ruckusSZEventFirmwareVersion	.1.3.6.1.4.1.25053.2.11.2.21
ruckusSZEventUpgradedFirmwareVersion	.1.3.6.1.4.1.25053.2.11.2.22
ruckusSZEventAPMacAddr	.1.3.6.1.4.1.25053.2.11.2.23
ruckusSZEventReason	.1.3.6.1.4.1.25053.2.11.2.24
ruckusSZEventAPName	.1.3.6.1.4.1.25053.2.11.2.25
ruckusSZEventAPIP	.1.3.6.1.4.1.25053.2.11.2.26
ruckusSZEventAPLocation	.1.3.6.1.4.1.25053.2.11.2.27
ruckusSZEventAPGPSCoordinates	.1.3.6.1.4.1.25053.2.11.2.28
ruckusSZEventAPDescription	.1.3.6.1.4.1.25053.2.11.2.29
ruckusSZAPModel	.1.3.6.1.4.1.25053.2.11.2.31
ruckusSZConfigAPModel	.1.3.6.1.4.1.25053.2.11.2.32
ruckusSZAPConfigID	.1.3.6.1.4.1.25053.2.11.2.33
ruckusSZEventAPIIPv6	.1.3.6.1.4.1.25053.2.11.2.35
ruckusSZLBSURL	.1.3.6.1.4.1.25053.2.11.2.38
ruckusSZLBSPort	.1.3.6.1.4.1.25053.2.11.2.39

Event Object	Object Identifier
ruckusSZEventSSID	.1.3.6.1.4.1.25053.2.11.2.40
ruckusSZEventRogueMac	.1.3.6.1.4.1.25053.2.11.2.45
ruckusPrimaryGRE	.1.3.6.1.4.1.25053.2.11.2.46
ruckusSecondaryGRE	.1.3.6.1.4.1.25053.2.11.2.47
ruckusSoftGREGatewayList	.1.3.6.1.4.1.25053.2.11.2.48
ruckusSZSoftGREGWAddress	.1.3.6.1.4.1.25053.2.11.2.49
ruckusSZEventClientMacAddr	.1.3.6.1.4.1.25053.2.11.2.50
ruckusSZDPKey	.1.3.6.1.4.1.25053.2.11.2.80
ruckusSZDPConfigID	.1.3.6.1.4.1.25053.2.11.2.81
ruckusSZDPIP	.1.3.6.1.4.1.25053.2.11.2.82
ruckusSZNetworkPortID	.1.3.6.1.4.1.25053.2.11.2.100
ruckusSZNetworkInterface	.1.3.6.1.4.1.25053.2.11.2.101
ruckusSZSwitchStatus	.1.3.6.1.4.1.25053.2.11.2.102
ruckusSZTemperatureStatus	.1.3.6.1.4.1.25053.2.11.2.120
ruckusSZProcessorId	.1.3.6.1.4.1.25053.2.11.2.121
ruckusSZFanId	.1.3.6.1.4.1.25053.2.11.2.122
ruckusSZFanStatus	.1.3.6.1.4.1.25053.2.11.2.123
ruckusSZLicenseType	.1.3.6.1.4.1.25053.2.11.2.150

Event Object	Object Identifier
ruckusSZLicenseUsagePerc	.1.3.6.1.4.1.25053.2.11.2.151
ruckusSZLicenseServerName	.1.3.6.1.4.1.25053.2.11.2.152
ruckusSZIPSecGWAddress	.1.3.6.1.4.1.25053.2.11.2.153
ruckusSZSyslogServerAddress	.1.3.6.1.4.1.25053.2.11.2.154
ruckusSZSrcSyslogServerAddress	.1.3.6.1.4.1.25053.2.11.2.155
ruckusSZDestSyslogServerAddress	.1.3.6.1.4.1.25053.2.11.2.156
ruckusSZFtpIp	.1.3.6.1.4.1.25053.2.11.2.200
ruckusSZFtpPort	.1.3.6.1.4.1.25053.2.11.2.201
ruckusSZUEImSi	.1.3.6.1.4.1.25053.2.11.2.305
ruckusSZUEMsisdn	.1.3.6.1.4.1.25053.2.11.2.306
ruckusSZAuthSrvrIp	.1.3.6.1.4.1.25053.2.11.2.307
ruckusSZRadProxyIp	.1.3.6.1.4.1.25053.2.11.2.308
ruckusSZAccSrvrIp	.1.3.6.1.4.1.25053.2.11.2.309
ruckusSZRadSrvrIp	.1.3.6.1.4.1.25053.2.11.2.312
ruckusSZUserName	.1.3.6.1.4.1.25053.2.11.2.324
ruckusSZFileName	.1.3.6.1.4.1.25053.2.11.2.326
ruckusSZLDAPSrvrIp	.1.3.6.1.4.1.25053.2.11.2.327
ruckusSZADSrvrIp	.1.3.6.1.4.1.25053.2.11.2.328

Event Object	Object Identifier
<a href="#">ruckusSZSoftwareName</a>	.1.3.6.1.4.1.25053.2.11.2.329
<a href="#">ruckusSZDomainName</a>	.1.3.6.1.4.1.25053.2.11.2.330
<a href="#">rruckusSZDNATIp</a>	.1.3.6.1.4.1.25053.2.11.2.331

Parent topic: [Ruckus Event MIB](#)

## ruckusSZEventDescription

Table 1. ruckusSZEventDescription

Object Name	ruckusSZEventDescription
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.1
Description	Event description.

Parent topic: [Ruckus Event Object](#)

## ruckusSZClusterName

Table 1. ruckusSZClusterName

Object Name	ruckusSZClusterName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.2
Description	The SmartZone cluster name

Parent topic: [Ruckus Event Object](#)

## ruckusSZEventCode

**Table 1.** ruckusSZEventCode

Object Name	ruckusSZEventCode
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.10
Description	The event code

Parent topic: [Ruckus Event Object](#)

## ruckusSZProcessName

**Table 1.** ruckusSZProcessName

Object Name	ruckusSZProcessName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.11
Description	The process name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEventCtrlIP

**Table 1.** ruckusSZEventCtrlIP

Object Name	ruckusSZEventCtrlIP
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.12
Description	The SmartZone node control IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEvtSeverity

**Table 1.** ruckusSZEvtSeverity

Object Name	ruckusSZEvtSeverity
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.13
Description	The event severity.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEvtType

**Table 1.** ruckusSZEvtType

Object Name	ruckusSZEvtType
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.14
Description	The event type.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEvtNodeMgmtIp

**Table 1.** ruckusSZEvtNodeMgmtIp

Object Name	ruckusSZEvtNodeMgmtIp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.15
Description	The SmartZone management IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEventNodeName

**Table 1.** ruckusSZEventNodeName

Object Name	ruckusSZEventNodeName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.16
Description	The SmartZone node name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZCPUPerc

**Table 1.** ruckusSZCPUPerc

Object Name	ruckusSZCPUPerc
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.17
Description	The SmartZone CPU usage in percentage.

Parent topic: [Ruckus Event Object](#)

## ruckusSZMemoryPerc

**Table 1.** ruckusSZMemoryPerc

Object Name	ruckusSZMemoryPerc
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.18
Description	The SmartZone memory usage in percentage.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDiskPerc

**Table 1.** ruckusSZDiskPerc

Object Name	ruckusSZDiskPerc
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.19
Description	The SmartZone disk usage in percentage.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEvtMacAddr

**Table 1.** ruckusSZEvtMacAddr

Object Name	ruckusSZEvtMacAddr
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.20
Description	The SmartZone MAC address

Parent topic: [Ruckus Event Object](#)

## ruckusSZEvtFirmwareVersion

**Table 1.** ruckusSZEvtFirmwareVersion

Object Name	ruckusSZEvtFirmwareVersion
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.21
Description	The SmartZone firmware version.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventUpgradedFirmwareVersion

**Table 1.** ruckusSZEEventUpgradedFirmwareVersion

Object Name	ruckusSZEEventUpgradedFirmwareVersion
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.22
Description	Controller upgrade firmware version.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPMacAddr

**Table 1.** ruckusSZEEventAPMacAddr

Object Name	ruckusSZEEventAPMacAddr
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.23
Description	The AP MAC address

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventReason

**Table 1.** ruckusSZEEventReason

Object Name	ruckusSZEEventReason
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.24
Description	The event reason.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPName

**Table 1.** ruckusSZEEventAPName

Object Name	ruckusSZEEventAPName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.25
Description	The AP name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPIP

**Table 1.** ruckusSZEEventAPIP

Object Name	ruckusSZEEventAPIP
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.26
Description	The AP IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPLocation

**Table 1.** ruckusSZEEventAPLocation

Object Name	ruckusSZEEventAPLocation
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.27
Description	The AP location.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPGPSCoordinates

**Table 1.** ruckusSZEEventAPGPSCoordinates

Object Name	ruckusSZEEventAPGPSCoordinates
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.28
Description	The AP GPS coordinates.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPDescription

**Table 1.** ruckusSZEEventAPDescription

Object Name	ruckusSZEEventAPDescription
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.29
Description	The AP description

Parent topic: [Ruckus Event Object](#)

## ruckusSZAPModel

**Table 1.** ruckusSZAPModel

Object Name	ruckusSZAPModel
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.31
Description	The AP model.

Parent topic: [Ruckus Event Object](#)

## ruckusSZConfigAPModel

**Table 1.** ruckusSZConfigAPModel

Object Name	ruckusSZConfigAPModel
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.32
Description	The configured AP model.

Parent topic: [Ruckus Event Object](#)

## ruckusSZAPConfigID

**Table 1.** ruckusSZAPConfigID

Object Name	ruckusSZAPConfigID
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.33
Description	The AP configuration UUID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEEventAPIIPv6

**Table 1.** ruckusSZEEventAPIIPv6

Object Name	ruckusSZEEventAPIIPv6
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.35
Description	The AP IPv6 address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZLBSURL

**Table 1.** ruckusSZLBSURL

Object Name	ruckusSZLBSURL
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.38
Description	URL of the LBS server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZLBSPort

**Table 1.** ruckusSZLBSPort

Object Name	ruckusSZLBSPort
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.39
Description	Port of the LBS server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEeventSSID

**Table 1.** ruckusSZEeventSSID

Object Name	ruckusSZEeventSSID
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.40
Description	The WLAN SSID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZEeventRogueMac

**Table 1.** ruckusSZEeventRogueMac

Object Name	ruckusSZEeventRogueMac
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.45
Description	The rouge MAC address.

Parent topic: [Ruckus Event Object](#)

## ruckusPrimaryGRE

**Table 1.** ruckusPrimaryGRE

Object Name	ruckusPrimaryGRE
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.46
Description	The primary GRE gateway.

Parent topic: [Ruckus Event Object](#)

## ruckusSecondaryGRE

**Table 1.** ruckusSecondaryGRE

Object Name	ruckusSecondaryGRE
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.47
Description	The secondary GRE gateway.

Parent topic: [Ruckus Event Object](#)

## ruckusSoftGREGatewayList

**Table 1.** ruckusSoftGREGatewayList

Object Name	ruckusSoftGREGatewayList
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.48
Description	The SoftGRE gateway list. It could either be the IP address or FQDN and must have only two IPs or DN, which is separated by a semicolon (;)

Parent topic: [Ruckus Event Object](#)

## ruckusSZSoftGREGWAddress

**Table 1.** ruckusSZSoftGREGWAddress

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

Parent topic: [Ruckus Event Object](#)

## ruckusSZEClientMacAddr

**Table 1.** ruckusSZEClientMacAddr

Object Name	ruckusSZEClientMacAddr
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.50
Description	The client MAC address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDPKey

**Table 1.** ruckusSZDPKey

Object Name	ruckusSZDPKey
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.80
Description	The data plane identifier.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDPConfigID

**Table 1.** ruckusSZDPConfigID

Object Name	ruckusSZDPConfigID
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.81
Description	The data plane configuration ID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDPIP

**Table 1.** ruckusSZDPIP

Object Name	ruckusSZDPIP
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.82
Description	The data plane IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZNetworkPortID

**Table 1.** ruckusSZNetworkPortID

Object Name	ruckusSZNetworkPortID
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.100
Description	The network port ID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZNetworkInterface

**Table 1.** ruckusSZNetworkInterface

Object Name	ruckusSZNetworkInterface
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.101
Description	The network interface.

Parent topic: [Ruckus Event Object](#)

## ruckusSZSwitchStatus

**Table 1.** ruckusSZSwitchStatus

Object Name	ruckusSZSwitchStatus
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.102
Description	The switch status.

Parent topic: [Ruckus Event Object](#)

## ruckusSZTemperatureStatus

**Table 1.** ruckusSZTemperatureStatus

Object Name	ruckusSZTemperatureStatus
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.120
Description	The temperature status.

Parent topic: [Ruckus Event Object](#)

## ruckusSZProcessorId

**Table 1.** ruckusSZProcessorId

Object Name	ruckusSZProcessorId
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.121
Description	The processor ID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZFanId

**Table 1.** ruckusSZFanId

Object Name	ruckusSZFanId
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.122
Description	The fan module ID.

Parent topic: [Ruckus Event Object](#)

## ruckusSZFanStatus

**Table 1.** ruckusSZFanStatus

Object Name	ruckusSZFanStatus
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.123
Description	The fan module status.

Parent topic: [Ruckus Event Object](#)

## ruckusSZLicenseType

**Table 1.** ruckusSZLicenseType

Object Name	ruckusSZLicenseType
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.150
Description	The license type

Parent topic: [Ruckus Event Object](#)

## ruckusSZLicenseUsagePerc

**Table 1.** ruckusSZLicenseUsagePerc

Object Name	ruckusSZLicenseUsagePerc
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.151
Description	The license usage in percentage.

Parent topic: [Ruckus Event Object](#)

## ruckusSZLicenseServerName

**Table 1.** ruckusSZLicenseServerName

Object Name	ruckusSZLicenseServerName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.152
Description	The license server name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZIPSecGWAddress

**Table 1.** ruckusSZIPSecGWAddress

Object Name	ruckusSZIPSecGWAddress
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.153
Description	The secure gateway address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZSyslogServerAddress

**Table 1.** ruckusSZSyslogServerAddress

Object Name	ruckusSZSyslogServerAddress
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.154
Description	The syslog server address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZSrcSyslogServerAddress

**Table 1.** ruckusSZSrcSyslogServerAddress

Object Name	ruckusSZSrcSyslogServerAddress
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.155
Description	The source address of the syslog server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDestSyslogServerAddress

**Table 1.** ruckusSZDestSyslogServerAddress

Object Name	ruckusSZDestSyslogServerAddress
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.156
Description	The destination address of the syslog server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZFtplp

**Table 1.** ruckusSZFtplp

Object Name	ruckusSZFtplp
Object Identifier	.1.3.6.1.4.1.25053.2.10.2.200
Description	The FTP server IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZFtpPort

**Table 1.** ruckusSZFtpPort

Object Name	ruckusSZFtpPort
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.201
Description	The FTP server port.

Parent topic: [Ruckus Event Object](#)

## ruckusSZUEImsi

**Table 1.** ruckusSZUEImsi

Object Name	ruckusSZUEImsi
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.305
Description	The UE IMSI.

Parent topic: [Ruckus Event Object](#)

## ruckusSZUEMsisdn

**Table 1.** ruckusSZUEMsisdn

Object Name	ruckusSZUEMsisdn
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.306
Description	The UE MSISDN.

Parent topic: [Ruckus Event Object](#)

## ruckusSZAuthSrvrlp

**Table 1.** ruckusSZAuthSrvrlp

Object Name	ruckusSZAuthSrvrlp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.307
Description	The authentication server IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZRadProxylp

**Table 1.** ruckusSZRadProxylp

Object Name	ruckusSZRadProxylp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.308
Description	The RADIUS proxy IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZAccSrvrlp

**Table 1.** ruckusSZAccSrvrlp

Object Name	ruckusSZAccSrvrlp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.309
Description	The accounting server IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZRadSrvrlp

**Table 1.** ruckusSZRadSrvrlp

Object Name	ruckusSZRadSrvrlp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.312
Description	The RADIUS server IP address.

Parent topic: [Ruckus Event Object](#)

## ruckusSZUserName

**Table 1.** ruckusSZUserName

Object Name	ruckusSZUserName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.324
Description	The user name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZFileName

**Table 1.** ruckusSZFileName

Object Name	ruckusSZFileName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.326
Description	The file name.

Parent topic: [Ruckus Event Object](#)

## ruckusSZLDAPSrverIp

**Table 1.** ruckusSZLDAPSrverIp

Object Name	ruckusSZLDAPSrverIp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.327
Description	IP address of LDAP server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZADSrverIp

**Table 1.** ruckusSZADSrverIp

Object Name	ruckusSZADSrverIp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.328
Description	IP address of AD server.

Parent topic: [Ruckus Event Object](#)

## ruckusSZSoftwareName

**Table 1.** ruckusSZSoftwareName

Object Name	ruckusSZSoftwareName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.329
Description	Name of the software.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDomainName

**Table 1.** ruckusSZDomainName

Object Name	ruckusSZDomainName
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.330
Description	Name of the domain.

Parent topic: [Ruckus Event Object](#)

## ruckusSZDNATIp

**Table 1.** ruckusSZDNATIp

Object Name	ruckusSZDNATIp
Object Identifier	.1.3.6.1.4.1.25053.2.11.2.331
Description	IP address of DNAT server.

Parent topic: [Ruckus Event Object](#)

# Ruckus System MIB

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## Introduction

### [Ruckus System Command \(SysCommands\)](#)

### [Ruckus Controller System Node Table](#)

### [Ruckus Controller Zone Table](#)

## Introduction

The objects contained in the RUCKUS-SZ-SYSTEM-MIB provide information about the controller system, including its WLAN traffic, managed APs, wireless clients associated with the managed APs, and CPU and memory utilization. The following are the MIB definition system level statistics nodes for RUCKUS-SZ-SYSTEM-MIB.

 **Note:** For details on alarms and events refer to *SmartZone 100 Alarms and Events Guide*.

- [ruckusSZSystemStatsNumAP](#)
- [ruckusSZSystemStatsNumSta](#)
- [ruckusSZSystemStatsWLANTotalRxPkts](#)
- [ruckusSZSystemStatsWLANTotalRxBytes](#)
- [ruckusSZSystemStatsWLANTotalRxMulticast](#)
- [ruckusSZSystemStatsWLANTotalTxPkts](#)
- [ruckusSZSystemStatsWLANTotalTxBytes](#)
- [ruckusSZSystemStatsWLANTotalTxMulticast](#)
- [ruckusSZSystemStatsWLANTotalTxFail](#)
- [ruckusSZSystemStatsWLANTotalTxRetry](#)
- [ruckusSZSystemStatsSerialNumber](#)

**Parent topic:** [Ruckus System MIB](#)

## ruckusSZSystemStatsNumAP

**Table 1.** ruckusSZSystemStatsNumAP

Object Name	ruckusSZSystemStatsNumAP
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.1
Description	The number of APs.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsNumSta

**Table 1.** ruckusSZSystemStatsNumSta

Object Name	ruckusSZSystemStatsNumSta
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.2
Description	The number of associated clients.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalRxPkts

**Table 1.** ruckusSZSystemStatsWLANTotalRxPkts

Object Name	ruckusSZSystemStatsWLANTotalRxPkts
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.5
Description	The total number of received packets in WLAN.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalRxBytes

**Table 1.** ruckusSZSystemStatsWLANTotalRxBytes

Object Name	ruckusSZSystemStatsWLANTotalRxBytes
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.6
Description	The total number of received bytes in WLAN.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalRxMulticast

**Table 1.** ruckusSZSystemStatsWLANTotalRxMulticast

Object Name	ruckusSZSystemStatsWLANTotalRxMulticast
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.7
Description	The total number of received multicast packets in WLAN.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalTxPkts

**Table 1.** ruckusSZSystemStatsWLANTotalTxPkts

Object Name	ruckusSZSystemStatsWLANTotalTxPkts
Parent Node	ruckusSZSystemStats
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.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalTxBytes

**Table 1.** ruckusSZSystemStatsWLANTotalTxBytes

Object Name	ruckusSZSystemStatsWLANTotalTxBytes
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.9
Description	The total number of transmitted bytes in WLAN.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalTxMulticast

**Table 1.** ruckusSZSystemStatsWLANTotalTxMulticast

Object Name	ruckusSZSystemStatsWLANTotalTxMulticast
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.10
Description	The total number of transmitted multicast packets in WLAN.

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalTxFail

**Table 1.** ruckusSZSystemStatsWLANTotalTxFail

Object Name	ruckusSZSystemStatsWLANTotalTxFail
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.11

Object Name	ruckusSZSystemStatsWLANTotalTxFail
Description	The total number of failed transmitted packets in WLAN

Parent topic: [Introduction](#)

## ruckusSZSystemStatsWLANTotalTxRetry

**Table 1.** ruckusSZSystemStatsWLANTotalTxRetry

Object Name	ruckusSZSystemStatsWLANTotalTxRetry
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.12
Description	The total number of retry transmitted packets in WLAN

Parent topic: [Introduction](#)

## ruckusSZSystemStatsSerialNumber

**Table 1.** ruckusSZSystemStatsSerialNumber

Object Name	ruckusSZSystemStatsSerialNumber
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.13
Description	The SmartZone serial number.

Parent topic: [Introduction](#)

## 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.

Parent topic: [Ruckus System MIB](#)

## ruckusCTRLSysCmdReboot

**Table 1.** ruckusCTRLSysCmdReboot

Object Name	ruckusCTRLSysCmdReboot
Parent Node	ruckusSZSystemStats
Object Identifier	.1.3.6.1.4.1.25053.1.4.1.1.1.15.13
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:</p> <pre>snmpset -v2c -c private -m11 172.17.50.100 RUCKUS-CTRL- MIB::ruckusCTRLSysCmdReboot.0 i run- reboot</pre>

Parent topic: [Ruckus System Command \(SysCommands\)](#)

## 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](#)
- [ruckusCtrlSystemNodeName](#)
- [ruckusCtrlSystemNodeMgmtIp](#)
- [ruckusCtrlSystemNodeMgmtIpv6](#)
- [ruckusCtrlSystemNodeMgmtMac](#)
- [ruckusCtrlSystemNodeModel](#)
- [ruckusCtrlSystemNodeVersion](#)
- [ruckusCtrlSystemNodeSerialNumber](#)
- [ruckusCtrlSystemNodeUptime](#)
- [ruckusCtrlSystemNodeNumApLicense](#)
- [ruckusCtrlSystemNodeNumApConnected](#)
- [ruckusCtrlSystemNodeStatus](#)
- [ruckusCtrlSystemClusterStatus](#)
- [ruckusCtrlSystemNodeClusterHARole](#)
- [ruckusCtrlSystemNodeClusterHARoles](#)

Parent topic: [Ruckus System MIB](#)

## ruckusCtrlSystemNodeEntry

**Table 1.** ruckusCtrlSystemNodeEntry

Object Name	ruckusCtrlSystemNodeEntry
Parent Node	ruckusCtrlSystemNodeEntry
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.1
Description	The index to this table is ruckusCtrlSystemNodeSerialNumber.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeName

Table 1. 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeMgmtIp

Table 1. 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeMgmtIpv6

Table 1. 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeMgmtMac

Table 1. 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeModel

Table 1. ruckusCtrlSystemNodeModel

Object Name	ruckusCtrlSystemNodeModel
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.3
Description	Displays the node model.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeVersion

Table 1. ruckusCtrlSystemNodeVersion

Object Name	ruckusCtrlSystemNodeVersion
Parent Node	ruckusCtrlSystemNodeTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.1.9
Description	Displays the controller software version.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeSerialNumber

Table 1. 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

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeUptime

Table 1. ruckusCtrlSystemNodeUptime

Object Name	ruckusCtrlSystemNodeUptime
Parent Node	ruckusCtrlSystemNodeTable

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

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeNumApLicense

**Table 1.** 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeNumApConnected

**Table 1.** 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.

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeStatus

**Table 1.** 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: <ul style="list-style-type: none"> <li>• out-of-service(0)</li> </ul>

Object Name	ruckusCtrlSystemNodeStatus
	<ul style="list-style-type: none"> <li>• in-service(8)</li> </ul>

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemClusterStatus

**Table 1.** 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	<p>Displays the cluster status, where the status is:</p> <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>

Parent topic: [Ruckus Controller System Node Table](#)

## ruckusCtrlSystemNodeClusterHAState

**Table 1.** 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	<p>Displays the cluster HA status, where the status is:</p> <ul style="list-style-type: none"> <li>• enable (1)</li> <li>• disable (2)</li> </ul>

Parent topic: [Ruckus Controller System Node Table](#)

# ruckusCtrlSystemNodeClusterHARoles

**Table 1.** 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	<p>Displays the cluster HA role, where the status is:</p> <ul style="list-style-type: none"> <li>• active (1)</li> <li>• standby (2)</li> <li>• none (3)</li> </ul>

Parent topic: [Ruckus Controller System Node Table](#)

## 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 RUCKUS-CTRL-MIB::ruckusCTRLZoneTable
```

- [RuckusCtrlZoneEntry](#)
- [ruckusCtrlZoneId](#)
- [ruckusCtrlZoneName](#)
- [ruckusCtrlZoneCountryCode](#)
- [ruckusCtrlZoneNumApConnected](#)
- [ruckusCtrlZoneNumApDisconnected](#)

Parent topic: [Ruckus System MIB](#)

## RuckusCtrlZoneEntry

**Table 1.** RuckusCtrlZoneEntry

Object Name	RuckusCtrlZoneEntry
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1
Description	The index to this table is DomainId and ZoneId.

Parent topic: [Ruckus Controller Zone Table](#)

## ruckusCtrlZoneId

**Table 1.** ruckusCtrlZoneId

Object Name	ruckusCtrlZoneId
Parent Node	ruckusCtrlZoneTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.3.1.2
Description	The index is ZoneId.

Parent topic: [Ruckus Controller Zone Table](#)

## ruckusCtrlZoneName

**Table 1.** 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.

Parent topic: [Ruckus Controller Zone Table](#)

## ruckusCtrlZoneCountryCode

**Table 1.** 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.

Parent topic: [Ruckus Controller Zone Table](#)

## ruckusCtrlZoneNumApConnected

**Table 1.** 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.

Parent topic: [Ruckus Controller Zone Table](#)

## ruckusCtrlZoneNumApDisconnected

**Table 1.** 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.

Parent topic: [Ruckus Controller Zone Table](#)

# Ruckus WLAN MIB

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## [Introduction](#)

## [Ruckus SZ WLAN](#)

## [Ruckus SZ AP](#)

## [Ruckus SZ Configuration WLAN Statistics](#)

## [Ruckus SCG Client Information](#)

# Introduction

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

**Parent topic:** [Ruckus WLAN MIB](#)

# Ruckus SZ WLAN

The following are the MIBs for RUCKUS-SZWLAN group.

- [ruckusSZWLANIndex](#)
- [ruckusSZWLANSSID](#)
- [ruckusSZWLANNumSta](#)
- [ruckusSZWLANRxBytes](#)
- [ruckusSZWLANTxBytes](#)
- [ruckusSZWLANAauthType](#)

**Parent topic:** [Ruckus WLAN MIB](#)

## ruckusSZWLANIndex

**Table 1.** ruckusSZWLANIndex

Object Name	ruckusSZWLANIndex
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.99
Description	Identifies the specific WLAN identifier in the controller system.

Parent topic: [Ruckus SZ WLAN](#)

## ruckusSZWLANSSID

**Table 1.** ruckusSZWLANSSID

Object Name	ruckusSZWLANSSID
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.1
Description	The SSID of WLAN.

Parent topic: [Ruckus SZ WLAN](#)

## ruckusSZWLANNumSta

**Table 1.** ruckusSZWLANNumSta

Object Name	ruckusSZWLANNumSta
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.12
Description	The number of client devices.

Parent topic: [Ruckus SZ WLAN](#)

## ruckusSZWLANRxBytes

Table 1. ruckusSZWLANRxBytes

Object Name	ruckusSZWLANRxBytes
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.14
Description	The number of received bytes.

Parent topic: [Ruckus SZ WLAN](#)

## ruckusSZWLANTxBytes

Table 1. ruckusSZWLANTxBytes

Object Name	ruckusSZWLANTxBytes
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.16
Description	The number of transmitted bytes.

Parent topic: [Ruckus SZ WLAN](#)

## ruckusSZWLANAAuthType

Table 1. ruckusSZWLANAAuthType

Object Name	ruckusSZWLANAAuthType
Parent Node	ruckusSZWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.1.2.1.17

Object Name	ruckusSZWLAuthType
Description	The authentication type.

Parent topic: [Ruckus SZ WLAN](#)

## Ruckus SZ AP

The following are the MIBs for RUCKUS-SZAP group.

MIB	MIB
<a href="#">ruckusSZAPMac</a>	<a href="#">ruckusSZAPGroup</a>
<a href="#">ruckusSZAPUptime</a>	<a href="#">ruckusSZAPFWversion</a>
<a href="#">ruckusSZAPModel</a>	<a href="#">ruckusSZAPSerial</a>
<a href="#">ruckusSZAPIp</a>	<a href="#">ruckusSZAPIPType</a>
<a href="#">ruckusSZAPExtIp</a>	<a href="#">ruckusSZAPExtPort</a>
<a href="#">ruckusSZAPNumSta</a>	<a href="#">ruckusSZAPConnStatus</a>
<a href="#">ruckusSZAPRegStatus</a>	<a href="#">ruckusSZAPConfigStatus</a>
<a href="#">ruckusSZAPLocation</a>	<a href="#">ruckusSZAPGPSInfo</a>
<a href="#">ruckusSZAPMeshRole</a>	<a href="#">ruckusSZAPRXBytes</a>
<a href="#">ruckusSZAPTXXBytes</a>	<a href="#">ruckusSZAPIpsecSessionTime</a>
<a href="#">ruckusSZAPIpsecTXPkts</a>	<a href="#">ruckusSZAPIpsecRXPkts</a>
<a href="#">ruckusSZAPIpsecTXBytes</a>	<a href="#">ruckusSZAPIpsecRXBytes</a>
<a href="#">ruckusSZAPIpsecTXPktsDropped</a>	<a href="#">ruckusSZAPIpsecRXPktsDropped</a>

MIB	MIB
ruckusSZAPIpsecTXIdleTime	ruckusSZAPIpsecRXIdleTime

Parent topic: [Ruckus WLAN MIB](#)

## ruckusSZAPMac

**Table 1.** ruckusSZAPMac

Object Name	ruckusSZAPMac
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.1
Description	The MAC address of the AP.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPGroup

**Table 1.** ruckusSZAPGroup

Object Name	ruckusSZAPGroup
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.2
Description	The AP group.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPName

**Table 1.** ruckusSZAPName

Object Name	ruckusSZAPName
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.5
Description	The AP name.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPUptime

**Table 1.** ruckusSZAPUptime

Object Name	ruckusSZAPUptime
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.6
Description	The AP uptime.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPFWversion

**Table 1.** ruckusSZAPFWversion

Object Name	ruckusSZAPFWversion
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.7
Description	The software version.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPModel

**Table 1.** ruckusSZAPModel

Object Name	ruckusSZAPModel
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.8
Description	The AP model.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPSerial

**Table 1.** ruckusSZAPSerial

Object Name	ruckusSZAPSerial
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.9
Description	The AP serial number.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIp

**Table 1.** ruckusSZAPIp

Object Name	ruckusSZAPIp
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.10
Description	The AP IP address.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIPType

**Table 1.** ruckusSZAPIPType

Object Name	ruckusSZAPIPType
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.11
Description	The AP IP address type.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPExtIp

**Table 1.** ruckusSZAPExtIp

Object Name	ruckusSZAPExtIp
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.12
Description	The external IP address.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPExtPort

**Table 1.** ruckusSZAPExtPort

Object Name	ruckusSZAPExtPort
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.13
Description	The external port number.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPNumSta

**Table 1.** ruckusSZAPNumSta

Object Name	ruckusSZAPNumSta
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.15
Description	The number of stations.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPConnStatus

**Table 1.** ruckusSZAPConnStatus

Object Name	ruckusSZAPConnStatus
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.16
Description	The connection status.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPRegStatus

**Table 1.** ruckusSZAPRegStatus

Object Name	ruckusSZAPRegStatus
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.17
Description	The registration status, which could either be pending, approved, rejected or swapped.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPConfigStatus

**Table 1.** ruckusSZAPConfigStatus

Object Name	ruckusSZAPConfigStatus
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.18
Description	The AP configuration status.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPLocation

**Table 1.** ruckusSZAPLocation

Object Name	ruckusSZAPLocation
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.19
Description	The AP location.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPGPSInfo

**Table 1.** ruckusSZAPGPSInfo

Object Name	ruckusSZAPGPSInfo
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.20

Object Name	ruckusSZAPGPSInfo
Description	The GPS information.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPMeshRole

**Table 1.** ruckusSZAPMeshRole

Object Name	ruckusSZAPMeshRole
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.21
Description	The AP mesh role.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPDescription

**Table 1.** ruckusSZAPDescription

Object Name	ruckusSZAPDescription
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.22
Description	The AP description.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPRXBytes

**Table 1.** ruckusSZAPRXBytes

Object Name	ruckusSZAPRXBytes
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.30
Description	The number of received bytes.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPTXXBytes

**Table 1.** ruckusSZAPTXXBytes

Object Name	ruckusSZAPTXXBytes
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.31
Description	The number of transmitted bytes.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecSessionTime

**Table 1.** ruckusSZAPIpsecSessionTime

Object Name	ruckusSZAPIpsecSessionTime
Parent Node	ruckusSZAPTable
Object Identifier	1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.50
Description	The IPsec session time in seconds.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecTXPkts

**Table 1.** ruckusSZAPIpsecTXPkts

Object Name	ruckusSZAPIpsecTXPkts
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.55
Description	The number of packets transmitted in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecRXPkts

**Table 1.** ruckusSZAPIpsecRXPkts

Object Name	ruckusSZAPIpsecRXPkts
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.56
Description	The number of packets received in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecTXBytes

**Table 1.** ruckusSZAPIpsecTXBytes

Object Name	ruckusSZAPIpsecTXBytes
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.57
Description	The number of bytes transmitted n IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecRXBytes

**Table 1.** ruckusSZAPIpsecRXBytes

Object Name	ruckusSZAPIpsecRXBytes
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.58
Description	The number of bytes received in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecTXPktsDropped

**Table 1.** ruckusSZAPIpsecTXPktsDropped

Object Name	ruckusSZAPIpsecTXPktsDropped
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.59
Description	The number of transmitted packets that were dropped in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecRXPktsDropped

**Table 1.** ruckusSZAPIpsecRXPktsDropped

Object Name	ruckusSZAPTXBytes
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.60

Object Name	ruckusSZAPTXBytes
Description	The number of received packets that were dropped in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecTXIdleTime

**Table 1.** ruckusSZAPIpsecTXIdleTime

Object Name	ruckusSZAPIpsecTXIdleTime
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.65
Description	The number of seconds since the last transmitted packet in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## ruckusSZAPIpsecRXIdleTime


**Table 1.** ruckusSZAPIpsecRXIdleTime

Object Name	ruckusSZAPIpsecRXIdleTime
Parent Node	ruckusSZAPTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.1.1.2.2.1.66
Description	The number of seconds since the last received packet in IPsec session.

Parent topic: [Ruckus SZ AP](#)

## Ruckus SZ Configuration WLAN Statistics

The following are the MIBs for WLAN configuration nodes.

 **Note:** SNMP set for `ruckusSZConfigWLANTable` supports only a few OIDs. Read-only indicates that the particular SNMP set will not be supported.

- `ruckusSZConfigWLANID`
- `ruckusSZConfigWLANSSID`
- `ruckusSZConfigWLANDescription`
- `ruckusSZConfigWLANName`
- `ruckusSZConfigWLANWLANServiceType`
- `ruckusSZConfigWLANAuthentication`
- `ruckusSZConfigWLANEncryption`
- `ruckusSZConfigWLANWEPKeyIndex`
- `ruckusSZConfigWLANWEPKey`
- `ruckusSZConfigWLANWPACipherType`
- `ruckusSZConfigWLANWPAKey`
- `ruckusSZConfigWLANWirelessClientIsolation`
- `ruckusSZConfigWLANZeroITActivation`
- `ruckusSZConfigWLANServicePriority`
- `ruckusSZConfigWLANAccountingUpdateInterval`
- `ruckusSZConfigWLANVlanID`
- `ruckusSZConfigWLANHideSSID`
- `ruckusSZConfigWLANMaxClientsPerAP`

**Parent topic:** [Ruckus WLAN MIB](#)

## ruckusSZConfigWLANID

**Table 1.** ruckusSZConfigWLANID

Object Name	ruckusSZConfigWLANID (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.1
Description	The wireless LAN (WLAN) identifier.

**Parent topic:** [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANSSID

**Table 1.** ruckusSZConfigWLANSSID

Object Name	ruckusSZConfigWLANSSID (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.2
Description	SSID for the wireless LAN (WLAN).

**Parent topic:** [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANDescription

**Table 1.** ruckusSZConfigWLANDescription

Object Name	ruckusSZConfigWLANDescription
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.3
Description	Description of the wireless LAN (WLAN).

**Parent topic:** [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANName

**Table 1.** ruckusSZConfigWLANName

Object Name	ruckusSZConfigWLANName (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.4
Description	Name of the wireless LAN (WLAN).

**Parent topic:** [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWLANServiceType

**Table 1.** ruckusSZConfigWLANWLANServiceType

Object Name	ruckusSZConfigWLANWLANServiceType (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.8
Description	Type of service for the wireless LAN (WLAN).

**Parent topic:** [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANAuthentication

**Table 1.** ruckusSZConfigWLANAuthentication

Object Name	ruckusSZConfigWLANAuthentication (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.10
Description	Authentication method specified for the wireless LAN (WLAN).

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANEncryption

**Table 1.** ruckusSZConfigWLANEncryption

Object Name	ruckusSZConfigWLANEncryption (read-only)
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.12
Description	Encryption method specified for the wireless LAN (WLAN).

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWEPKeyIndex

**Table 1.** ruckusSZConfigWLANWEPKeyIndex

Object Name	ruckusSZConfigWLANWEPKeyIndex
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.15
Description	Specify the WEP key index for WEP encryption.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWEPKey

**Table 1.** ruckusSZConfigWLANWEPKey

Object Name	ruckusSZConfigWLANWEPKey
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.16

Object Name	ruckusSZConfigWLANWEPKey
Description	Specify the passphrase for WEP encryption method.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWPACipherType

**Table 1.** ruckusSZConfigWLANWPACipherType

Object Name	ruckusSZConfigWLANWPACipherType
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.20
Description	Specify the cipher method for WPA encryption.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWPAKey

**Table 1.** ruckusSZConfigWLANWPAKey

Object Name	ruckusSZConfigWLANWPAKey
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.21
Description	Specify the passphrase for WPA encryption.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANWirelessClientIsolation

**Table 1.** ruckusSZConfigWLANWirelessClientIsolation

Object Name	ruckusSZConfigWLANWirelessClientIsolation
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.28
Description	Specify the wireless client Isolation, where clients will be unable to communicate with each other or access any of the restricted subnet.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANZeroITActivation

**Table 1.** ruckusSZConfigWLANZeroITActivation

Object Name	ruckusSZConfigWLANZeroITActivation
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.30
Description	Enable the Zero IT activation service for wireless LAN

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANServicePriority

**Table 1.** ruckusSZConfigWLANServicePriority

Object Name	ruckusSZConfigWLANServicePriority
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.32

Object Name	ruckusSZConfigWLANServicePriority
Description	Specify the quality of service (QOS) priority for wireless LAN.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANAccountingUpdateInterval

**Table 1.** ruckusSZConfigWLANAccountingUpdateInterval

Object Name	ruckusSZConfigWLANAccountingUpdateInterval
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.36
Description	Specify the interval in minutes for updating the accounting server.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANVlanID

**Table 1.** ruckusSZConfigWLANVlanID

Object Name	ruckusSZConfigWLANVlanID
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.45
Description	Specify the VLAN identifier of WLAN. If the VLAN ID is 1 packets from WLAN will be untagged.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANHideSSID

**Table 1.** ruckusSZConfigWLANHideSSID

Object Name	ruckusSZConfigWLANHideSSID
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.50
Description	SSID will not be broadcasted by activating the hide tag.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSZConfigWLANMaxClientsPerAP

**Table 1.** ruckusSZConfigWLANMaxClientsPerAP

Object Name	ruckusSZConfigWLANMaxClientsPerAP
Parent Node	ruckusSZConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.55
Description	Specify the number of client devices that the AP can service for wireless LAN.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)

## ruckusSCGConfigWLANSAEPassphrase

**Table 1.** ruckusSCGConfigWLANSAEPassphrase

Object Name	ruckusSCGConfigWLANSAEPassphrase
Parent Node	ruckusSCGConfigWLANTable
Object Identifier	.1.3.6.1.4.1.25053.1.4.2.2.1.1.1.1.23

Object Name	ruckusSCGConfigWLANSAEPassphrase
Description	Specifies the SAE passphrase for WPA3 encryption.

Parent topic: [Ruckus SZ Configuration WLAN Statistics](#)


## Ruckus SCG Client Information

The following are the MIBs for client information nodes (RUCKUS-CTRL-MIB). 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.

In the controller user interface using the Global SNMP configuration (**Configuration > System > SNMP Agent**) you can query client status using RUCKUS-CTRL-MIB.

- [ruckusCtrlClientMac](#)
- [ruckusCtrlClientStatus](#)

Parent topic: [Ruckus WLAN MIB](#)

## ruckusCtrlClientMac

**Table 1.** 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

Object Name	ruckusCtrlClientMac (read only)
Description	MAC IP address of the user equipment

Parent topic: [Ruckus SCG Client Information](#)

## ruckusCtrlClientStatus

**Table 1.** 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	<p>The client status is either:</p> <p>1 Unauthorized</p> <p>2 Authorized</p>

Parent topic: [Ruckus SCG Client Information](#)

# Ruckus AP MIB

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[Ruckus Controller AP Group Table](#)

[Ruckus Controller Summary AP Table](#)

[Ruckus Controller AP Client Table](#)

[Ruckus Controller AP Table](#)

[Ruckus Controller Radio Table](#)

[Ruckus Controller AP WLAN Table](#)


[Ruckus Controller Client Table](#)

[AP Wired Client Table](#)

[Ruckus Wired Client Table](#)

## 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](#)
- [ruckusCtrlApGroupZoneld](#)
- [ruckusCtrlApApGroupId](#)
- [ruckusCtrlApApGroupName](#)
- [ruckusCtrlApGroupNumApConnected](#)
- [ruckusCtrlApGroupNumApDisconnected](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCtrlApGroupEntry

Table 1. 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.

Parent topic: [Ruckus Controller AP Group Table](#)

## ruckusCtrlApGroupZoneld

Table 1. 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.

Parent topic: [Ruckus Controller AP Group Table](#)

## ruckusCtrlApGroupId

Table 1. 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.

Parent topic: [Ruckus Controller AP Group Table](#)

## ruckusCtrlApGroupName

Table 1. 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.

Parent topic: [Ruckus Controller AP Group Table](#)

## ruckusCtrlApGroupNumApConnected

Table 1. 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.

Parent topic: [Ruckus Controller AP Group Table](#)

## ruckusCtrlApGroupNumApDisconnected

Table 1. 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


Object Name	ruckusCtrlApGroupNumApDisconnected
Description	Number of APs in the AP Group that are currently disconnected from the controller.

Parent topic: [Ruckus Controller AP Group Table](#)

## 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)
```

- 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:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.6.3.132.19.96.3.18
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](#)
- [ruckusCtrlSummaryApIndexType](#)
- [ruckusCtrlSummaryApIndexUUID](#)

- [ruckusCtrlSummaryApDomainId](#)
- [ruckusCtrlSummaryApZoneId](#)
- [ruckusCtrlSummaryApApGroupId](#)
- [ruckusCtrlSummaryApMac](#)
- [ruckusCtrlSummaryApDomainName](#)
- [ruckusCtrlSummaryApZoneName](#)
- [ruckusCtrlSummaryApName](#)
- [ruckusCtrlSummaryApLocation](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCtrlSummaryApEntry

**Table 1.** ruckusCtrlSummaryApEntry

Object Name	ruckusCtrlSummaryApEntry
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1
Description	<p>The index to this table is:</p> <ul style="list-style-type: none"> <li>• <a href="#">ruckusCtrlSummaryApIndexType</a></li> <li>• <a href="#">ruckusCtrlSummaryApIndexUUID</a></li> <li>• <a href="#">ruckusCtrlSummaryApMacApGroupId</a></li> </ul>

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApIndexType

**Table 1.** ruckusCtrlSummaryApIndexType

Object Name	ruckusCtrlSummaryApIndexType
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.1

Object Name	ruckusCtrlSummaryApIndexType
Description	<p>The UUID index type - domain(1), zone(2), apgroup(3) For example: snmpwalk ruckusCtrlSummaryApTable.domain.{uuid} for known DomainId</p> <p>snmpwalk ruckusCtrlSummaryApTable.zone.{uuid} for known ZoneId</p> <p>snmpwalk ruckusCtrlSummaryApTable.ApGroup.{uuid} for known ApGroupId</p>

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApIndexUUID

Table 1. ruckusCtrlSummaryApIndexUUID

Object Name	ruckusCtrlSummaryApIndexUUID
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.2
Description	UUID for query entry, which can be the UUID of domain, zone, or AP Group.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApDomainId

Table 1. ruckusCtrlSummaryApDomainId

Object Name	ruckusCtrlSummaryApDomainId
Parent Node	ruckusCtrlSummaryApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.1.8.1.3
Description	The domain identifier.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApZoneId

Table 1. ruckusCtrlSummaryApZoneId

Object Name	ruckusCtrlSummaryApZoneId
Parent Node	ruckusCtrlSummaryApTable

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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApApGroupId

Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApMac

Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApDomainName

Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApZoneName

Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApName

Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## ruckusCtrlSummaryApLocation


Table 1. 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.

Parent topic: [Ruckus Controller Summary AP Table](#)

## 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.

- [ruckusCtrlApiClientEntry](#)
- [ruckusCtrlApiClientApMac](#)
- [ruckusCtrlApiClientMac](#)

To query:

- all clients in a specific ap1, the following command can be used:

```
snmpwalk ruckusCtrlApiClientTable.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-  
usCtrlApiClientMac.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
```

Parent topic: [Ruckus AP MIB](#)

# ruckusCtrlApiClientEntry

Table 1. ruckusCtrlApiClientEntry

Object Name	ruckusCtrlApiClientEntry
Parent Node	ruckusCtrlApiClientTable

Object Name	ruckusCtrlApClientEntry
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.9.1
Description	The index to this table is ApMac.

Parent topic: [Ruckus Controller AP Client Table](#)

## ruckusCtrlApClientApMac

Table 1. 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.

Parent topic: [Ruckus Controller AP Client Table](#)

## ruckusCtrlApClientMac


Table 1. 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.

Parent topic: [Ruckus Controller AP Client Table](#)

## 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
```

- [ruckusCtrlApEntry](#)
- [ruckusCtrlApMac](#)
- [ruckusCtrlApDomainId](#)
- [ruckusCtrlApDomainName](#)
- [ruckusCtrlApZoneId](#)
- [ruckusCtrlApZoneName](#)
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- [ruckusCtrlApIpDnsSvr1](#)
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- [ruckusCtrlApModel](#)
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- [ruckusCtrlApStatsRxBytes](#)
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- [ruckusCtrlApStatsRxErrorPkts](#)
- [ruckusCtrlApStatsTxErrorPkts](#)
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- [ruckusCtrlApStatsTxDropPkts](#)
- [ruckusCtrlApMeshRole](#)
- [ruckusCtrlApNumMeshHops](#)
- [ruckusCtrlApConnectScgCplp](#)
- [ruckusCtrlApConnectScgCplpv6](#)
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- [ruckusCtrlApLanStatsRxBytes](#)
- [ruckusCtrlApLanStatsTxBytes](#)
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- [ruckusCtrlApLanStatsTxPkts](#)
- [ruckusCtrlApLanStatsRxErrorPkts](#)
- [ruckusCtrlApLanStatsTxErrorPkts](#)
- [ruckusCtrlApLanStatsRxDroppedPkts](#)
- [ruckusCtrlApLanStatsTxDroppedPkts](#)
- [ruckusCtrlApIpsecRxBytes](#)
- [ruckusCtrlApIpsecTxBytes](#)

- [ruckusCtrlAPIpsecRxPkts](#)
- [ruckusCtrlAPIpsecTxPkts](#)
- [ruckusCtrlAPIpsecRxDropPkts](#)
- [ruckusCtrlAPIpsecTxDropPkts](#)
- [ruckusCtrlAPIpsecSessionTime](#)
- [ruckusCtrlAPIpsecRxIdleTime](#)
- [ruckusCtrlAPIpsecTxIdleTime](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCtrlApEntry

**Table 1.** 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

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApMac

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApDomainId

**Table 1.** ruckusCtrlApDomainId

Object Name	ruckusCtrlApDomainId
Parent Node	ruckusCtrlApTable

Object Name	ruckusCtrlApDomainId
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)

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApDomainName

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApZoneId

**Table 1.** ruckusCtrlApZoneId

Object Name	ruckusCtrlApZoneId
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.4
Description	The zone UUID.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApZoneName

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApApGroupId

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApApGroupName

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIp

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIpv6

Table 1. ruckusCtrlApIpv6

Object Name	ruckusCtrlApIpv6
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.13
Description	The IPv6 address.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApNetmask

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApGateway

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIpDnsSvr1

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIpDnsSvr2

Table 1. 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

Object Name	ruckusCtrlApIpDnsSvr2
Description	The secondary DNS server address.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIpv6DnsSvr1

Table 1. ruckusCtrlApIpv6DnsSvr1

Object Name	ruckusCtrlApIpv6DnsSvr1
Parent Node	ruckusCtrlApTable
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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApIpv6DnsSvr2

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApName

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApDescription

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatus

Table 1. ruckusCtrlApStatus

Object Name	ruckusCtrlApStatus
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.30.6.116.62.43.58.110.192
Description	The AP status type, No Such Instance: Offline AP/Not Connected AP, 1 : Online AP.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApModel

Table 1. ruckusCtrlApModel

Object Name	ruckusCtrlApModel
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.31
Description	The AP model type.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApSerialNumber

Table 1. 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

Object Name	ruckusCtrlApSerialNumber
Description	The AP serial number.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApSwVersion

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLocation

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApGpsInfo

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApTemperature

Table 1. ruckusCtrlApTemperature

Object Name	ruckusCtrlApTemperature
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.36
Description	The AP temperature information.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApUptime

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLastConfSyncTime

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApCpuUtilization

Table 1. 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

Object Name	ruckusCtrlApCpuUtilization
Description	The percentage of CPU utilization.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApTotalMemory

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApFreeMemory

Table 1. ruckusCtrlApFreeMemory

Object Name	ruckusCtrlApFreeMemory
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.52
Description	Free memory in KB.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApFreeStorage

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApEtherPortStatus

Table 1. 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

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApCableModemMac

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApCableModemSerialNumber

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApNumRadios

Table 1. ruckusCtrlApNumRadios

Object Name	ruckusCtrlApNumRadios
Parent Node	ruckusCtrlApTable

Object Name	ruckusCtrlApNumRadios
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.62
Description	Total number of radios.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApNumWlans

Table 1. ruckusCtrlApNumWlans

Object Name	ruckusCtrlApNumWlans
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.63
Description	Total number of WLANs.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApNumAssocClients

Table 1. ruckusCtrlApNumAssocClients

Object Name	ruckusCtrlApNumAssocClients
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.65
Description	Number of clients associated with the AP.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxBytes

Table 1. ruckusCtrlApStatsRxBytes

Object Name	ruckusCtrlApStatsRxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.71
Description	The total number of received bytes.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxDataPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxDataPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxErrorPkts

Table 1. 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

Object Name	ruckusCtrlApStatsRxErrorPkts
Description	Error count of AP wireless received.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxErrorPkts

Table 1. ruckusCtrlApStatsTxErrorPkts

Object Name	ruckusCtrlApStatsTxErrorPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.82
Description	Error count of AP wireless transmitted.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsRxDropPkts

Table 1. ruckusCtrlApStatsRxDropPkts

Object Name	ruckusCtrlApStatsRxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.83
Description	Dropped count of AP wireless received.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApStatsTxDropPkts

Table 1. ruckusCtrlApStatsTxDropPkts

Object Name	ruckusCtrlApStatsTxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.84
Description	Dropped count of AP wireless transmitted.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApMeshRole

**Table 1.** 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>

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApNumMeshHops

**Table 1.** 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApConnectScgCplp

**Table 1.** 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

Object Name	ruckusCtrlApConnectScgCplp
Description	The controller's control plane IP address that the AP connects.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApConnectScgCplpv6

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApConnectScgDplp

Table 1. ruckusCtrlApConnectScgDplp

Object Name	ruckusCtrlApConnectScgDplp
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.97
Description	The controller's data plane IP address that the AP connects.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApConnectScgDplpv6

Table 1. ruckusCtrlApConnectScgDplpv6

Object Name	ruckusCtrlApConnectScgDplpv6
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.98
Description	The controller's data plane IPv6 address that the AP connects.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsRxBytes

Table 1. ruckusCtrlApLanStatsRxBytes

Object Name	ruckusCtrlApLanStatsRxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.103
Description	The total number of bytes received on the LAN port.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsTxBytes

Table 1. ruckusCtrlApLanStatsTxBytes

Object Name	ruckusCtrlApLanStatsTxBytes
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.104
Description	The total number of bytes transmitted on the LAN port.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsRxPkts

Table 1. ruckusCtrlApLanStatsRxPkts

Object Name	ruckusCtrlApLanStatsRxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.105
Description	The total number of packets received on the LAN port.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsTxPkts

Table 1. ruckusCtrlApLanStatsTxPkts

Object Name	ruckusCtrlApLanStatsTxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.1.1.106

Object Name	ruckusCtrlApLanStatsTxPkts
Description	The total number of packets transmitted on the LAN port.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsRxErrorPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsTxErrorPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsRxDroppedPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlApLanStatsTxDroppedPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecRxBytes

Table 1. ruckusCtrlAPIpsecRxBytes

Object Name	ruckusCtrlAPIpsecRxBytes
Parent Node	ruckusCtrlApTable
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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecTxBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecRxPkts

Table 1. 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

Object Name	ruckusCtrlAPIpsecRxPkts
Description	The total number of IPsec packet received.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecTxPkts

Table 1. ruckusCtrlAPIpsecTxPkts

Object Name	ruckusCtrlAPIpsecTxPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.126
Description	The total number of IPsec packet transmitted.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecRxDropPkts

Table 1. ruckusCtrlAPIpsecRxDropPkts

Object Name	ruckusCtrlAPIpsecRxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.127
Description	The total number of IPsec received packets that dropped.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecTxDropPkts

Table 1. ruckusCtrlAPIpsecTxDropPkts

Object Name	ruckusCtrlAPIpsecTxDropPkts
Parent Node	ruckusCtrlApTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.2.1.1.128
Description	The total number of IPsec transmitted packets that dropped

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecSessionTime

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecRxIdleTime

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## ruckusCtrlAPIpsecTxIdleTime

Table 1. 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.

Parent topic: [Ruckus Controller AP Table](#)

## 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 RadiolIndex.

**⚠ 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:

```
.1.3.6.1.4.1.25053.1.8.1.1.1.9.1.6  
.6.200.170.124.142.103.196.1
```

- [ruckusCtrlApRadioEntry](#)
- [ruckusCtrlApRadioApMac](#)
- [ruckusCtrlApRadioIndex](#)
- [ruckusCtrlApRadioNumWlans](#)
- [ruckusCtrlApRadioType](#)
- [ruckusCtrlApRadioChannelWidth](#)
- [ruckusCtrlApRadioChannel](#)

- `ruckusCtrlApRadioTxPower`
- `ruckusCtrlApRadioBeaconPeriod`
- `ruckusCtrlApRadioPowerMgmtEnable`
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- `ruckusCtrlApRadioStatsRxAirtime`
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- `ruckusCtrlApRadioStatsRxMicError`
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- [ruckusCtrlApRadioStatsRxPktErrorRate](#)
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- [ruckusCtrlApRadioStatsNumAssocReq](#)
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- [ruckusCtrlApRadioStatsNumReassocReq](#)
- [ruckusCtrlApRadioStatsNumReassocResp](#)
- [ruckusCtrlApRadioStatsNumAssocSuccess](#)
- [ruckusCtrlApRadioStatsNumAssocFail](#)
- [ruckusCtrlApRadioStatsAssocSuccessRate](#)
- [ruckusCtrlApRadioStatsAssocFailRate](#)

**Parent topic:** [Ruckus AP MIB](#)

## ruckusCtrlApRadioEntry

**Table 1.** 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

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioApMac

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioIndex

**Table 1.** 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	<p>The index of the radio in the AP, which is:</p> <ul style="list-style-type: none"> <li>• 0: 2.4G</li> <li>• 1: 5G</li> <li>• 2: 6G</li> </ul>

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioNumWlans

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioType

**Table 1.** 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	<p>The radio modes:</p> <p>1: ieee802dot11b</p> <p>2: ieee802dot11g</p> <p>3: ieee802dot11Mixed</p> <p>4: ieee802dot11a</p> <p>5: ieee802dot11ng</p> <p>6: ieee802dot11na</p> <p>7: ieee802dot11ac</p> <p>8: ieee802dot11ax</p>

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioChannelWidth

**Table 1.** 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

Object Name	ruckusCtrlApRadioChannelWidth
Description	Radio channel width of 10/20/2040/40/80/160

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioChannel

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioTxPower

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioBeaconPeriod

Table 1. 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	<p>The number of milli seconds that a station uses for scheduling beacon transmissions. This value is transmitted in beacon and probe response frames.</p> <ul style="list-style-type: none"> <li>Range: (100 to 1000)</li> </ul>

Object Name	ruckusCtrlApRadioBeaconPeriod
	<ul style="list-style-type: none"> <li>Units: Milli seconds</li> </ul>

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioPowerMgmtEnable

Table 1. 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
Description	Enabling the power management as: 0: No  1: Yes

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioMeshEnable

Table 1. 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

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxAirtime

Table 1. 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

Object Name	ruckusCtrlApRadioStatsRxAirtime
Description	AP radio's total airtime received in one second as per the channel utilization.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxAirtime

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsBusyAirtime

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTotalAirtime

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioAntennaGain

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsSnr

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNoiseFloor

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAssocClients

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAuthClients

Table 1.

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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumMaxClients

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsPhyError

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxWepFail

Table 1. ruckusCtrlApRadioStatsRxWepFail

Object Name	ruckusCtrlApRadioStatsRxWepFail
Parent Node	ruckusCtrlApRadioTable

Object Name	ruckusCtrlApRadioStatsRxWepFail
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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxDecryptCrcError

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxMicError

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxBytes

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxBytes

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxMcastPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxMcastPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxErrorPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxErrorPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxPktErrorRate

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxPktErrorRate

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxPktRetryRate

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxRetryPkts

Table 1. 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

Object Name	ruckusCtrlApRadioStatsTxRetryPkts
Description	Total number of retries on transmitted packets.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsRxDropPkts

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsTxDropPkts

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAuthReqs

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAuthResps

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAuthSuccess

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAuthFail

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsAuthFailRate

**Table 1.** 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

Object Name	ruckusCtrlApRadioStatsAuthFailRate
Description	Total number of failed connections - authentication and associated failure.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAssocReq

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAssocResp

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumReassocReq

Table 1. 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumReassocResp

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAssocSuccess

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsNumAssocFail

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsAssocSuccessRate

**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## ruckusCtrlApRadioStatsAssocFailRate


**Table 1.** 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.

Parent topic: [Ruckus Controller Radio Table](#)

## 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, RadiolIndex 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.

- [ruckusCtrlApWlanEntry](#)
- [ruckusCtrlApWlanApMac](#)
- [ruckusCtrlApWlanRadiolIndex](#)
- [ruckusCtrlApWlanBssid](#)
- [ruckusCtrlApWlanAuthMethod](#)
- [ruckusCtrlApWlanEncryptMethod](#)
- [ruckusCtrlApWlanId](#)
- [ruckusCtrlApWlanName](#)
- [ruckusCtrlApWlanRadioChannel](#)

- `ruckusCtrlApWlanSsid`
- `ruckusCtrlApWlanVlanId`
- `ruckusCtrlApWlanRtsThreshold`
- `ruckusCtrlApWlanDownRateLimit`
- `ruckusCtrlApWlanUpRateLimit`
- `ruckusCtrlApWlanIsBcastDisable`
- `ruckusCtrlApWlanIsGuest`
- `ruckusCtrlApWlanIsTunnel`
- `ruckusCtrlApWlanStatsNumAssocClients`
- `ruckusCtrlApWlanStatsRxPkts`
- `ruckusCtrlApWlanStatsTxPkts`
- `ruckusCtrlApWlanStatsRxBytes`
- `ruckusCtrlApWlanStatsTxBytes`
- `ruckusCtrlApWlanStatsRxDataBytes`
- `ruckusCtrlApWlanStatsTxDataBytes`
- `ruckusCtrlApWlanStatsRxDataPkts`
- `ruckusCtrlApWlanStatsTxDataPkts`
- `ruckusCtrlApWlanStatsRxBcastDataPkts`
- `ruckusCtrlApWlanStatsTxBcastDataPkts`
- `ruckusCtrlApWlanStatsRxMcastDataPkts`
- `ruckusCtrlApWlanStatsTxMcastDataPkts`
- `ruckusCtrlApWlanStatsNumAssocReq`
- `ruckusCtrlApWlanStatsNumAssocResp`

- [ruckusCtrlApWlanStatsNumReassocReq](#)
- [ruckusCtrlApWlanStatsNumReassocResp](#)
- [ruckusCtrlApWlanStatsNumAuthReq](#)
- [ruckusCtrlApWlanStatsNumAuthResp](#)
- [ruckusCtrlApWlanStatsNumAuthSuccess](#)
- [ruckusCtrlApWlanStatsNumAuthFail](#)
- [ruckusCtrlApWlanStatsAuthFailRate](#)
- [ruckusCtrlApWlanStatsNumAssocFail](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCtrlApWlanEntry

**Table 1.** ruckusCtrlApWlanEntry

Object Name	ruckusCtrlApWlanEntry
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1
Description	The index to this table is ApMac, RadiolIndex and ApWlanBssid

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanApMac

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanRadioIndex

**Table 1.** ruckusCtrlApWlanRadioIndex

Object Name	ruckusCtrlApWlanRadioIndex
Parent Node	ruckusCtrlApWlanTable
Object Identifier	1.3.6.1.4.1.25053.1.8.1.1.1.2.5.1.2
Description	<p>The index of the radio:</p> <ul style="list-style-type: none"> <li>• 0: 2.4G</li> <li>• 1: 5G</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanBssid

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanAuthMethod

**Table 1.** 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	<p>Authentication method of the WLAN is:</p> <ul style="list-style-type: none"> <li>• 1: open</li> <li>• 3: auto</li> <li>• 4: wpa-eap-802-1x</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanEncryptMethod

**Table 1.** 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	<p>Encryption method of the WLAN is:</p> <ul style="list-style-type: none"> <li>• 1: open</li> <li>• 2: wep</li> <li>• 3: wpa</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanId

**Table 1.** 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)

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanName

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanRadioChannel

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanSsid

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanVlanId

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanRtsThreshold

Table 1. 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

Object Name	ruckusCtrlApWlanRtsThreshold
Description	This attribute indicates the threshold number of octets in an MPDU. The range is (256 to 2346). The default value is 2347.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanDownRateLimit

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanUpRateLimit

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanIsBcastDisable

Table 1. 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	<p>To confirm if the SSID broadcast for this WLAN is disabled. Values are:</p> <ul style="list-style-type: none"> <li>• 0: No</li> </ul>

Object Name	ruckusCtrlApWlanIsBcastDisable
	<ul style="list-style-type: none"> <li>• 1: Yes</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanIsGuest

**Table 1.** 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	<p>To confirm if the WLAN connected is a guest. Values are:</p> <ul style="list-style-type: none"> <li>• 0: No</li> <li>• 1: Yes</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanIsTunnel

**Table 1.** 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	<p>To confirm if the tunnel is a WLAN. Values are:</p> <ul style="list-style-type: none"> <li>• 0: No</li> <li>• 1: Yes</li> </ul>

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAssocClients

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxBytes

**Table 1.** 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

Object Name	ruckusCtrlApWlanStatsRxBytes
Description	Total number of received bytes of this WLAN. This counter does not include the Ether / VLAN header.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxDataPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxDataPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxBcastDataPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxBcastDataPkts

**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsRxMcastDataPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsTxMcastDataPkts

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAssocReq

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAssocResp

Table 1. 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

Object Name	ruckusCtrlApWlanStatsNumAssocResp
Description	Total number of associated responses sent.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumReassocReq

Table 1. 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

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumReassocResp

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAuthReq

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAuthResp

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAuthSuccess

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAuthFail

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsAuthFailRate

Table 1. 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## ruckusCtrlApWlanStatsNumAssocFail


**Table 1.** 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.

Parent topic: [Ruckus Controller AP WLAN Table](#)

## 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.
```

- [ruckusCtrlClientEntry](#)
- [ruckusCtrlClientMac](#)
- [ruckusCtrlClientIp](#)

- [ruckusCtrlClientIpv6](#)
- [ruckusCtrlClientApMac](#)
- [ruckusCtrlClientWlanBssid](#)
- [ruckusCtrlClientSsid](#)
- [ruckusCtrlClientRadioIndex](#)
- [ruckusCtrlClientRadioType](#)
- [ruckusCtrlClientRadioChannel](#)
- [ruckusCtrlClientUsername](#)
- [ruckusCtrlClientVlanId](#)
- [ruckusCtrlClientOsType](#)
- [ruckusCtrlClientStatus](#)
- [ruckusCtrlClientAuthMode](#)
- [ruckusCtrlClientStatsRssi](#)
- [ruckusCtrlClientStatsSnr](#)
- [ruckusCtrlClientStatsNoiseFloor](#)
- [ruckusCtrlClientStatsThroughput](#)
- [ruckusCtrlClientStatsRxDataBytes](#)
- [ruckusCtrlClientStatsTxDataBytes](#)
- [ruckusCtrlClientStatsRxDataPkts](#)
- [ruckusCtrlClientStatsTxDataPkts](#)
- [ruckusCtrlClientStatsTxAvgByteRate](#)
- [ruckusCtrlClientStatsTxRetry](#)
- [ruckusCtrlClientStatsRxError](#)

- [ruckusCtrlClientStatsTxError](#)
- [ruckusCtrlClientStatsTxRetryBytes](#)
- [ruckusCtrlClientStatsTxDropPkts](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCtrlClientEntry

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientMac

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientIp

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientIpv6

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientApMac

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientWlanBssid

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientSsid

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientRadioIndex

**Table 1.** 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	<p>The radio index of:</p> <ul style="list-style-type: none"> <li>• 0: 2.4G</li> <li>• 1: 5G.</li> </ul>

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientRadioType

**Table 1.** 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
Description	<p>The radio index:</p> <p>1: ieee802dot11b</p> <p>2: ieee802dot11g</p> <p>3: ieee802dot11Mixed</p> <p>4: ieee802dot11a</p> <p>5: ieee802dot11ng</p> <p>6: ieee802dot11na</p> <p>7: ieee802dot11ac</p> <p>8: ieee802dot11ax</p>

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientRadioChannel

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientUsername

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientVlanId

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientOsType

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatus

**Table 1.** 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

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientAuthMode

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsRssi

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsSnr

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsNoiseFloor

**Table 1.** 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
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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsThroughput

**Table 1.** 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsRxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxDataBytes

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsRxDataPkts

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxDataPkts

Table 1. ruckusCtrlClientStatsTxDataPkts

Object Name	ruckusCtrlClientStatsTxDataPkts
Parent Node	ruckusCtrlClientTable

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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxAvgByteRate

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxRetry

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsRxError

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxError

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxRetryBytes

Table 1. ruckusCtrlClientStatsTxRetryBytes

Object Name	ruckusCtrlClientStatsTxRetryBytes
Parent Node	ruckusCtrlClientTable
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.

Parent topic: [Ruckus Controller Client Table](#)

## ruckusCtrlClientStatsTxDropPkts

Table 1. 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.

Parent topic: [Ruckus Controller Client Table](#)

## 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](#)
- [ruckusCtrlApWiredClientApMac](#)
- [ruckusCtrlApWiredClientMac](#)

Parent topic: [Ruckus AP MIB](#)

## ruckusCTRLApWiredClientEntry

**Table 1.** 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	<p>The index to this table is:</p> <ul style="list-style-type: none"> <li>• ruckusCtrlApWiredClientApMac</li> <li>• ruckusCtrlApWiredClientMac</li> </ul>

Parent topic: [AP Wired Client Table](#)

## ruckusCtrlApWiredClientApMac

**Table 1.** ruckusCtrlApWiredClientApMac

Object Name	ruckusCtrlApWiredClientApMac
Parent Node	ruckusCtrlApWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.1.11.1

Object Name	ruckusCtrlApWiredClientApMac
Description	The AP MAC address.

Parent topic: [AP Wired Client Table](#)

## ruckusCtrlApWiredClientMac

**Table 1.** ruckusCtrlApWiredClientMac

Object Name	ruckusCtrlApWiredClientMac
Parent Node	ruckusCtrlApWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.1.11.1.6
Description	Wired client MAC address.

Parent topic: [AP Wired Client Table](#)

## 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](#)
- [ruckusCtrlWiredClientMac](#)
- [ruckusCtrlWiredClientUserName](#)

- [ruckusCtrlWiredClientLanPort](#)
- [ruckusCtrlWiredClientVlanId](#)
- [ruckusCtrlWiredClientIp](#)
- [ruckusCtrlWiredClientIpv6](#)
- [ruckusCtrlWiredClientApMac](#)
- [ruckusCtrlWiredClientAuthStatus](#)
- [ruckusCtrlWiredClientRxFrames](#)
- [ruckusCtrlWiredClientTxFrames](#)
- [ruckusCtrlWiredClientRxBytes](#)
- [ruckusCtrlWiredClientTxBytes](#)
- [ruckusCtrlWiredClientRxUcastPkts](#)
- [ruckusCtrlWiredClientTxUcastPkts](#)
- [ruckusCtrlWiredClientRxMcastPkts](#)
- [ruckusCtrlWiredClientRxMcastLegacyPkts](#)
- [ruckusCtrlWiredClientRxMcastLegacyPkts](#)
- [ruckusCtrlWiredClientRxBcastPkts](#)
- [ruckusCtrlWiredClientTxBcastPkts](#)
- [ruckusCtrlWiredClientRxDroppedPkts](#)
- [ruckusCtrlWiredClientTxBcastPkts](#)
- [ruckusCtrlWiredClientRxEapolPkts](#)
- [ruckusCtrlWiredClientTxEapolPkts](#)

**Parent topic:** [Ruckus AP MIB](#)

## ruckusCTRLWiredClientEntry

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientMac

Table 1. 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

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientUserName

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientLanPort

Table 1. 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

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientVlanId

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientIp

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientIpv6

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientApMac

Table 1. 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

Object Name	ruckusCtrlWiredClientApMac
Description	The AP MAC address of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientAuthStatus

Table 1. 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	<p>The authorized status of the wired client:</p> <ul style="list-style-type: none"> <li>• unauthorized (1)</li> <li>• authorized (2)</li> </ul>

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxFrames

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxFrames

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxBytes

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxBytes

Table 1. 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.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxUcastPkts

Table 1. ruckusCtrlWiredClientRxUcastPkts

Object Name	ruckusCtrlWiredClientRxUcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.23
Description	The number of received unicast packets of the wired client

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxUcastPkts

Table 1. ruckusCtrlWiredClientTxUcastPkts

Object Name	ruckusCtrlWiredClientTxUcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.24

Object Name	ruckusCtrlWiredClientTxUcastPkts
Description	The number of transmitted unicast packets of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxMcastPkts

**Table 1.** ruckusCtrlWiredClientRxMcastPkts

Object Name	ruckusCtrlWiredClientRxMcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.25
Description	The number of multicast packets received of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxMcastPkts

**Table 1.** ruckusCtrlWiredClientTxMcastPkts

Object Name	ruckusCtrlWiredClientTxMcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.26
Description	The number of multicast packets transmitted of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxMcastLegacyPkts

**Table 1.** ruckusCtrlWiredClientRxMcastLegacyPkts

Object Name	ruckusCtrlWiredClientRxMcastLegacyPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.27
Description	The total number of multicast legacy packets of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxBcastPkts

**Table 1.** ruckusCtrlWiredClientRxBcastPkts

Object Name	ruckusCtrlWiredClientRxBcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.28
Description	The number of broadcast packets received of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxBcastPkts

**Table 1.** ruckusCtrlWiredClientTxBcastPkts

Object Name	ruckusCtrlWiredClientTxBcastPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.29
Description	The number of broadcast packets transmitted of the wired client.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxDroppedPkts

**Table 1.** ruckusCtrlWiredClientRxDroppedPkts

Object Name	ruckusCtrlWiredClientRxDroppedPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.34
Description	The number of dropped frames received.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxDroppedPkts

**Table 1.** ruckusCtrlWiredClientTxDroppedPkts

Object Name	ruckusCtrlWiredClientTxDroppedPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.35

Object Name	ruckusCtrlWiredClientTxDroppedPkts
Description	The number of transmitted dropped frames.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientRxEapolPkts

**Table 1.** ruckusCtrlWiredClientRxEapolPkts

Object Name	ruckusCtrlWiredClientRxEapolPkts
Parent Node	ruckusCtrlWiredClientTable
Object Identifier	.1.3.6.1.4.1.25053.1.8.1.1.1.2.15.1.36
Description	The number of EAPOL (Extensible Authentication Protocol (EAP) over LAN (EAPoL)) packets received.

Parent topic: [Ruckus Wired Client Table](#)

## ruckusCtrlWiredClientTxEapolPkts

**Table 1.** 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.

Parent topic: [Ruckus Wired Client Table](#)

# Ruckus IPv6 MIB

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The following standard MIB OIDs which supported IPv6 will now be able to use IPv6 address to query SNMP MIB:

## IP-FORWARD-MIB

### [inetCidrRouteTable](#)

Parent topic: [Ruckus IPv6 MIB](#)

## inetCidrRouteTable

Following are the objects related to IP-FORWARD-MIB::inetCidrRouteTable:

- [inetCidrRouteIfIndex](#)
- [inetCidrRouteType](#)
- [inetCidrRouteProto](#)
- [inetCidrRouteAge](#)
- [inetCidrRouteNextHopAS](#)
- [inetCidrRouteMetric1](#)
- [inetCidrRouteMetric2](#)
- [inetCidrRouteMetric3](#)
- [inetCidrRouteMetric4](#)
- [inetCidrRouteMetric5](#)
- [inetCidrRouteStatus](#)

Parent topic: [IP-FORWARD-MIB](#)

## inetCidrRouteIfIndex

**Table 1.** inetCidrRouteIfIndex

Object Name	inetCidrRouteIfIndex
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.7

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteType

**Table 1.** inetCidrRouteType

Object Name	inetCidrRouteType
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.8

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteProto

**Table 1.** inetCidrRouteProto

Object Name	inetCidrRouteProto
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.9

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteAge

**Table 1.** inetCidrRouteAge

Object Name	inetCidrRouteAge
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.10

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteNextHopAS

**Table 1.** inetCidrRouteNextHopAS

Object Name	inetCidrRouteNextHopAS
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.11

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteMetric1

**Table 1.** inetCidrRouteMetric1

Object Name	inetCidrRouteMetric1
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.12

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteMetric2

**Table 1.** inetCidrRouteMetric2

Object Name	inetCidrRouteMetric2
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.13

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteMetric3

**Table 1.** inetCidrRouteMetric3

Object Name	inetCidrRouteMetric3
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.14

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteMetric4

**Table 1.** inetCidrRouteMetric4

Object Name	inetCidrRouteMetric4
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.15

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteMetric5

**Table 1.** inetCidrRouteMetric5

Object Name	inetCidrRouteMetric5
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.16

Parent topic: [inetCidrRouteTable](#)

## inetCidrRouteStatus

**Table 1.** inetCidrRouteStatus

Object Name	inetCidrRouteStatus
Parent Node	inetCidrRouteTable
Object Identifier	.1.3.6.1.2.1.4.24.7.1.17

Parent topic: [inetCidrRouteTable](#)

# IP-MIB

Following are the objects related to IP-MIB:

- [ipv6IpForwarding](#)
- [ipv6IpDefaultHopLimit](#)
- [ipv6InterfaceTableLastChange](#)

Parent topic: [Ruckus IPv6 MIB](#)

## ipv6IpForwarding

**Table 1.** ipv6IpForwarding

Object Name	ipv6IpForwarding
Object Identifier	.1.3.6.1.2.1.4.25

Parent topic: [IP-MIB](#)

## ipv6IpDefaultHopLimit

**Table 1.** ipv6IpDefaultHopLimit

Object Name	ipv6IpDefaultHopLimit
Object Identifier	.1.3.6.1.2.1.4.26

Parent topic: [IP-MIB](#)

## ipv6InterfaceTableLastChange

**Table 1.** ipv6InterfaceTableLastChange

Object Name	ipv6InterfaceTableLastChange
Object Identifier	.1.3.6.1.2.1.4.29

Parent topic: [IP-MIB](#)

## ipv6InterfaceTable

Following are the objects related to IP-MIB::ipv6InterfaceTable:

- [ipv6InterfaceReasmMaxSize](#)
- [ipv6InterfaceIdentifier](#)
- [ipv6InterfaceEnableStatus](#)
- [ipv6InterfaceReachableTime](#)
- [ipv6InterfaceRetransmitTime](#)
- [ipv6InterfaceForwarding](#)

Parent topic: [IP-MIB](#)

## ipv6InterfaceReasmMaxSize

**Table 1.** ipv6InterfaceReasmMaxSize

Object Name	ipv6InterfaceReasmMaxSize
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.2

Parent topic: [ipv6InterfaceTable](#)

## ipv6InterfaceIdentifier

**Table 1.** ipv6InterfaceIdentifier

Object Name	ipv6InterfaceIdentifier
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.3

Parent topic: [ipv6InterfaceTable](#)

## ipv6InterfaceEnableStatus

**Table 1.** ipv6InterfaceEnableStatus

Object Name	ipv6InterfaceEnableStatus
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.5

Parent topic: [ipv6InterfaceTable](#)

## ipv6InterfaceReachableTime

**Table 1.** ipv6InterfaceReachableTime

Object Name	ipv6InterfaceReachableTime
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.6

Parent topic: [ipv6InterfaceTable](#)

## ipv6InterfaceRetransmitTime

**Table 1.** ipv6InterfaceRetransmitTime

Object Name	ipv6InterfaceRetransmitTime
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.7

Parent topic: [ipv6InterfaceTable](#)

## ipv6InterfaceForwarding

**Table 1.** ipv6InterfaceForwarding

Object Name	ipv6InterfaceForwarding
Parent Node	ipv6InterfaceTable
Object Identifier	.1.3.6.1.2.1.4.30.1.8

Parent topic: [ipv6InterfaceTable](#)

## ipSystemStatsTable

Following are the objects related to IP-MIB::ipSystemStatsTable:

Object	Object	Object
<a href="#">ipSystemStatsInReceives</a>	<a href="#">ipSystemStatsHCInReceives</a>	<a href="#">ipSystemStatsInOctets</a>
<a href="#">ipSystemStatsHCInOctets</a>	<a href="#">ipSystemStatsInHdrErrors</a>	<a href="#">ipSystemStatsInNoRoutes</a>
<a href="#">ipSystemStatsInAddrErrors</a>	<a href="#">ipSystemStatsInUnknownProtos</a>	<a href="#">ipSystemStatsInTruncatedPkts</a>
<a href="#">ipSystemStatsInForwDatagrams</a>	<a href="#">ipSystemStatsHCInForwDatagrams</a>	<a href="#">ipSystemStatsReasmReqds</a>
<a href="#">ipSystemStatsReasmOKs</a>	<a href="#">ipSystemStatsReasmFails</a>	<a href="#">ipSystemStatsInDiscards</a>
<a href="#">ipSystemStatsInDelivers</a>	<a href="#">ipSystemStatsHCInDelivers</a>	<a href="#">ipSystemStatsOutRequests</a>
<a href="#">ipSystemStatsHCOutRequests</a>	<a href="#">ipSystemStatsOutNoRoutes</a>	<a href="#">ipSystemStatsOutForwDatagrams</a>

Object	Object	Object
ipSystemStatsHCOutForwDatagrams	ipSystemStatsOutDiscards	ipSystemStatsOutFragReqs
ipSystemStatsOutFragOKs	ipSystemStatsOutFragFails	ipSystemStatsOutFragCreates
ipSystemStatsOutTransmits	ipSystemStatsHCOutTransmits	ipSystemStatsOutOctets
ipSystemStatsHCOutOctets	ipSystemStatsInMcastPkts	ipSystemStatsHCInMcastPkts
ipSystemStatsInMcastOctets	ipSystemStatsHCInMcastOctets	ipSystemStatsOutMcastPkts
ipSystemStatsHCOutMcastPkts	ipSystemStatsOutMcastOctets	ipSystemStatsHCOutMcastOctets
ipSystemStatsDiscontinuityTime	ipSystemStatsRefreshRate	

Parent topic: [IP-MIB](#)

## ipSystemStatsInReceives

**Table 1.** ipSystemStatsInReceives

Object Name	ipSystemStatsInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.3

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInReceives

**Table 1.** ipSystemStatsHCInReceives

Object Name	ipSystemStatsHCInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.4

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInOctets

**Table 1.** ipSystemStatsInOctets

Object Name	ipSystemStatsInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.5

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInOctets

**Table 1.** ipSystemStatsHCInOctets

Object Name	ipSystemStatsHCInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.6

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInHdrErrors

**Table 1.** ipSystemStatsInHdrErrors

Object Name	ipSystemStatsInHdrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.7

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInNoRoutes

**Table 1.** ipSystemStatsInNoRoutes

Object Name	ipSystemStatsInNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.8

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInAddrErrors

**Table 1.** ipSystemStatsInAddrErrors

Object Name	ipSystemStatsInAddrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.9

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInUnknownProtos

**Table 1.** ipSystemStatsInUnknownProtos

Object Name	ipSystemStatsInUnknownProtos
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.10

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInTruncatedPkts

**Table 1.** ipSystemStatsInTruncatedPkts

Object Name	ipSystemStatsInTruncatedPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.11

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInForwDatagrams

**Table 1.** ipSystemStatsInForwDatagrams

Object Name	ipSystemStatsInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.12

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInForwDatagrams

**Table 1.** ipSystemStatsHCInForwDatagrams

Object Name	ipSystemStatsHCInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.13

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsReasmReqds

**Table 1.** ipSystemStatsReasmReqds

Object Name	ipSystemStatsReasmReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.14

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsReasmOKs

**Table 1.** ipSystemStatsReasmOKs

Object Name	ipSystemStatsReasmOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.15

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsReasmFails

**Table 1.** ipSystemStatsReasmFails

Object Name	ipSystemStatsReasmFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.16

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInDiscards

**Table 1.** ipSystemStatsInDiscards

Object Name	ipSystemStatsInDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.17

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInDelivers

**Table 1.** ipSystemStatsInDelivers

Object Name	ipSystemStatsInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.18

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInDelivers

**Table 1.** ipSystemStatsHCInDelivers

Object Name	ipSystemStatsHCInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.19

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutRequests

**Table 1.** ipSystemStatsOutRequests

Object Name	ipSystemStatsOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.20

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutRequests

**Table 1.** ipSystemStatsHCOutRequests

Object Name	ipSystemStatsHCOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.21

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutNoRoutes

**Table 1.** ipSystemStatsOutNoRoutes

Object Name	ipSystemStatsOutNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.22

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutForwDatagrams

**Table 1.** ipSystemStatsOutForwDatagrams

Object Name	ipSystemStatsOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.23

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutForwDatagrams

**Table 1.** ipSystemStatsHCOutForwDatagrams

Object Name	ipSystemStatsHCOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.24

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutDiscards

**Table 1.** ipSystemStatsOutDiscards

Object Name	ipSystemStatsOutDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.25

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutFragReqds

**Table 1.** ipSystemStatsOutFragReqds

Object Name	ipSystemStatsOutFragReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.26

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutFragOKs

**Table 1.** ipSystemStatsOutFragOKs

Object Name	ipSystemStatsOutFragOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.27

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutFragFails

**Table 1.** ipSystemStatsOutFragFails

Object Name	ipSystemStatsOutFragFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.28

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutFragCreates

**Table 1.** ipSystemStatsOutFragCreates

Object Name	ipSystemStatsOutFragCreates
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.29

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutTransmits

**Table 1.** ipSystemStatsOutTransmits

Object Name	ipSystemStatsOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.30

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutTransmits

**Table 1.** ipSystemStatsHCOutTransmits

Object Name	ipSystemStatsHCOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.31

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutOctets

**Table 1.** ipSystemStatsOutOctets

Object Name	ipSystemStatsOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.32

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutOctets

**Table 1.** ipSystemStatsHCOutOctets

Object Name	ipSystemStatsHCOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.33

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInMcastPkts

**Table 1.** ipSystemStatsInMcastPkts

Object Name	ipSystemStatsInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.34

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInMcastPkts

**Table 1.** ipSystemStatsHCInMcastPkts

Object Name	ipSystemStatsHCInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.35

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsInMcastOctets

**Table 1.** ipSystemStatsInMcastOctets

Object Name	ipSystemStatsInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.36

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCInMcastOctets

**Table 1.** ipSystemStatsHCInMcastOctets

Object Name	ipSystemStatsHCInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.37

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutMcastPkts

**Table 1.** ipSystemStatsOutMcastPkts

Object Name	ipSystemStatsOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.38

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutMcastPkts

**Table 1.** ipSystemStatsHCOutMcastPkts

Object Name	ipSystemStatsHCOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.39

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsOutMcastOctets

**Table 1.** ipSystemStatsOutMcastOctets

Object Name	ipSystemStatsOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.40

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsHCOutMcastOctets

**Table 1.** ipSystemStatsHCOutMcastOctets

Object Name	ipSystemStatsHCOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.41

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsDiscontinuityTime

**Table 1.** ipSystemStatsDiscontinuityTime

Object Name	ipSystemStatsDiscontinuityTime
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.46

Parent topic: [ipSystemStatsTable](#)

## ipSystemStatsRefreshRate

**Table 1.** ipSystemStatsRefreshRate

Object Name	ipSystemStatsRefreshRate
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.1.1.47

Parent topic: [ipSystemStatsTable](#)

## ipIfStatsTable

Following are the objects related to IP-MIB::ipIfStatsTable:

Object	Object	Object
<a href="#">ipIfStatsInReceives</a>	<a href="#">ipIfStatsHCInReceives</a>	<a href="#">ipIfStatsInOctets</a>
<a href="#">ipIfStatsHCInOctets</a>	<a href="#">ipIfStatsInHdrErrors</a>	<a href="#">ipIfStatsInNoRoutes</a>
<a href="#">ipIfStatsInAddrErrors</a>	<a href="#">ipIfStatsInUnknownProtos</a>	<a href="#">ipIfStatsInTruncatedPkts</a>

Object	Object	Object
ipIfStatsInForwDatagrams	ipIfStatsHcInForwDatagrams	ipIfStatsReasmReqds
ipIfStatsReasmOKs	ipIfStatsReasmFails	ipIfStatsInDiscards
ipIfStatsInDelivers	ipIfStatsHcInDelivers	ipIfStatsOutRequests
ipIfStatsHcOutRequests	ipIfStatsOutForwDatagrams	ipIfStatsHcOutForwDatagrams
ipIfStatsOutDiscards	ipIfStatsOutFragReqds	ipIfStatsOutFragOKs
ipIfStatsOutFragFails	ipIfStatsOutFragCreates	ipIfStatsOutTransmits
ipIfStatsHcOutTransmits	ipIfStatsOutOctets	ipIfStatsHcOutOctets
ipIfStatsInMcastPkts	ipIfStatsHcInMcastPkts	ipIfStatsInMcastOctets
ipIfStatsHcInMcastOctets	ipIfStatsOutMcastPkts	ipIfStatsHcOutMcastPkts
ipIfStatsOutMcastOctets	ipIfStatsHcOutMcastOctets	ipIfStatsDiscontinuityTime
ipIfStatsRefreshRate		

Parent topic: [IP-MIB](#)

## ipIfStatsInReceives

**Table 1.** ipIfStatsInReceives

Object Name	ipIfStatsInReceives
Parent Node	ipIfStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.3

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInReceives

**Table 1.** ipIfStatsHCInReceives

Object Name	ipIfStatsHCInReceives
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.4

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInOctets

**Table 1.** ipIfStatsInOctets

Object Name	ipIfStatsInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.5

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInOctets

**Table 1.** ipIfStatsHCInOctets

Object Name	ipIfStatsHCInOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.6

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInHdrErrors

**Table 1.** ipIfStatsInHdrErrors

Object Name	ipIfStatsInHdrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.7

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInNoRoutes

**Table 1.** ipIfStatsInNoRoutes

Object Name	ipIfStatsInNoRoutes
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.8

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInAddrErrors

**Table 1.** ipIfStatsInAddrErrors

Object Name	ipIfStatsInAddrErrors
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.9

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInUnknownProtos

**Table 1.** ipIfStatsInUnknownProtos

Object Name	ipIfStatsInUnknownProtos
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.10

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInTruncatedPkts

**Table 1.** ipIfStatsInTruncatedPkts

Object Name	ipIfStatsInTruncatedPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.11

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInForwDatagrams

**Table 1.** ipIfStatsInForwDatagrams

Object Name	ipIfStatsInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.12

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInForwDatagrams

**Table 1.** ipIfStatsHCInForwDatagrams

Object Name	ipIfStatsHCInForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.13

Parent topic: [ipIfStatsTable](#)

## ipIfStatsReasmReqds

**Table 1.** iipIfStatsReasmReqds

Object Name	ipIfStatsReasmReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.14

Parent topic: [ipIfStatsTable](#)

## ipIfStatsReasmOKs

**Table 1.** ipIfStatsReasmOKs

Object Name	ipIfStatsReasmOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.15

Parent topic: [ipIfStatsTable](#)

## ipIfStatsReasmFails

**Table 1.** ipIfStatsReasmFails

Object Name	ipIfStatsReasmFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.16

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInDiscards

**Table 1.** ipIfStatsInDiscards

Object Name	ipIfStatsInDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.17

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInDelivers

**Table 1.** ipIfStatsInDelivers

Object Name	ipIfStatsInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.18

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInDelivers

**Table 1.** ipIfStatsHCInDelivers

Object Name	ipIfStatsHCInDelivers
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.19

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutRequests

**Table 1.** ipIfStatsOutRequests

Object Name	ipIfStatsOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.20

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutRequests

**Table 1.** ipIfStatsHCOutRequests

Object Name	ipIfStatsHCOutRequests
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.21

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutForwDatagrams

**Table 1.** iipIfStatsOutForwDatagrams

Object Name	ipIfStatsOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.23

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutForwDatagrams

**Table 1.** ipIfStatsHCOutForwDatagrams

Object Name	ipIfStatsHCOutForwDatagrams
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.24

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutDiscards

**Table 1.** ipIfStatsOutDiscards

Object Name	ipIfStatsOutDiscards
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.25

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutFragReqds

**Table 1.** ipIfStatsOutFragReqds

Object Name	ipIfStatsOutFragReqds
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.26

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutFragOKs

**Table 1.** ipIfStatsOutFragOKs

Object Name	ipIfStatsOutFragOKs
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.27

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutFragFails

**Table 1.** ipIfStatsOutFragFails

Object Name	ipIfStatsOutFragFails
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.28

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutFragCreates

**Table 1.** ipIfStatsOutFragCreates

Object Name	ipIfStatsOutFragCreates
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.29

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutTransmits

**Table 1.** ipIfStatsOutTransmits

Object Name	ipIfStatsOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.30

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutTransmits

**Table 1.** ipIfStatsHCOutTransmits

Object Name	ipIfStatsHCOutTransmits
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.31

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutOctets

**Table 1.** ipIfStatsOutOctets

Object Name	ipIfStatsOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.32

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutOctets

**Table 1.** ipIfStatsHCOutOctets

Object Name	ipIfStatsHCOutOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.33

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInMcastPkts

**Table 1.** ipIfStatsInMcastPkts

Object Name	ipIfStatsInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.34

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInMcastPkts

**Table 1.** ipIfStatsHCInMcastPkts

Object Name	ipIfStatsHCInMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.35

Parent topic: [ipIfStatsTable](#)

## ipIfStatsInMcastOctets

**Table 1.** ipIfStatsInMcastOctets

Object Name	ipIfStatsInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.36

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCInMcastOctets

**Table 1.** ipIfStatsHCInMcastOctets

Object Name	ipIfStatsHCInMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.37

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutMcastPkts

**Table 1.** ipIfStatsOutMcastPkts

Object Name	ipIfStatsOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.38

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutMcastPkts

**Table 1.** ipIfStatsHCOutMcastPkts

Object Name	ipIfStatsHCOutMcastPkts
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.39

Parent topic: [ipIfStatsTable](#)

## ipIfStatsOutMcastOctets

**Table 1.** ipIfStatsOutMcastOctets

Object Name	ipIfStatsOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.40

Parent topic: [ipIfStatsTable](#)

## ipIfStatsHCOutMcastOctets

**Table 1.** ipIfStatsHCOutMcastOctets

Object Name	ipIfStatsHCOutMcastOctets
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.41

Parent topic: [ipIfStatsTable](#)

## ipIfStatsDiscontinuityTime

**Table 1.** ipIfStatsDiscontinuityTime

Object Name	ipIfStatsDiscontinuityTime
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.46

Parent topic: [ipIfStatsTable](#)

## ipIfStatsRefreshRate

**Table 1.** ipIfStatsRefreshRate

Object Name	ipIfStatsRefreshRate
Parent Node	ipSystemStatsTable
Object Identifier	.1.3.6.1.2.1.4.31.3.1.47

Parent topic: [ipIfStatsTable](#)

## ipAddressPrefixTable

Following are the objects related to IP-MIB::ipAddressPrefixTable:

- [ipAddressPrefixOrigin](#)
- [ipAddressPrefixOnLinkFlag](#)
- [ipAddressPrefixAutonomousFlag](#)
- [ipAddressPrefixAdvPreferredLifetime](#)
- [ipAddressPrefixAdvValidLifetime](#)

Parent topic: [IP-MIB](#)

## ipAddressPrefixOrigin

**Table 1.** ipAddressPrefixOrigin

Object Name	ipAddressPrefixOrigin
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.5

Parent topic: [ipAddressPrefixTable](#)

## ipAddressPrefixOnLinkFlag

**Table 1.** ipAddressPrefixOnLinkFlag

Object Name	ipAddressPrefixOnLinkFlag
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.6

Parent topic: [ipAddressPrefixTable](#)

## ipAddressPrefixAutonomousFlag

**Table 1.** ipAddressPrefixAutonomousFlag

Object Name	ipAddressPrefixAutonomousFlag
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.7

Parent topic: [ipAddressPrefixTable](#)

## ipAddressPrefixAdvPreferredLifetime

**Table 1.** ipAddressPrefixAdvPreferredLifetime

Object Name	ipAddressPrefixAdvPreferredLifetime
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.8

Parent topic: [ipAddressPrefixTable](#)

## ipAddressPrefixAdvValidLifetime

**Table 1.** ipAddressPrefixAdvValidLifetime

Object Name	ipAddressPrefixAdvValidLifetime
Parent Node	ipAddressPrefixTable
Object Identifier	.1.3.6.1.2.1.4.32.1.9

Parent topic: [ipAddressPrefixTable](#)

## ipAddressTable

Following are the objects related to IP-MIB::ipAddressTable:

- [ipAddressIfIndex](#)
- [ipAddressType](#)
- [ipAddressPrefix](#)
- [ipAddressOrigin](#)
- [ipAddressStatus](#)
- [ipAddressCreated](#)
- [ipAddressLastChanged](#)
- [ipAddressRowStatus](#)
- [ipAddressStorageType](#)

Parent topic: [IP-MIB](#)

## ipAddressIfIndex

**Table 1.** ipAddressIfIndex

Object Name	ipAddressIfIndex
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.3

Parent topic: [ipAddressTable](#)

## ipAddressType

**Table 1.** ipAddressType

Object Name	ipAddressType
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.4

Parent topic: [ipAddressTable](#)

## ipAddressPrefix

**Table 1.** ipAddressPrefix

Object Name	ipAddressPrefix
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.5

Parent topic: [ipAddressTable](#)

## ipAddressOrigin

**Table 1.** ipAddressOrigin

Object Name	ipAddressOrigin
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.6

Parent topic: [ipAddressTable](#)

## ipAddressStatus

**Table 1.** ipAddressStatus

Object Name	ipAddressStatus
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.7

Parent topic: [ipAddressTable](#)

## ipAddressCreated

**Table 1.** ipAddressCreated

Object Name	ipAddressCreated
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.8

Parent topic: [ipAddressTable](#)

## ipAddressLastChanged

**Table 1.** ipAddressLastChanged

Object Name	ipAddressLastChanged
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.9

Parent topic: [ipAddressTable](#)

## ipAddressRowStatus

**Table 1.** ipAddressRowStatus

Object Name	ipAddressRowStatus
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.10

Parent topic: [ipAddressTable](#)

## ipAddressStorageType

**Table 1.** ipAddressStorageType

Object Name	ipAddressStorageType
Parent Node	ipAddressTable
Object Identifier	.1.3.6.1.2.1.4.34.1.11

Parent topic: [ipAddressTable](#)

## ipNetToPhysicalTable

Following are the objects related to IP-MIB::ipNetToPhysicalTable:

- [ipNetToPhysicalPhysAddress](#)
- [ipNetToPhysicalLastUpdated](#)
- [ipNetToPhysicalRowStatus](#)
- [ipNetToPhysicalState](#)
- [ipNetToPhysicalType](#)

Parent topic: [IP-MIB](#)

## ipNetToPhysicalPhysAddress

Table 1. ipNetToPhysicalPhysAddress

Object Name	ipNetToPhysicalPhysAddress
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.4

Parent topic: [ipNetToPhysicalTable](#)

## ipNetToPhysicalLastUpdated

Table 1. ipNetToPhysicalLastUpdated

Object Name	ipNetToPhysicalLastUpdated
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.5

Parent topic: [ipNetToPhysicalTable](#)

## ipNetToPhysicalRowStatus

Table 1. ipNetToPhysicalRowStatus

Object Name	ipNetToPhysicalRowStatus
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.6

Parent topic: [ipNetToPhysicalTable](#)

## ipNetToPhysicalState

**Table 1.** ipNetToPhysicalState

Object Name	ipNetToPhysicalState
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.7

Parent topic: [ipNetToPhysicalTable](#)

## ipNetToPhysicalType

**Table 1.** ipNetToPhysicalType

Object Name	ipNetToPhysicalType
Parent Node	ipNetToPhysicalTable
Object Identifier	.1.3.6.1.2.1.4.35.1.8

Parent topic: [ipNetToPhysicalTable](#)

## ipv6ScopeZoneIndexTable

Following are the objects related to IP-MIB::ipv6ScopeZoneIndexTable:

- [ipv6ScopeZoneIndexLinkLocal](#)
- [ipv6ScopeZoneIndex3](#)
- [ipv6ScopeZoneIndexAdminLocal](#)
- [ipv6ScopeZoneIndexSiteLocal](#)
- [ipv6ScopeZoneIndex6](#)
- [ipv6ScopeZoneIndex7](#)
- [ipv6ScopeZoneIndexOrganizationLocal](#)
- [ipv6ScopeZoneIndex9](#)
- [ipv6ScopeZoneIndexA](#)
- [ipv6ScopeZoneIndexB](#)
- [ipv6ScopeZoneIndexC](#)

- [ipv6ScopeZoneIndexD](#)

Parent topic: [IP-MIB](#)

## ipv6ScopeZoneIndexLinkLocal

Table 1. ipv6ScopeZoneIndexLinkLocal

Object Name	ipv6ScopeZoneIndexLinkLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.2

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndex3

Table 1. ipv6ScopeZoneIndex3

Object Name	ipv6ScopeZoneIndex3
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.3

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexAdminLocal

Table 1. ipv6ScopeZoneIndexAdminLocal

Object Name	ipv6ScopeZoneIndexAdminLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.4

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexSiteLocal

Table 1. ipv6ScopeZoneIndexSiteLocal

Object Name	ipv6ScopeZoneIndexSiteLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.5

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndex6

**Table 1.** ipv6ScopeZoneIndex6

Object Name	ipv6ScopeZoneIndex6
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.6

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndex7

**Table 1.** ipv6ScopeZoneIndex7

Object Name	ipv6ScopeZoneIndex7
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.7

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexOrganizationLocal

**Table 1.** ipv6ScopeZoneIndexOrganizationLocal

Object Name	ipv6ScopeZoneIndexOrganizationLocal
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.8

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndex9

**Table 1.** ipv6ScopeZoneIndex9

Object Name	ipv6ScopeZoneIndex9
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.9

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexA

**Table 1.** ipv6ScopeZoneIndexA

Object Name	ipv6ScopeZoneIndexA
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.10

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexB

**Table 1.** ipv6ScopeZoneIndexB

Object Name	ipv6ScopeZoneIndexB
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.11

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexC

**Table 1.** ipv6ScopeZoneIndexC

Object Name	ipv6ScopeZoneIndexC
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.12

Parent topic: [ipv6ScopeZoneIndexTable](#)

## ipv6ScopeZoneIndexD

**Table 1.** ipv6ScopeZoneIndexD

Object Name	ipv6ScopeZoneIndexD
Parent Node	ipv6ScopeZoneIndexTable
Object Identifier	.1.3.6.1.2.1.4.36.1.13

Parent topic: [ipv6ScopeZoneIndexTable](#)

## icmpStatsTable

Following are the objects related to IP-MIB::icmpStatsTable:

- [icmpStatsInMsgs](#)
- [icmpStatsInErrors](#)
- [icmpStatsOutMsgs](#)
- [icmpStatsOutErrors](#)

Parent topic: [IP-MIB](#)

## icmpStatsInMsgs

**Table 1.** icmpStatsInMsgs

Object Name	icmpStatsInMsgs
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.2

Parent topic: [icmpStatsTable](#)

## icmpStatsInErrors

**Table 1.** icmpStatsInErrors

Object Name	icmpStatsInErrors
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.3

Parent topic: [icmpStatsTable](#)

## icmpStatsOutMsgs

**Table 1.** icmpStatsOutMsgs

Object Name	icmpStatsOutMsgs
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.4

Parent topic: [icmpStatsTable](#)

## icmpStatsOutErrors

**Table 1.** icmpStatsOutErrors

Object Name	icmpStatsOutErrors
Parent Node	icmpStatsTable
Object Identifier	.1.3.6.1.2.1.5.29.1.5

Parent topic: [icmpStatsTable](#)

## icmpMsgStatsTable

Following are the objects related to IP-MIB::icmpMsgStatsTable:

- [icmpMsgStatsInPkts](#)
- [icmpMsgStatsOutPkts](#)

Parent topic: [IP-MIB](#)

## icmpMsgStatsInPkts

**Table 1.** icmpMsgStatsInPkts

Object Name	icmpMsgStatsInPkts
Parent Node	icmpMsgStatsTable
Object Identifier	.1.3.6.1.2.1.5.30.1.3

Parent topic: [icmpMsgStatsTable](#)

## icmpMsgStatsOutPkts

**Table 1.** icmpMsgStatsOutPkts

Object Name	icmpMsgStatsOutPkts
Parent Node	icmpMsgStatsTable
Object Identifier	.1.3.6.1.2.1.5.30.1.4

Parent topic: [icmpMsgStatsTable](#)

## TCP-MIB

[tcpListenerTable](#)

[tcpConnectionTable](#)Parent topic: [Ruckus IPv6 MIB](#)

## tcpListenerTable

Object(s) related to TCP-MIB::tcpListenerTable:

- [tcpListenerProcess](#)

Parent topic: [TCP-MIB](#)

## tcpListenerProcess

**Table 1.** tcpListenerProcess

Object Name	tcpListenerProcess
Parent Node	tcpListenerTable
Object Identifier	.1.3.6.1.2.1.6.20.1.4

Parent topic: [tcpListenerTable](#)

## tcpConnectionTable

Following are the objects related to TCP-MIB::tcpConnectionTable:

- [tcpConnectionState](#)
- [tcpConnectionProcess](#)

Parent topic: [TCP-MIB](#)

## tcpConnectionState

**Table 1.** tcpConnectionState

Object Name	tcpConnectionState
Parent Node	tcpConnectionTable
Object Identifier	.1.3.6.1.2.1.6.19.1.7

Parent topic: [tcpConnectionTable](#)

## tcpConnectionProcess

**Table 1.** tcpConnectionProcess

Object Name	tcpConnectionProcess
Parent Node	tcpConnectionTable
Object Identifier	.1.3.6.1.2.1.6.19.1.8

Parent topic: [tcpConnectionTable](#)

## UDP-MIB

### [udpEndpointTable](#)

Parent topic: [Ruckus IPv6 MIB](#)

## udpEndpointTable

Object(s) related to UDP-MIB::udpEndpointTable:

- [udpEndpointProcess](#)

Parent topic: [UDP-MIB](#)

## udpEndpointProcess

**Table 1.** udpEndpointProcess

Object Name	udpEndpointProcess
Parent Node	udpEndpointTable
Object Identifier	.1.3.6.1.2.1.7.7.1.8

Parent topic: [udpEndpointTable](#)

## IPV6-MIB

Following are the objects related to IPV6-MIB:

- [ipv6Forwarding](#)
- [ipv6DefaultHopLimit](#)
- [ipv6Interfaces](#)

Parent topic: [Ruckus IPv6 MIB](#)

## ipv6Forwarding

Table 1. ipv6Forwarding

Object Name	ipv6Forwarding
Object Identifier	.1.3.6.1.2.1.55.1.1

Parent topic: [IPV6-MIB](#)

## ipv6DefaultHopLimit

Table 1. ipv6DefaultHopLimit

Object Name	ipv6DefaultHopLimit
Object Identifier	.1.3.6.1.2.1.55.1.2

Parent topic: [IPV6-MIB](#)

## ipv6Interfaces

Table 1. ipv6Interfaces

Object Name	ipv6Interfaces
Object Identifier	.1.3.6.1.2.1.55.1.3

Parent topic: [IPV6-MIB](#)

## ipv6IfTable

Following are the objects related to IPV6-MIB::ipv6IfTable:

- [ipv6IfDescr](#)
- [ipv6IfLowerLayer](#)
- [ipv6IfPhysicalAddress](#)
- [ipv6IfPhysicalAddress](#)
- [ipv6IfAdminStatus](#)
- [ipv6IfOperStatus](#)

Parent topic: [IPV6-MIB](#)

## ipv6IfDescr

**Table 1.** ipv6IfDescr

Object Name	ipv6IfDescr
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.2

Parent topic: [ipv6IfTable](#)

## ipv6IfLowerLayer

**Table 1.** ipv6IfLowerLayer

Object Name	ipv6IfLowerLayer
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.3

Parent topic: [ipv6IfTable](#)

## ipv6IfPhysicalAddress

**Table 1.** ipv6IfPhysicalAddress

Object Name	ipv6IfPhysicalAddress
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.4

Parent topic: [ipv6IfTable](#)

## ipv6IfPhysicalAddress

**Table 1.** ipv6IfPhysicalAddress

Object Name	ipv6IfPhysicalAddress
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.8

Parent topic: [ipv6IfTable](#)

## ipv6IfAdminStatus

**Table 1.** ipv6IfAdminStatus

Object Name	ipv6IfAdminStatus
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.9

Parent topic: [ipv6IfTable](#)

## ipv6IfOperStatus

**Table 1.** ipv6IfOperStatus

Object Name	ipv6IfOperStatus
Parent Node	ipv6IfTable
Object Identifier	.1.3.6.1.2.1.55.1.5.1.10

Parent topic: [ipv6IfTable](#)

# SmartZone Event Traps

[ruckusSZSystemMiscEventTrap](#)

[ruckusSZAPMiscEventTrap](#)

[ruckusSZClientMiscEventTrap](#)

## ruckusSZSystemMiscEventTrap

- Object Name - [ruckusSZSystemMiscEventTrap](#)
- Object Identifier -.1.3.6.1.4.1.25053.2.11.1.1

Event	Event	Event
0:Unknown	195:scheduleZoneFirmwareUpgrade	356:apIllegalToChange3rdRadioBand
357: apIllegal6gVAPCreation	358: ap6gWLANCfgDone	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
628: dpSwitchover	629: dpSwitchoverFailed	
725:scgLBSSstartLocationService	727:scgLBSSentControllerInfo	

Event	Event	Event
728:scgLBSCvdMgmtRequest	729:scgLBSSendAPInfobyVenueReport	730:scgLBSSendVenuesReport
731:scgLBSSendClientInfo	732:scgLBSPwdPassiveCalReq	734:scgLBSCvdUnrecognizedRequest
753: serviceUnavailable	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
855: unsyncNTPTime	859: NtpServerReachFailed	869: Reindex ElasticSearchfinished
870: clusterInitContactApr	872: allServiceOutOfService	873: allServiceInService
874: clusterRedundancySyncCfgFailed	875: clusterRedundancySyncCfgStart	876: clusterRedundancySyncCfgSuccess
877: clusterRedundantRestoreCfgFailed	878: clusterRedundantRestoreCfgStart	879: clusterRedundantRestoreCfgSuccess
880: clusterRedundantBackMonitoring	881: clusterRedundancyApRehomeInc complete	882: clusterRedundancyConnectToTargetClusterFailed

Event	Event	Event
886:	887: clusterRedundancyDpRehomeInc omplete	
	890: certificateAboutToExpire	891: certificateExpire
892: certificateGenerateResult	956: clientCountDropThresholdExceed ed	957: ioUtilizationThresholdExceeded
958: ioUtilizationBackToNormal	962: apCapacityReached	
963: connectedDeviceMaxCapacityRea ched	964: connectedDeviceThresholdBackT oNormal	970:ftpTransfer
980:fileUpload	981:mailSendSuccess	982:mailSendFailed
983:smsSendSuccess	984:smsSendFailed	1007:cfgUpdSuccess
1012:incorrectFlatFileCfg	1014:hipStarted	1015:hipStopped
1017:standbyHipRestart	1018:hipCacheCleanup	1019: Unconfirmed Program Detection
1024: apCfgNonDhcpNatWlanVlanConfi gMismatch	1025: apCfgDhcpNatWlanVlanConfigMi smatch	1254:licenseImported
1255:licenseGoingToExpire	1256:apConnectionTerminatedDu eToInsufficientLicense	1257: dpDcToCaleaConnected
1258: dpDcToCaleaConnectFail	1259: dpDcToCaleaDisconnected	1260: dpP2PTunnelConnected
1261: dpP2PTunnelConnectFail	1262: dpP2PTunnelDisconnected	1263: dpStartMirroringClient

Event	Event	Event
	1265: dpDhcpIpPoolUsageRate100	1266: dpDhcpIpPoolUsageRate80
1267: zoneAffinityLastDpDisconnected	1268: dpCaleaUeInterimMatched	1277: dpDhcpIpLicenseNotEnough
1278: dpNatSessionLicenseNotEnough	1281: urlFilteringLicenseInsufficient	1283: dpNatSessionCapacityUsageRate 80
1284: dpNatSessionCapacityUsageRate 100	1285: dpDhcpIpCapacityUsageRate80	1286: dpDhcpIpCapacityUsageRate100
1287: dpDhcpIpLicenseRemoved	1288: dpNatSessionLicenseRemoved	1289: switchConnectionTerminatedDue ToInsufficientLicense
1290: dpBackupSuccess	1291: dpBackupCompressFailed	1292: dpRestoreSuccess
1293: dpRestoreDecompressFailed	1300:rateLimitThresholdSurpassed	1301:rateLimitThresholdRestored
1350: apOperateinBT5-35w		
1401:diaInitalizeErr	1402:diaInitialization	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

Event	Event	Event
1554:staSessionTermSCGInitSuccess	1555:staSessionTermAAAINitSuccess	1556:staSessionTermAAAINitFail
1557:staReAuthSuccess	1558:staReAuthFailed	1559:staResponseTimerExpired
1560:retransmitExhausted		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	1761: racADLDAPTLSSuccess	1762: racADLDAPTLSFailed

Event	Event	Event
1763: racTLSEstablishmentFailedBetweenSZandExternalAAAServer	1771: racDNSResolveFailed	
1801:3rdPartyAPConnected	1908:apAcctRetransmittedMsgDropped	
2001:zdAPMigrating	2002:zdAPMigrated	2003:zdAPRejected
2004:zdAPMigrationFailed	2501:nodeIPv6Added	2502:nodeIPv6Deleted
2901: dplpmiVoltage	2902: dplpmiThempBB	2904: dplpmiThempIOH
2905: dplpmiThempMemP	2913: dplpmiPsStatus	2926: dplpmiREVoltage
2929: dplpmiREThempIOH	2930: dplpmiREThempMemP	2938: dplpmiRePsStatus
2961: dpSSDHealthDegrade	3001:cassandraError	3011: recoverCassandraError
4501: cloudServicesEnabled		
4502: cloudServicesDisabled	4503: cloudAnalyticsEnabled	4504: cloudAnalyticsDisabled
4505: cloudAnalyticsDisconnected	4701: connected	4702: disconnected
4703: connectingFailure	4801: cloudAPRegistrarSyncEnabled	4802: cloudAPRegistrarSyncDisabled
4803: cloudAPRegistrarSyncSZInfo	5007:lmaHbUnreachable	5011:bindingExpired
4804: cloudAPRegistrarSyncAPIInfo		
5012:bindingRevoked	5013:bindingReleased	7001:tooManyUsers
7002:tooManyDevices	8010: passwordExpiration	8011 adminAccountLockout

Event	Event	Event
8012: AdminSessionExpired	8013: DisableInactiveAdmins	8014:twoFactorAuthFailed
99000: keyGenFail	99100: szKeyGenFail	99101: apTmpfsThresholdExceeded
99102: apWritablefsThresholdExceeded	99103: szSysIPsecIKEUp	99104: szSysIPsecIKEDown
99105: szAuthAction		
99200: dpIntegrityTestFailed	99201: dpCliEnableFailed	99202: dpReAuth
99203: dpPasswordMinLengthUpdated	99204: dpPasswordChanged	99205: dpEnablePasswordChanged
99206: dpHttpsAuthFailed	99207: dpCertUploaded	99208: dpScgFqdnUpdated
99210: dpInitUpgrade	99211: dpDiscontinuousTimeChangeNTP ServerdpNtpTimeSync	99212: dpUserLogin
99213: dpUserLoginFailed	99214: dpUserLogout	99215: dpAccountLocked
99220: dpSessionIdleUpdated	99221: dpSessionIdleTerminated	99230: dpSshTunnFailed
99231: dpHttpsConnFailed	99240: dpIPsecTunnCreateFailed	99241: dpIPsecTunnInitiate
99242: dpIPsecTunnTerminated	99243: dpIPsecSaFailed	99244: dpIPsecSaUpdated
99250: dpSshdStart	99251: dpSshdStop	99301: disContTimeChange
20000: SwitchCriticalMessage	20001: SwitchAlertMessage	20002: SwitchWarningMessage
21000: SwitchOffline	21001: OverSwitchMaxCapacity	21002: SwitchDuplicated
22010: warningCpuThresholdExceeded	22011: majorCpuThresholdExceeded	22012: criticalCpuThresholdExceeded

Event	Event	Event
22020: warningMemoryThresholdExceeded	22021: majorMemoryThresholdExceeded	22022: criticalMemoryThresholdExceeded
22030: hitWarningSwitchCombinedEvent	22031: hitMajorSwitchCombinedEvent	22032: hitCriticalSwitchCombinedEvent
22041: switchFirmwareUpdate	22042: switchFirmwareUpdateFail	22051: switchConfigurationUpdate
22052: switchConfigurationUpdateFail	22071: switchDeleteByController	22081: switchDisconnectFromController
22082: switchConnectToController	22091: switchDiscoverByController	

Parent topic: [SmartZone Event Traps](#)

## ruckusSZAPMiscEventTrap

- Object Name - [ruckusSZAPMiscEventTrap](#)
- Object Identifier -.1.3.6.1.4.1.25053.2.11.1.20

Event	Event	Event
108:apFirmwareApplying	109:apConfApplying	116:apIllegalToChangeCountryCode
117:apGetConfigFailed	180:genericRogueAPDetected	187:apSigningInformation
188:AP is connected to standby cluster over the expiration date.	189:jammingDetected	194:Rogue client
304:apIPChanged	306:apChannelChanged	307:apCountryCodeChanged

Event	Event	Event
308:apDfsRadarEvent	311:apChangeControlBlade	315:apTaggedAsCritical
317:apBrownout	319:smartMonitorTurnOffWLAN	320:apCLBlimitReached
321:apCLBlimitRecovered	322:apWLANStateChanged	323:apCapacityReached
324:apCapacityRecovered	328:apHealthLatencyFlag	329:apHealthCapacityFlag
330:apHealthConnectionFailureFlag	331:apHealthClientCountFlag	333:apHealthCapacityFlag
334:apHealthConnectionFailureClear	335:apHealthClientCountClear	336:apDHCPFailoverDetected
337:apDHCPFallbackDetected	338:apSecondaryDHCPAPDown	339:apSecondaryDHCPAPUp
340:apDHCIPPoolMaxThresholdReached	341:apDHCPServiceFailure	342:apNATFailoverDetected
343:apNATFallbackDetected	344:apNATVlanCapacityAffected	345:apNATVlanCapacityRestored
346:apNATFailureDetectedbySZ	347:apHealthAirUtilizationFlag	348:apHealthAirUtilizationClear
349:apClusterFailover	350:apRehomeFailover	352:apSwitchoverFailed
353:AP Ethernet Phy Error Count	354:AP Ethernet PHY Down Shift	355:apFailed
356:apIllegalToChange3rdRadioBand	357:apIllegal6gVAPCreation	358:ap6gWLANCfgDone
406:emapDlinkDisconnectWithMap	407:emapUlinkConnectWithMap	408:emapUlinkDisconnectWithMap
411:mapDisconnected	412:mapDlinkConnected	413:mapDlinkConnectWithMap
414:mapDlinkDisconnectWithMap	416:emapDlinkConnectWithMap	417:mapUlinkConnectToMap
418:mapUlinkDisconnectToMap	419:mapUlinkConnectToMap	420:mapUlinkConnectToMap
421:meshStateUpdateToMap	422:meshStateUpdateToMapNoChannel	423:meshStateUpdateToMap

Event	Event	Event
424:meshStateUpdateToRapNoChannel	425:mapDlinkConnectWithMap	426:mapDlinkDisconnectWithMap
427:rapDlinkDisconnectWithMap	705:apLBSStartLocationService	706:apLBStopLocationService
707:apLBSRcvdPassiveCalReq	708:apLBSRcvdPassiveFFReq	709:apLBSRcvdUnrecognizedRequest
1021:zoneCfgPrepareFailed	1022: apCfgGenFailed	1023:cfgGenSkippedDueToEolAp
1280:apConnectionTerminatedDueToInsufficientLicense	1294:AP MAC OUI violation	9100: changeToPrimaryBackhaul
9101: changeToSecondaryBackhaul	9102: lteConnectivityFailed	9103: ethernetConnectivityFailed
9104: lteDhcpTimeout	9105: ethernetLinkDown	9106: ethernetLinkUp
9107: simSwitch	9108: remoteHostBlacklisted	9109: simRemoval
9110: lteNetworkRegistrationStatus	9111: lteConnectionStatus	9112: lteGoodRssiStatus
9113: lteWeakRssiStatus	9114: apCLBCapacityLimitReached	9115: apCLBCapacityLimitRecovered
9116:Mesh Connectivity Failed	99000:keyGenFail	99001:keyDisFail
99002:keyDisFailGTK	99003:wpaEnDecFail	99004:ipsecSesFail
99005:authAttempts	99006:authUnsuccess	99007:authReauth
99008:auth8021xClient	99009:fwManualInitiation	99011:apTSFFailure
99012:apSelfTests	99013:fwInitiationUpdate	99014:disContiChan
99015:apLocalSessionTimeout	99016:apRemoteSessionTimeout	99017:apInteractiveSessionTerm
99018:sshInitiation	99019:sshTermination	99020:sshFailure
99021:tlsInitiation	99022:tlsTermination	99023:tlsFailure
99024:ipsecInitiation	99025:ipsecTermination	99026:ipsecFailure

Parent topic: [SmartZone Event Traps](#)

# ruckusSZClientMiscEventTrap

- Object Name - [ruckusSZClientMiscEventTrap](#)
- Object Identifier - .1.3.6.1.4.1.25053.2.11.1.100

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
228: clientBlockByBarringUERule	229: clientUnBlockByBarringUERule	232: packetSpoofingDetectedFromWireless
233: packetSpoofingDetectedFromWirelessSourceMacSpoofed	234: packetSpoofingDetectedFromWired	235: packetSpoofingDetectedFromWiredSourceMacSpoofed

Event	Event	Event
8001: application of user is identified	8002: application of user is denied	8003: urlFilteringServerUnreachable
8004: urlFilteringServerReachable		

**Parent topic:** [SmartZone Event Traps](#)

# Frequently Asked Questions

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## Timeout

### SNMP Reports

### Difference in SNMP Data

### Modifying SNMP HostName

### Determining the Timeout Value

### Determining the Query Interval

### Determining the Query Interval for AP Related Tables

## 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.
  - 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
```

Parent topic: [Frequently Asked Questions](#)

## 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
```

Parent topic: [Frequently Asked Questions](#)

## 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.

Parent topic: [Frequently Asked Questions](#)

## 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.

Parent topic: [Frequently Asked Questions](#)

## 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.

Parent topic: [Frequently Asked Questions](#)

## 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.

Parent topic: [Frequently Asked Questions](#)

## 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](#) 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:

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.

Parent topic: [Frequently Asked Questions](#)



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