

RUCKUS One AP MIB Reference Guide

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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 to 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 **Submit 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 **Submit a Case** section.
- Priority 3 (P3)—Medium. Network or service is moderately impacted, but most business remains functional. Click the **CONTACT** tab at the top of the page and explore the **Self-Service Online Help** options.
- Priority 4 (P4)—Low. Requests for information, product documentation, or product enhancements. Click the **CONTACT** tab at the top of the page and explore the **Self-Service Online Help** options.

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
- Security Bulletins—<https://support.ruckuswireless.com/security>

Using these resources will help you to resolve some issues, and will provide the Technical Assistance Center (TAC) with additional data from your troubleshooting analysis if you still require assistance through a support case or Return Merchandise Authorization (RMA). If you still require help, open and manage your case at 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.

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

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

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Introduction

This document provides information about the AP Management Information Base (MIBs) for RUCKUS One.

A Management Information Base (MIB) is a hierarchical database used for managing the entities in a network. MIBs contain information about the configuration of networking components, such as the version of the software running on the component, the IP address or port number, and the amount of available disk space for storage. Through a process called SNMP (Simple Network Management Protocol), MIB provides a standardized way to communicate with devices, retrieve data, and make necessary adjustments.

Downloading RUCKUS One MIBs

You can download RUCKUS One AP MIB files and MIB Reference documents for various APs from the RUCKUS One MIBs portal.

For more information, refer to <https://docs.ruckus.cloud/mib/>.

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RUCKUS Hardware MIBs

- Parent node: ruckusHwInfo
- OID: .1.3.6.1.4.1.25053.1.1.2.1.1.1

Node Name	OID	Description	Access Permission
ruckusHwInfoModelNumber	.1.3.6.1.4.1.25053.1.1.2.1.1.1.1	Specifies the model number of the device.	Read only
ruckusHwInfoSerialNumber	.1.3.6.1.4.1.25053.1.1.2.1.1.1.2	Specifies the serial number of the device.	Read only
ruckusHwInfoCustomerID	.1.3.6.1.4.1.25053.1.1.2.1.1.1.3	Specifies the name of the customer.	Read only
ruckusHwInfoHWMajorRevision	.1.3.6.1.4.1.25053.1.1.2.1.1.1.4	Specifies major hardware revision.	Read only
ruckusHwInfoHWMinorRevision	.1.3.6.1.4.1.25053.1.1.2.1.1.1.5	Specifies minor hardware revision.	Read only
ruckusHwInfoTemperature	.1.3.6.1.4.1.25053.1.1.2.1.1.1.10	Specifies the temperature of the device.	Read only

RUCKUS Software MIBs

- Parent node: ruckusSwInfo
- OID: .1.3.6.1.4.1.25053.1.1.3.1.1.1

Node Name	OID	Description	Access Permission
ruckusSwRevTable	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1	Shows the software revision information. The table is used to activate inactive software.	Not accessible
ruckusSwRevEntry	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1	Shows the software revision.	Not accessible
ruckusSwRevIndex	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1.1	This is an index into the SoftwareRev table. This table contains two entries for active and inactive software.	Read only
ruckusSwRevName	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1.2	Shows the name of the software revision file.	Read only

Node Name	OID	Description	Access Permission
ruckusSwRevision	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1.3	Shows the software revision of the file.	Read only
ruckusSwRevSize	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1.4	Shows the size of the file in kilo bytes (KB=2**10, rounded up).	Read only
ruckusSwRevStatus	.1.3.6.1.4.1.25053.1.1.3.1.1.1.1.1.5	Shows the current state of the software such as active or inactive.	Read only

RUCKUS Device MIBs

- Parent node: ruckusDeviceInfo
- OID: .1.3.6.1.4.1.25053.1.1.4.1.1.1

Node Name	OID	Description	Access Permission
ruckusDevicename	.1.3.6.1.4.1.25053.1.1.4.1.1.1.1	Shows the device name.	Read-Write
ruckusDeviceReboot	.1.3.6.1.4.1.25053.1.1.4.1.1.1.2	Initiates device reboot.	Read-Write
ruckusDeviceRebootWithDefaults	.1.3.6.1.4.1.25053.1.1.4.1.1.1.3	Shows the product to revert to factory defaults.	Read-Write
ruckusDeviceCountryCode	.1.3.6.1.4.1.25053.1.1.4.1.1.1.4	Shows the AP country code.	Read-Write
ruckusDeviceGPS	.1.3.6.1.4.1.25053.1.1.4.1.1.1.5	Shows the GPS Location.	Read-Write
ruckusDeviceLedCtrl	.1.3.6.1.4.1.25053.1.1.4.1.1.1.15	Shows the ON or OFF state of the device control led.	Read-Write
ruckusDeviceLocation	.1.3.6.1.4.1.25053.1.1.4.1.1.1.10	Shows the location of the device.	Read-Write
ruckusDeviceMacAddr	.1.3.6.1.4.1.25053.1.1.4.1.1.1.11	Shows the device MAC address.	Read only
ruckusDeviceNEID	.1.3.6.1.4.1.25053.1.1.4.1.1.1.6	Shows the device NE ID.	Read-Write

- Parent node: ruckusDeviceTrapInfo
- OID: .1.3.6.1.4.1.25053.1.1.4.1.1.2

Node Name	OID	Description	Access Permission
ruckusDeviceTrapDestination	.1.3.6.1.4.1.25053.1.1.4.1.1.2.1	Specifies whether the primary trap destination is an IPv6 or IPv4 address.	Read-Write
ruckusDeviceTrapDestination2	.1.3.6.1.4.1.25053.1.1.4.1.1.2.2	Specifies whether the secondary trap destination is an IPv6 or IPv4 address.	Read-Write

- Parent node: ruckusDeviceIPInfo
- OID: .1.3.6.1.4.1.25053.1.1.4.1.1.3

Node Name	OID	Description	Access Permission
ruckusDevicePrimaryDNS	.1.3.6.1.4.1.25053.1.1.4.1.1.3.1	Shows the primary DNS address.	Read-Write
ruckusDevicePrimaryDNSIPv6	.1.3.6.1.4.1.25053.1.1.4.1.1.3.3	Shows the primary DNS IPv6 address.	Read-Write
ruckusDeviceSecondaryDNS	.1.3.6.1.4.1.25053.1.1.4.1.1.3.2	Shows the secondary DNS IP address.	Read-Write
ruckusDeviceSecondaryDNSIPv6	.1.3.6.1.4.1.25053.1.1.4.1.1.3.4	Shows the secondary DNS IPv6 address.	Read-Write

- Parent node: ruckusDeviceWanInfo
- OID: .1.3.6.1.4.1.25053.1.1.4.1.1.4

Node Name	OID	Description	Access Permission
ruckusDeviceWanTable	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1	Shows the WAN table.	Not accessible
ruckusDeviceWanEntry	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1	Shows the WAN entry.	Not accessible
ruckusDeviceWanGateway	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.5	Shows the gateway IP address if the ruckusDeviceWanIPAddrMode is set to static(2).	Read-Write
ruckusDeviceWanIPAddr	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.2	This is writable only if the ruckusDeviceWanIPAddrMode is set to static(2).	Read-Write
ruckusDeviceWanIPAddrMode	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.1	The following values specify the modes through which the WAN obtains the IP address: none - by bridging static - through statically assigned IP address dhcp - using the DHCP protocol pppoe - using the PPPoE protocol When the ipaddr mode is changed from dhcp to static , the relative nodes must be set together, including ruckusDeviceWanIPAddr, ruckusDeviceWanNetmask and ruckusDeviceWanGateway.	Read-Write
ruckusDeviceWanIPIndex	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.200	Shows the interface index.	Read only
ruckusDeviceWanIPv6Addr	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.11	This is writable only if the ruckusDeviceWanIPAddrMode is set to static(2).	Read-Write
ruckusDeviceWanIPv6AddrMode	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.10	The following values specify the modes through which the WAN obtains the IPv6 address: auto-configuration - through RFC static - through statically assigned IPv6 address When the ipv6addr mode changes from auto-configuration to static , the relative nodes should be set together including ruckusDeviceWanIPv6Addr, ruckusDeviceWanIPv6PrefixLen, and ruckusDeviceWanIPv6Gateway.	Read-Write
ruckusDeviceWanIPv6Gateway	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.13	Specifies the gateway IPv6 address if the ruckusDeviceWanIPv6AddrMode is set to static(2).	Read-Write
ruckusDeviceWanIPv6PrefixLen	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.12	Specifies the prefix length of the IPv6 address if the ruckusDeviceWanIPv6AddrMode is set to static(2).	Read-Write
ruckusDeviceWanIPVersion	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.8	The following values specify the system IP address version. ipv4 - only supports IPv4 addressing ipv6 - only support IPv6 addressing dualstack - supports IPv4 and IPv6 addressing	Read-Write
ruckusDeviceWanName	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.3	Shows the name of the WAN interface.	Read only
ruckusDeviceWanNetmask	.1.3.6.1.4.1.25053.1.1.4.1.1.4.1.1.4	Specifies the IP address mask if the ruckusDeviceWanIPAddrMode is set to static(2).	Read-Write

RUCKUS Upgrade MIBs

- Parent node: ruckusFileTransfer
- OID: .1.3.6.1.4.1.25053.1.1.5.1.1.1

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RUCKUS WLAN MIBs

Node Name	OID	Description	Access Permission
ruckusFileTransferMethod	.1.3.6.1.4.1.25053.1.1.5.1.1.1.1	Specifies the file transfer method. ruckusFileTransferFTPUsername and ruckusFileTransferFTPPassword must be specified if FTP(2) is selected.	Read-Write
ruckusFileTransferHostName	.1.3.6.1.4.1.25053.1.1.5.1.1.1.2	Specifies the name of the host containing the control file. It is the same as ruckusFileTransferHostAddr when it is an IPv4 or IPv6 address. The value is the IPv4 address, IPv6 address, or the domain name.	Read-Write
ruckusFileTransferHostAddr	.1.3.6.1.4.1.25053.1.1.5.1.1.1.3	Specifies the IPv6 address of the host that is used when DNS resolution fails with ruckusFileTransferHostName. This node is the same as node ruckusFileTransferHostName when it is an IPv4 address or IPv6 address, otherwise, it returns NULL .	Read-Write
ruckusFileTransferControlFileName	.1.3.6.1.4.1.25053.1.1.5.1.1.1.4	Specifies the name of the control file.	Read-Write
ruckusFileTransferFTPUsername	.1.3.6.1.4.1.25053.1.1.5.1.1.1.5	Specifies the username for FTP file transfer.	Read-Write
ruckusFileTransferFTPPassword	.1.3.6.1.4.1.25053.1.1.5.1.1.1.6	Specifies the password for FTP file transfer.	Read-Write
ruckusFileTransferUpgradeNow	.1.3.6.1.4.1.25053.1.1.5.1.1.1.7	Setting this object to true (1) initiates immediate upgrade. In the read mode, returns false (2).	Read-Write
ruckusFileTransferTakeEffectImmediately	.1.3.6.1.4.1.25053.1.1.5.1.1.1.8	Setting this object to true (1) sets a flag and the device will restart after file transfer is complete. In the read mode, it returns the state of that flag.	Read-Write

- Parent node: ruckusAutoUpgrade
- OID: .1.3.6.1.4.1.25053.1.1.5.1.1.2

Node Name	OID	Description	Access Permission
ruckusAutoUpgradeInitialCheckInterval	.1.3.6.1.4.1.25053.1.1.5.1.1.2.1	Specifies the initial check interval.	Read-Write
ruckusAutoUpgradeCheckInterval	.1.3.6.1.4.1.25053.1.1.5.1.1.2.2	This refers to the time interval, measured in minutes, during which the system checks for new software from the host. If this interval is set to zero, it implies that software download is disabled.	Read-Write
ruckusAutoUpgradeStatus	.1.3.6.1.4.1.25053.1.1.5.1.1.2.3	To enable or disable automatic upgrade capability.	Read-Write

RUCKUS WLAN MIBs

- Parent node: ruckusWLANInfo
- OID: .1.3.6.1.4.1.25053.1.1.6.1.1.1

Node Name	OID	Description	Access Permission
ruckusWLANTable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1	Shows the WLAN table.	Not accessible
ruckusWLANEntry	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1	Specifies each WLAN entry.	Not accessible
ruckusWLANSSID	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.1	Specifies the name of the SSID.	Read-Write
ruckusWLANBSSID	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.2	This attribute serves as a unique identifier within this BSS. It corresponds to the 48-bit MAC address associated with the wireless interface.	Read only

Node Name	OID	Description	Access Permission
ruckusWLANBSSType	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.3	Specifies the BSS type.	Read only
ruckusWLANOperationalRateSet	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.4	This attribute defines the range of data transmission rates that the station can use. Each octet represents a rate, with each rate falling within the range of 2 to 127. This corresponds to data rates increasing in increments of 500 KB/s, ranging from 1 Mb/s to 63.5 Mb/s. These rates must be supported for data reception, as indicated in the supported rates table. This value is included in transmitted Beacon, Probe Request, Probe Response, Association Request, Association Response, Reassociation Request, and Reassociation Response frames. It is used to assess whether a BSS, with which the station wishes to synchronize, is appropriate. It is also utilized when initiating a BSS.	Read only
ruckusWLANBeaconPeriod	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.5	This attribute indicates the duration, in milliseconds, that a station should utilize for scheduling the transmission of Beacons. This value is communicated in both Beacon and Probe Response frames.	Read only
ruckusWLANDTIMPeriod	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.6	This attribute defines the quantity of Time Units (TUs) that a station is allowed to use when planning Beacon transmissions. This particular value is conveyed in both Beacon and Probe Response frames.	Read only
ruckusWLANRTSThreshold	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.7	This attribute represents the maximum number of octets in an MPDU, below which an RTS/CTS handshake is not required, unless RTS/CTS is employed as a cross modulation protection mechanism. An RTS/CTS handshake is initiated at the start of any frame exchange sequence where the MPDU is of Data or Management type, the MPDU contains a unique address in the Address1 field, and the MPDU's length exceeds this threshold. If this attribute is set to a value larger than the maximum MSDU size, it effectively disables the RTS/CTS handshake for Data or Management type frames transmitted by this STA. Conversely, setting this attribute to zero enables the RTS/CTS handshake for all Data or Management type frames transmitted by this STA. The default value for this attribute is set to 2347.	Read-Write
ruckusWLANFragmentationThreshold	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.8	This attribute determines the current maximum size, in octets, of the MPDU that can be sent to the PHY. If the size of an MSDU exceeds this attribute's value after adding MAC headers and trailers, the MSDU will be fragmented. An MSDU or MMPDU will be fragmented if the resulting frame has a unique address in the Address1 field and the frame's length is greater than this threshold. The default value of this attribute is the smaller of 2346 or the aMPDUMaxLength of the connected PHY, and it should never exceed the smaller of these two values. The value of this attribute should never be less than 256.	Read-Write
ruckusWLANRadioMode	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.9	Specifies the radio mode.	Read only
ruckusWLANChannel	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.10	Specifies the current operating channel.	Read only

RUCKUS AP MIBs
RUCKUS WLAN MIBs

Node Name	OID	Description	Access Permission
ruckusWLANWDSEnable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.11	This attribute indicates whether WDS (Wireless Distribution System) is activated or deactivated on the interface. It permits a 4-address mode of operation for a specified WLAN interface.	Read-Write
ruckusWLANAdminStatus	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.12	Shows the administrative status of the WLAN interface.	Read-Write
ruckusWLANProtectionMode	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.13	This is activated when both IEEE 802.11g and 802.11b supported clients are present on the same network. The settings are as follows: <ul style="list-style-type: none"> • None: No protection is used. • ctsOnly: The Access Point (AP) will transmit a Clear to Send (CTS) frame before sending IEEE 802.11g frames. This CTS frame will cause IEEE 802.11b clients to remain silent. • rtsCts: The sender of the IEEE 802.11g frame is required to send a Request to Send (RTS), and the responder must send a CTS before any IEEE 802.11g frames are transmitted. 	Read only
ruckusWLANName	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.14	Specifies the name of the WLAN.	Read-Write
ruckusWLANSSIDBcastDisable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.15	Setting this value to 1 results in the SSID not being broadcasted in the beacons.	Read-Write
ruckusWLANVlanID	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.16	Specifies the VLAN ID of the WLAN. If VLAN ID is 1, packets from this WLAN are untagged.	Read-Write
ruckusWLANRateShaper	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.17	This attribute controls equitable access to the network. When activated, it limits the network traffic throughput for each network device to the rate specified in the traffic policy. The configuration format is in megabits per second (Mbps) for both uplink and downlink, or it can be set to unlimited. The supported values range from 0.10Mbps to 20.00Mbps in increments of 0.25Mbps.	Read-Write
ruckusWLANIGMPSnooping	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.25	Sets the IGMP Snooping for this WLAN.	Read-Write
ruckusWLANIfIndex	.1.3.6.1.4.1.25053.1.1.6.1.1.1.1.1.200	Shows the interface index.	Read only
ruckusWLANSuppDataRatesTxTable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.2	The transmit bit rates that are supported by the PLCP (Physical Layer Convergence Procedure) and PMD (Physical Medium Dependent), are represented by a count ranging from X'02 to X'7F. This corresponds to data rates increasing in increments of 500Kb/s, from 1 Mb/s up to 63.5 Mb/s. However, these rates are subject to the constraints of each individual PHY (Physical Layer).	Not accessible
ruckusWLANSuppDataRatesTxEntry	.1.3.6.1.4.1.25053.1.1.6.1.1.1.2.1	Shows an entry (conceptual row) in the dot11SupportedDataRatesTx table.	Not accessible
ruckusWLANSuppDataRatesTxIndex	.1.3.6.1.4.1.25053.1.1.6.1.1.1.2.1.1	Shows the index object that identifies the data rate to access.	Read only

Node Name	OID	Description	Access Permission
ruckusWLANSuppDataRatesTxValue	.1.3.6.1.4.1.25053.1.1.6.1.1.1.2.1.2	The transmit bit rates, which are supported by the Physical Layer Convergence Procedure (PLCP) and Physical Medium Dependent (PMD), are denoted by a count ranging from X'02 to X'7F. This corresponds to data rates that increase in increments of 500Kb/s, starting from 1 Mb/s and going up to 63.5 Mb/s. However, these rates are subject to the restrictions of each individual Physical Layer (PHY).	Read only
ruckusWLANSuppDataRatesRxTable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.3	The receive bit rates, which are supported by the Physical Layer Convergence Procedure (PLCP) and Physical Medium Dependent (PMD), are denoted by a count ranging from X'02 to X'7F. This corresponds to data rates that increase in increments of 500Kb/s, starting from 1 Mb/s and going up to 63.5 Mb/s.	Not accessible
ruckusWLANSuppDataRatesRxEntry	.1.3.6.1.4.1.25053.1.1.6.1.1.1.3.1	Shows an entry (conceptual row) in the dot11SupportedDataRatesRx table.	Not accessible
ruckusWLANSuppDataRatesRxIndex	.1.3.6.1.4.1.25053.1.1.6.1.1.1.3.1.1	Shows an index object that identifies the data rate to access.	Read only
ruckusWLANSuppDataRatesRxValue	.1.3.6.1.4.1.25053.1.1.6.1.1.1.3.1.2	The bit rates for receiving data, which are supported by the Physical Layer Convergence Procedure (PLCP) and Physical Medium Dependent (PMD), are represented by a count that ranges from X'02 to X'7F. This corresponds to data rates that increase in increments of 500Kb/s, starting from 1 Mb/s and extending up to 63.5 Mb/s.	Read only
ruckusWLANStatsTable	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4	Shows the WLAN statistics table.	Not accessible
ruckusWLANStatsEntry	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1	This refers to each entry of WLAN statistics.	Not accessible
ruckusWLANStatsSSID	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.1	Shows the station SSID.	Read only
ruckusWLANStatsBSSID	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.2	Shows the WLAN BSSID.	Read only
ruckusWLANStatsNumSta	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.3	Shows the number of associated stations.	Read only
ruckusWLANStatsNumAuthSta	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.4	Shows the number of authenticated stations.	Read only
ruckusWLANStatsNumAuthReq	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.5	Shows the number of authentication requests.	Read only
ruckusWLANStatsNumAuthResp	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.6	Shows the number of authentication responses.	Read only
ruckusWLANStatsNumAuthSuccess	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.7	Shows the number of successful authentications.	Read only
ruckusWLANStatsNumAuthFail	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.8	Shows the number of authentication failures.	Read only
ruckusWLANStatsNumAssocReq	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.9	Shows the number of association requests.	Read only
ruckusWLANStatsNumAssocResp	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.10	Shows the number of association responses.	Read only
ruckusWLANStatsNumReAssocReq	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.11	Shows the number of reassociation requests.	Read only
ruckusWLANStatsNumReAssocResp	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.12	Shows the number of reassociation responses.	Read only
ruckusWLANStatsNumAssocSuccess	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.13	Shows the number of successful associations.	Read only
ruckusWLANStatsNumAssocFail	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.14	Shows the number of association failures.	Read only
ruckusWLANStatsAssocFailRate	.1.3.6.1.4.1.25053.1.1.6.1.1.1.4.1.15	Shows the station association fail rate: ruckusWLANStatsNumAssocFail or ruckusWLANStatsNumAssocReq	Read only

RUCKUS PPPOE MIB

- Parent node: ruckusPPPOEInfo
- OID: .1.3.6.1.4.1.25053.1.1.8.1.1.1

Node Name	OID	Description	Access Permission
ruckusPPPOEUserName	.1.3.6.1.4.1.25053.1.1.8.1.1.1.1	Specifies the PPPoE username. However, it will not take effect unless you set apply(1) to ruckusPPPOEApply.	Read-Write
ruckusPPPOEPassword	.1.3.6.1.4.1.25053.1.1.8.1.1.1.2	Specifies the PPPoE password. However, it will not become effective unless you set apply(1) to ruckusPPPOEApply.	Read-Write
ruckusPPPOEConnectionStatus	.1.3.6.1.4.1.25053.1.1.8.1.1.1.3	Specifies the PPPoE connection status. It returns 'up(1)' if the connection is active, 'down(2)' if the connection is inactive, and 'disabled(3)' if PPPoE is disabled.	Read only
ruckusPPPOEConnection	.1.3.6.1.4.1.25053.1.1.8.1.1.1.4	Set 'connect(1)' to establish or re-establish a connection to the PPPoE server, and 'disconnect(2)' to disconnect from it. When read, it returns 'enabled(3)' if PPPoE is enabled, and 'disabled(4)' if PPPoE is disabled.	Read-Write
ruckusPPPOEIfindex	.1.3.6.1.4.1.25053.1.1.8.1.1.1.5	Specifies the interface index in the ifTable.	Read only
ruckusPPPOEApply	.1.3.6.1.4.1.25053.1.1.8.1.1.1.6	To apply changes to the username and password for PPPoE, set 'apply(1)'. First, set the MIB nodes: 'ruckusPPPOEUserName' and 'ruckusPPPOEPassword'. Then, set 'apply(1)' to activate this PPPoE's username and password. When read, it will only return 0.	Read-Write

RUCKUS Adapter MIBs

- Parent node: ruckusAdapterInfo
- OID: .1.3.6.1.4.1.25053.1.1.9.1.1.1

Node Name	OID	Description	Access Permission
ruckusAdapterEntry	.1.3.6.1.4.1.25053.1.1.9.1.1.1.1	Specifies each adapter entry.	Not accessible
ruckusAdapterMacAddress	.1.3.6.1.4.1.25053.1.1.9.1.1.1.1.1	Specifies adapter hardware address. It serves as an index in the table.	Not accessible
ruckusAdapterReboot	.1.3.6.1.4.1.25053.1.1.9.1.1.1.1.2	Setting this to 'true(1)' will trigger a reboot of the adapter. However, it always returns 'false(2)'.	Read, write
ruckusAdapterInfoTable	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2	Specifies each adapter table.	Not accessible
ruckusAdapterInfoEntry	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2.1	Specifies each adapter entry.	Not accessible
ruckusAdapterInfoMacAddr	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2.1.1	Shows the adapter MAC address, and serves as an index in the table.	Not accessible
ruckusAdapterInfoSSID	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2.1.2	Specifies the SSID	Read only
ruckusAdapterInfoBSSID	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2.1.3	Specifies the BSS ID.	Read only
ruckusAdapterRssi	.1.3.6.1.4.1.25053.1.1.9.1.1.1.2.1.4	Specifies the RSSI.	Read only
ruckusAdapterStatTable	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3	Specifies the adapter table.	Not accessible
ruckusAdapterStatEntry	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1	Specifies each adapter entry.	Not accessible
ruckusAdapterStatMacAddr	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.1	Shows the adapter MAC address, and serves as an index in the table.	Not accessible
ruckusAdapterStatRxDataFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.2	Shows the Rx data frames.	Read only

Node Name	OID	Description	Access Permission
ruckusAdapterStatRxMgmtFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.3	Shows the Rx management frames.	Read only
ruckusAdapterStatRxCtrlFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.4	Shows the Rx control frames.	Read only
ruckusAdapterStatRxUcastFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.5	Shows the Rx unicast frames.	Read only
ruckusAdapterStatRxMcastFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.6	Shows the Rx multicast or broadcast frames.	Read only
ruckusAdapterStatRxBytes	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.7	Shows the Rx data count, in bytes.	Read only
ruckusAdapterStatRxDup	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.8	This displays instances where received data has been discarded due to duplicates.	Read only
ruckusAdapterStatRxNoPrivacy	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.9	This displays the received data with WEP (Wired Equivalent Privacy) enabled, but with privacy turned off.	Read only
ruckusAdapterStatRxWEPFail	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.10	This displays instances where the processing of received WEP (Wired Equivalent Privacy) data has failed.	Read only
ruckusAdapterStatRxDemucFail	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.11	This indicates that the reception (Rx) demodulation and integrity check (demuc) has failed.	Read only
ruckusAdapterStatRxDecap	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.12	This indicates that the reception (Rx) decapsulation process was unsuccessful.	Read only
ruckusAdapterStatRxDeFrag	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.13	This indicates that the reception (Rx) defragmentation process was unsuccessful.	Read only
ruckusAdapterStatRxDisAssoc	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.14	This indicates that the reception (Rx) disassociations.	Read only
ruckusAdapterStatRxDeAuth	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.15	This indicates that the reception (Rx) Rx deauthentication.	Read only
ruckusAdapterStatRxUnAuth	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.16	This indicates that data received (Rx) is unauthenticated.	Read only
ruckusAdapterStatRxUnEncrypted	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.17	Shows the unencrypted Rx data.	Read only
ruckusAdapterStatRxBeacons	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.18	Shows the Rx beacons.	Read only
ruckusAdapterStatTxDataFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.19	Shows the Rx data frames.	Read only
ruckusAdapterStatTxMgmtFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.20	Shows the transmitted (Tx) management frames.	Read only
ruckusAdapterStatTxUcastFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.21	Shows the Tx unicast frames.	Read only
ruckusAdapterStatTxMcastFrames	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.22	Shows the Tx multicast.	Read only
ruckusAdapterStatTxBytes	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.23	Shows the Tx data count, in bytes.	Read only
ruckusAdapterStatTxAssoc	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.24	Shows the [re]associations.	Read only
ruckusAdapterStatTxAssocFail	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.25	Shows the [re]association failures.	Read only
ruckusAdapterStatTxAuth	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.26	Shows the [re]authentications.	Read only
ruckusAdapterStatTxAuthFail	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.27	Shows the [re]authentication failures.	Read only
ruckusAdapterStatTxDeAuth	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.28	Shows the Tx de auth.	Read only
ruckusAdapterStatTxDisAssoc	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.29	Shows the Tx dis associations.	Read only
ruckusAdapterStatTxProbeReq	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.30	Shows the Tx probe requests.	Read only
ruckusAdapterStatTxProbeResp	.1.3.6.1.4.1.25053.1.1.9.1.1.1.3.1.31	Shows the Tx probe responses.	Read only

RUCKUS System MIBs

- Parent node: ruckusSystemInfo
- OID: .1.3.6.1.4.1.25053.1.1.11.1.1.1

Node Name	OID	Description	Access Permission
ruckusSystemCPUUtil	.1.3.6.1.4.1.25053.1.1.11.1.1.1.1	Shows the CPU utilization.	Read only
ruckusSystemMemoryUtil	.1.3.6.1.4.1.25053.1.1.11.1.1.1.2	Shows the memory utilization.	Read only

- Parent node: ruckusSystemServices
- OID: .1.3.6.1.4.1.25053.1.1.11.1.1.2

Node Name	OID	Description	Access Permission
ruckusSystemHTTPStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.1.1	Enables or disables HTTP service.	Read-Write
ruckusSystemHTTPSStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.2.1	Enables or disables HTTPS service.	Read-Write
ruckusSystemTelnetStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.3.1	Enables or disables Telnet service.	Read-Write
ruckusSystemSSHStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.4.1	Enables or disables SSH service.	Read-Write
ruckusSystemBonjourStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.5.1	Enables or disables Bonjour service.	Read-Write
ruckusSystemSyslogStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.1	Enables or disables Syslog service.	Read-Write
ruckusSystemSyslogServerIP	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.2	Shows the IPv4 addresses or IPv6 addresses of syslog server.	Read-Write
ruckusSystemSyslogServerPort	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.3	Shows the port of the syslog server.	Read-Write
ruckusSystemSyslogServerProto	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.4	Shows the prototype of the syslog server.	Read-Write
ruckusSystemSyslogSecondaryServerIP	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.5	Shows the IPv4 addresses or IPv6 addresses of secondary syslog server.	Read-Write
ruckusSystemSyslogSecondaryServerPort	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.6	Shows the port of the secondary syslog server.	Read-Write
ruckusSystemSyslogSecondaryServerProto	.1.3.6.1.4.1.25053.1.1.11.1.1.2.6.7	Shows the prototype of the secondary syslog server.	Read-Write
ruckusSystemNTPStatus	.1.3.6.1.4.1.25053.1.1.11.1.1.2.7.1	Enables or disables NTP service.	Read only
ruckusSystemNTPGMTTime	.1.3.6.1.4.1.25053.1.1.11.1.1.2.7.2	Shows the GMT time.	Read only
ruckusSystemNTPActiveServer	.1.3.6.1.4.1.25053.1.1.11.1.1.2.7.3	Shows the active NTP server.	Read-Write
ruckusSystemNTPUpdate	.1.3.6.1.4.1.25053.1.1.11.1.1.2.7.4	Shows the updated GMT time.	Read-Write
ruckusSystemFlexMasterURL	.1.3.6.1.4.1.25053.1.1.11.1.1.2.8.1	Configures the FlexMaster server URL. The URL begins with http:// or https:// .	Read-Write
ruckusSystemReboot	.1.3.6.1.4.1.25053.1.1.11.1.1.3.1	Restarts the system.	Read-Write
ruckusSystemSetFactory	.1.3.6.1.4.1.25053.1.1.11.1.1.3.2	Shows the factory default settings.	Read-Write
ruckusSystemDHCPRenew	.1.3.6.1.4.1.25053.1.1.11.1.1.3.3	Renews the system DHCP IP address.	Read-Write

RUCKUS Radio MIBs

- Parent node: ruckusRadiolInfo
- OID: .1.3.6.1.4.1.25053.1.1.12.1.1.1

Node Name	OID	Description	Access Permission
ruckusRadioInfo	.1.3.6.1.4.1.25053.1.1.12.1.1.1.1	Shows the number of radios present on this system.	Read only
ruckusRadioTable	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2	Shows the radio table.	Not accessible
ruckusRadioEntry	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1	Specifies each radio entry.	Not accessible
ruckusRadioMode	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.1	Specifies the radio mode.	Read-Write
ruckusRadioCountry	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.2	Specifies the country code.	Read-Write
ruckusRadioBSSType	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.3	Specifies the BSS type.	Read only
ruckusRadioChannel	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.4	Specifies the current operating channel. If it's set to 0, the system will automatically choose the most optimal channel.	Read-Write
ruckusRadioDataRate	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.5	<p>This defines the transmission rate of the radio. The available rates are as follows:</p> <p>IEEE 802.11a/802.11g radios:</p> <ul style="list-style-type: none"> Auto, 1Mb, 2Mb, 5.5Mb, 11Mb, 6Mb, 9Mb, 12Mb, 18Mb, 24Mb, 36Mb, 48Mb, 54Mb. <p>For 11ng/11na:</p> <ul style="list-style-type: none"> Auto, 1Mb, 2Mb, 5.5Mb, 11Mb, 6Mb, 9Mb, 12Mb, 18Mb, 24Mb, 36Mb, 48Mb, 54Mb, 6.5Mb, 13Mb, 19.5Mb, 26Mb, 39Mb, 52Mb, 58.5Mb, 65Mb, 78Mb, 104Mb, 117Mb, 130Mb, 13.5Mb, 27.5Mb, 40.5Mb, 81.5Mb, 108Mb, 121.5Mb, 135Mb, 27Mb, 81Mb, 162Mb, 162MB, 216Mb, 243Mb, 270Mb. <p>NOTE IEEE 802.11ng refers to 802.11n radios operating in the 2.4-GHz band. IEEE 802.11na refers to 802.11n radios operating in the 5-GHz band</p>	Read only
ruckusRadioTxPower	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.6	Specifies the transmit power of radio.	Read-Write
ruckusRadioProtectionMode	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.7	<p>This setting is activated when both IEEE 802.11g and 802.11b supported clients are present on the same network.</p> <ul style="list-style-type: none"> None: No protection is used. ctsOnly: The Access Point (AP) will dispatch a Clear to Send (CTS) frame before transmitting IEEE 802.11g frames. This CTS frame will quiet down the IEEE 802.11b clients. rtsCts: It necessitates that a Request to Send (RTS) be transmitted by the sender of the IEEE 802.11g frame, and the responder to dispatch a CTS prior to any IEEE 802.11g frames being transmitted. 	Read-Write
ruckusRadioNoiseFloor	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.8	Specifies the noise floor of radio.	Read only
ruckusRadioIndex	.1.3.6.1.4.1.25053.1.1.12.1.1.1.2.1.200	Shows the radio index.	Read only

- Parent node: ruckusRadioStatsTable

RUCKUS AP MIBs
RUCKUS Radio MIBs

- OID: .1.3.6.1.4.1.25053.1.1.12.1.1.1.3

Node Name	OID	Description	Access Permission
ruckusRadioStatsEntry	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1	Specifies the radio statistics entry.	Not accessible
ruckusRadioStatsMaxSta	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.1	Shows the maximum stations allowed.	Read only
ruckusRadioStatsNumSta	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.2	Shows the number of associated stations.	Read only
ruckusRadioStatsNumAuthSta	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.3	Shows the number of authenticated stations.	Read only
ruckusRadioStatsNumAuthReq	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.4	Shows the number of authentication requests.	Read only
ruckusRadioStatsNumAuthResp	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.5	Shows the number of authentication responses.	Read only
ruckusRadioStatsNumAuthSuccess	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.6	Shows the number of successful authentications.	Read only
ruckusRadioStatsNumAuthFail	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.7	Shows the number of authentication failures.	Read only
ruckusRadioStatsNumAssocReq	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.8	Shows the number of association requests.	Read only
ruckusRadioStatsNumAssocResp	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.9	Shows the number of association responses.	Read only
ruckusRadioStatsNumAssocSuccess	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.10	Shows the number of successful associations.	Read only
ruckusRadioStatsNumAssocFail	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.11	Shows the number of association failures.	Read only
ruckusRadioStatsAssocFailRate	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.12	Shows the number of association failures.	Read only
ruckusRadioStatsAuthFailRate	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.13	Shows the station authentication fail rate from ruckusRadioStatsNumAuthFail or ruckusRadioStatsNumAuthReq.	Read only
ruckusRadioStatsAssocSuccessRate	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.14	Shows the station association success rate from ruckusRadioStatsNumAssocSuccess or ruckusRadioStatsNumAssocReq.	Read only
ruckusRadioStatsResourceUtil	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.15	Shows the wireless resource utilization rate from ruckusRadioStatsNumSta or ruckusRadioStatsMaxSta.	Read only
ruckusRadioStatsRxBytes	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.16	Shows the data frames received, in bytes.	Read only
ruckusRadioStatsRxFrames	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.17	Shows the number of received frames.	Read only
ruckusRadioStatsRxWEPFail	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.18	Shows the number failed WEP frames that were received.	Read only
ruckusRadioStatsRxDecryptCRCError	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.19	This displays the number of received frames that have a decrypted Cyclic Redundancy Check (CRC) error.	Read only
ruckusRadioStatsRxMICError	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.20	This displays the number of received frames that have a Message Integrity Check (MIC) error.	Read only
ruckusRadioStatsRxErrors	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.21	This displays the number of error frames that have been received.	Read only
ruckusRadioStatsTxBytes	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.22	This displays the number of transmitted bytes that have been received.	Read only
ruckusRadioStatsTxFrames	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.23	Shows the number of transmitted frames.	Read only
ruckusRadioStatsTotalAssocTime	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.42	Shows the total association time of a client.	Read only
ruckusRadioStatsTotalAirtime	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.50	Shows the total airtime.	Read only
ruckusRadioStatsBusyAirtime	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.51	Shows the busy airtime.	Read only
ruckusRadioStatsTxAirtime	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.52	Shows the Tx airtime.	Read only
ruckusRadioStatsRxAirtime	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.53	Shows the Rx airtime.	Read only
ruckusRadioStatsIndex	.1.3.6.1.4.1.25053.1.1.12.1.1.1.3.1.200	Shows the radio statistical index.	Read only

RUCKUS Ethernet MIBs

- Parent node: ruckusEthInfo
- OID: .1.3.6.1.4.1.25053.1.1.13.1.1.1

Node Name	OID	Description	Access Permission
ruckusEthStatsTable	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1	Shows the Ethernet statistics table.	Not accessible
ruckusEthStatsEntry	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1	Specifies each Ethernet statistics entry.	Not accessible
ruckusEthName	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.1	Specifies the name of the Ethernet interface.	Read only
ruckusEthStatsRxRate	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.2	Shows the throughput received.	Read only
ruckusEthStatsRxErrorRate	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.3	Shows the Rx packet error rate.	Read only
ruckusEthStatsTxRate	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.4	Shows the throughput of the transmitted data packets.	Read only
ruckusEthStatsTxErrorRate	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.5	Shows the error rate of transmitted data.	Read only
ruckusEthIndex	.1.3.6.1.4.1.25053.1.1.13.1.1.1.1.1.200	Shows the Ethernet index.	Read only

RUCKUS L2TP MIBs

- Parent node: ruckusL2TPInfo
- OID: .1.3.6.1.4.1.25053.1.1.14.1.1.1

Node Name	OID	Description	Access Permission
ruckusL2TPInfo	.1.3.6.1.4.1.25053.1.1.14.1.1.1	Enables or disables the L2TP service.	Read only
ruckusL2TPConnectionStatus	.1.3.6.1.4.1.25053.1.1.14.1.1.1.2	This indicates the status of the L2TP connection. It returns 'up(1)' if the connection is active, 'down(2)' if the connection is inactive, and 'disabled(3)' if L2TP is turned off.	Read only
ruckusL2TPServerIP	.1.3.6.1.4.1.25053.1.1.14.1.1.1.3	Shows the IP address of the L2TP server.	Read only
ruckusL2TPSharedSecret	.1.3.6.1.4.1.25053.1.1.14.1.1.1.4	Specifies the Shared Secret of the L2TP Server .	Read only
ruckusL2TPUserName	.1.3.6.1.4.1.25053.1.1.14.1.1.1.5	This defines the username for the L2TP. If L2TP is disabled, a 'NOSUCHNAME' error is returned.	Read only
ruckusL2TPPassword	.1.3.6.1.4.1.25053.1.1.14.1.1.1.6	This defines the password for the L2TP. If L2TP is disabled, a 'NOSUCHNAME' error is returned.	Read only
ruckusL2TPIfIPAddr	.1.3.6.1.4.1.25053.1.1.14.1.1.1.7	Shows the IP address of the L2TP management interface.	Read only
ruckusL2TPIfNetMask	.1.3.6.1.4.1.25053.1.1.14.1.1.1.8	Shows the Netmask of the L2TP management interface.	Read only
ruckusL2TPIfGateway	.1.3.6.1.4.1.25053.1.1.14.1.1.1.9	Shows the default route of the L2TP management interface.	Read only

RUCKUS WLINK MIBs

- Parent node: ruckusWLINKTable
- OID: .1.3.6.1.4.1.25053.1.1.15.1.1.1

RUCKUS AP MIBs
RUCKUS WLINK MIBs

Node Name	OID	Description	Access Permission
ruckusWLINKTable	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1	Specifies each WLINK entry.	Not accessible
ruckusWLINKSSID	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.1	Specifies the name of the SSID.	Read only
ruckusWLINKRole	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.2	Specifies the role of the SSID.	Read only
ruckusWLINKLocalMAC	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.3	This refers to the 48-bit MAC address of the local side's wireless interface.	Read only
ruckusWLINKRemoteMAC	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.4	This refers to the 48-bit MAC address of the remote side's wireless interface.	Read only
ruckusWLINKTxPkts	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.5	Shows the number of transmitted data packets.	Read only
ruckusWLINKTxBytes	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.6	Shows the number of transmitted data, in bytes.	Read only
ruckusWLINKRxPkts	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.7	Shows the number of received data packets.	Read only
ruckusWLINKRxBytes	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.8	Shows the number of data packets received, in bytes.	Read only
ruckusWLINKEstablishTime	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.9	This displays the time (in UTC) when the link was established.	Read only
ruckusWLINKUpTime	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.10	This refers to the duration, in seconds, for which the link has been active.	Read only
ruckusWLINKRssi	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.11	This displays the Received Signal Strength Indicator (RSSI) of the link.	Read only
ruckusWLINKUpCount	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.12	This refers to the number of times the link has been active during its uptime.	Read only
ruckusWLINKDownCount	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.13	This refers to the number of times the link has been inactive during its uptime.	Read only
ruckusWLINKIndex	.1.3.6.1.4.1.25053.1.1.15.1.1.1.1.1.200	Shows the WLINK index.	Read only

- Parent node: ruckusWLINKIITable
- OID: .1.3.6.1.4.1.25053.1.1.15.1.1.1.2

Node Name	OID	Description	Access Permission
ruckusWLINKIIEEntry	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1	Specifies each WLINKII entry.	Not accessible
ruckusWLINKIISStaIndex	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.1	Shows the station index.	Read only
ruckusWLINKIISSID	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.2	Specifies the name of the SSID.	Read only
ruckusWLINKIIRole	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.3	Specifies the role of the SSID.	Read only
ruckusWLINKIILocalMAC	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.4	This refers to the 48-bit MAC address of the wireless interface on the local side.	Read only
ruckusWLINKIIRemoteMAC	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.5	This refers to the 48-bit MAC address of the wireless interface on the remote side.	Read only
ruckusWLINKIITxPkts	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.6	Shows the number of transmitted data packets.	Read only
ruckusWLINKIITxBytes	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.7	Shows the number of transmitted data, in bytes.	Read only

Node Name	OID	Description	Access Permission
ruckusWLINKIIRxPkts	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.8	Shows the number of received data packets.	Read only
ruckusWLINKIIRxBytes	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.9	Shows the number of data packets received, in bytes.	Read only
ruckusWLINKIIEstablishTime	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.10	This displays the time (in UTC) when the link was established.	Read only
ruckusWLINKIIUpTime	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.11	This refers to the duration, in seconds, for which the link has been active.	Read only
ruckusWLINKIIRssi	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.12	This displays the Received Signal Strength Indicator (RSSI) of the link.	Read only
ruckusWLINKIIUpCount	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.13	This refers to the number of times the link has been active during its uptime.	Read only
ruckusWLINKIIDownCount	.1.3.6.1.4.1.25053.1.1.15.1.1.1.2.1.14	This refers to the number of times the link has been inactive during its uptime.	Read only

RUCKUS Tunnel MIBs

- Parent node: ruckusTunnelSoftGREConfigInfo
- OID: .1.3.6.1.4.1.25053.1.1.18.1.1.1.3

Node Name	OID	Description	Access Permission
ruckusTunnelSoftGREConfigTable	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1	Shows the SoftGRE Tunnel table.	Not accessible
ruckusTunnelSoftGREEntry	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1.1	Specifies each SoftGRE Tunnel entry.	Not accessible
ruckusTunnelSoftGREAdminEnable	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1.1.1	This indicates whether SoftGRE is enabled or not. 'enable(1)' indicates SoftGRE is enabled, while 'disable(2)' indicates SoftGRE is disabled.	Read-Write
ruckusTunnelSoftGREPrimaryGatewayAddress	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1.1.2	This defines the primary gateway IP address (both v4 and v6) for SoftGRE, for example: 192.168.0.2, 2000:0:0:2.	Read-Write
ruckusTunnelSoftGRESecondaryGatewayAddress	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1.1.3	This defines the secondary gateway IP address (both IPv4 and IPv6) for SoftGRE, for example: 192.168.0.2, 2000:0:0:2.	Read-Write
ruckusTunnelSoftGREIndex	.1.3.6.1.4.1.25053.1.1.18.1.1.1.3.1.1.200	Shows the tunnel index.	Read only

- Parent node: ruckusTunnelSoftGREStatusInfo
- OID: .1.3.6.1.4.1.25053.1.1.18.1.1.1.5

Node Name	OID	Description	Access Permission
ruckusTunnelSoftGREStatusTable	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1	SoftGRE Tunnel Status table.	Not accessible
ruckusTunnelSoftGREStatusEntry	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1	Specifies each SoftGRE Tunnel Status entry.	Not accessible

RUCKUS AP MIBs

RUCKUS Events

Node Name	OID	Description	Access Permission
ruckusTunnelSoftGRECurrentActivePeerIp	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1.1	Shows the SoftGRE Active Peer IP Address.	Read only
ruckusTunnelSoftGREUptime	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1.2	Shows the SoftGRE Uptime.	Read only
ruckusTunnelSoftGREKeepAliveDropCounter	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1.3	Shows the SoftGRE Keep Alive Drop Counter.	Read only
ruckusTunnelSoftGRETunnelChangeCounter	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1.4	Show the SoftGRE Tunnel Change Counter.	Read only
ruckusTunnelSoftGREStatusIndex	.1.3.6.1.4.1.25053.1.1.18.1.1.1.5.1.1.200	Shows the Tunnel Status index.	Read only

RUCKUS Events

- Parent node: ruckusEventTraps
- OID: .1.3.6.1.4.1.25053.2.1.1

Node Name	OID	Description	Status
ruckusEventAssocTrap	.1.3.6.1.4.1.25053.2.1.1.1	This is activated when a client association event occurs. The MAC address of the client is included.	Current
ruckusEventDisassocTrap	.1.3.6.1.4.1.25053.2.1.1.2	This is activated when a client disassociation event occurs. The MAC address of the client is included.	Current
ruckusEventSetErrorTrap	.1.3.6.1.4.1.25053.2.1.1.3	This is activated when an SNMP-set error event occurs. The Object Identifier (OID) of the SNMP-set is included.	Current
ruckusEventConnectTrap	.1.3.6.1.4.1.25053.2.1.1.25	This is activated when an Access Point (AP) connect event occurs. The MAC address of the AP is included.	Current
ruckusEventDisconnectTrap	.1.3.6.1.4.1.25053.2.1.1.26	This is activated when an Access Point (AP) disconnect event occurs. The MAC address of the AP is included.	Current

- Parent node: ruckusEventObjects
- OID: .1.3.6.1.4.1.25053.2.1.2

Node Name	OID	Description	Status
ruckusEventClientMacAddr	.1.3.6.1.4.1.25053.2.1.2.15	Shows the client's MAC address.	Current
ruckusEventSetErrorOID	.1.3.6.1.4.1.25053.2.1.2.20	Shows the Object Identifier (OID) of the SNMP-set that encountered an error.	Current

RUCKUS Product MIBs

- Parent node: ruckusC110
- OID: .1.3.6.1.4.1.25053.3.1.4.95

Node Name	OID	Description	Access Permission
ruckusC110ControlLED	.1.3.6.1.4.1.25053.3.1.4.95.3	This refers to the following actions: <ul style="list-style-type: none"> ● softResetAP(10): This performs a soft reset of the Access Point. ● factoryResetAP(12): This resets the Access Point to its factory defaults. ● softResetCM(13): This performs a soft reset of the Cable Modem. ● factoryResetCM(15): This resets the Cable Modem to its factory defaults. 	Read write
ruckusC110WanIPAddr	.1.3.6.1.4.1.25053.3.1.4.95.4	Specifies the IP address of the Cable Modem WAN interface.	Read only

- Parent node: ruckusC110Customization
- OID: .1.3.6.1.4.1.25053.3.1.4.95.5

Node Name	OID	Description	Access Permission
ruckusC110HTTPService	.1.3.6.1.4.1.25053.3.1.4.95.5.1	Enables or disables the HTTP service.	Read write
ruckusC110TelnetService	.1.3.6.1.4.1.25053.3.1.4.95.5.2	Enables or disables the Telnet service.	Read write
ruckusC110SSHService	.1.3.6.1.4.1.25053.3.1.4.95.5.3	Enables or disables the SSH service.	Read write
ruckusC110Username	.1.3.6.1.4.1.25053.3.1.4.95.5.4	Specifies the username of the cable modem.	Read write
ruckusC110Password	.1.3.6.1.4.1.25053.3.1.4.95.5.5	Specifies the password of the cable modem.	Read write
ruckusC110CpeAgingOutTimer	.1.3.6.1.4.1.25053.3.1.4.95.9	While the Cable Modem (CM) is incorporating the Customer Premises Equipment (CPE) into the learning table, if it reaches the maximum number of CPEs, it will remove an existing CPE that hasn't had any upstream traffic for 'N' seconds. Here, 'N' is the value of this Management Information Base (MIB). If 'N' is 0, it means the original implementation is followed, i.e., no CPE will be removed to accommodate new ones.	Read write
ruckusC110WanIPv6Addr	.1.3.6.1.4.1.25053.3.1.4.95.10	Specifies the IPv6 address of the Cable Modem WAN interface.	Read only

- Parent node: ruckusT811CM
- OID: .1.3.6.1.4.1.25053.3.1.4.97

Node Name	OID	Description	Access Permission
ruckusT811CMControlLED	.1.3.6.1.4.1.25053.3.1.4.97.3	This refers to the following actions: <ul style="list-style-type: none"> ● softResetAP(10): This performs a soft reset of the Access Point. ● factoryResetAP(12): This resets the Access Point to its factory defaults. ● softResetCM(13): This performs a soft reset of the Cable Modem. ● factoryResetCM(15): This resets the Cable Modem to its factory defaults. 	Read write

RUCKUS AP MIBs
RUCKUS Product MIBs

Node Name	OID	Description	Access Permission
ruckusCMM310WanIPAddr	.1.3.6.1.4.1.25053.3.1.4.97.4	Specifies the IP address of the Cable Modem WAN interface.	Read only
ruckusCMM310WanIPv6Addr	.1.3.6.1.4.1.25053.3.1.4.97.10	Specifies the IPv6 address of the Cable Modem WAN interface.	Read only

- Parent node: ruckusWirelessHotzoneProducts
- OID: .1.3.6.1.4.1.25053.3.1.4

Node Name	OID	Description
ruckusR500	.1.3.6.1.4.1.25053.3.1.4.71	Ruckus R500 product MIB
ruckusR600	.1.3.6.1.4.1.25053.3.1.4.72	Ruckus R600 product MIB
ruckusT300	.1.3.6.1.4.1.25053.3.1.4.74	Ruckus T300 product MIB
ruckusT300E	.1.3.6.1.4.1.25053.3.1.4.75	Ruckus T300E product MIB
ruckusT301N	.1.3.6.1.4.1.25053.3.1.4.76	Ruckus T301N product MIB
ruckusT301S	.1.3.6.1.4.1.25053.3.1.4.77	Ruckus T301S product MIB
ruckusR310	.1.3.6.1.4.1.25053.3.1.4.88	Ruckus R310 product MIB
ruckusR320	.1.3.6.1.4.1.25053.3.1.4.89	Ruckus R320 product MIB
ruckusT710	.1.3.6.1.4.1.25053.3.1.4.90	Ruckus T710 product MIB
ruckusR510	.1.3.6.1.4.1.25053.3.1.4.91	Ruckus R510 product MIB
ruckusH510	.1.3.6.1.4.1.25053.3.1.4.92	Ruckus H510 product MIB
ruckusH320	.1.3.6.1.4.1.25053.3.1.4.93	Ruckus H320 product MIB
ruckusE510	.1.3.6.1.4.1.25053.3.1.4.94	Ruckus E510 product MIB
ruckusT610S	.1.3.6.1.4.1.25053.3.1.4.99	Ruckus T610S product MIB
ruckusR610	.1.3.6.1.4.1.25053.3.1.4.100	Ruckus R610 product MIB
ruckusT610	.1.3.6.1.4.1.25053.3.1.4.101	Ruckus T610 product MIB
ruckusR720	.1.3.6.1.4.1.25053.3.1.4.102	Ruckus R720 product MIB
ruckusT310C	.1.3.6.1.4.1.25053.3.1.4.103	Ruckus T310C product MIB
ruckusT310D	.1.3.6.1.4.1.25053.3.1.4.104	Ruckus T310D product MIB
ruckusT310N	.1.3.6.1.4.1.25053.3.1.4.105	Ruckus T310N product MIB
ruckusT310S	.1.3.6.1.4.1.25053.3.1.4.106	Ruckus T310S product MIB
ruckusM510	.1.3.6.1.4.1.25053.3.1.4.107	Ruckus M510 product MIB
ruckusR730	.1.3.6.1.4.1.25053.3.1.4.108	Ruckus R730 product MIB
ruckusR750	.1.3.6.1.4.1.25053.3.1.4.109	Ruckus R750 product MIB
ruckusT750	.1.3.6.1.4.1.25053.3.1.4.112	Ruckus T750 product MIB
ruckusR650	.1.3.6.1.4.1.25053.3.1.4.113	Ruckus R650 product MIB
ruckusR550	.1.3.6.1.4.1.25053.3.1.4.114	Ruckus R550 product MIB
ruckusR850	.1.3.6.1.4.1.25053.3.1.4.115	Ruckus R850 product MIB
ruckusT750SE	.1.3.6.1.4.1.25053.3.1.4.116	Ruckus T750SE product MIB
ruckusH550	.1.3.6.1.4.1.25053.3.1.4.117	Ruckus H550 product MIB
ruckusT350C	.1.3.6.1.4.1.25053.3.1.4.118	Ruckus T350C product MIB
ruckusT350D	.1.3.6.1.4.1.25053.3.1.4.119	Ruckus T350D product MIB
ruckusT350SE	.1.3.6.1.4.1.25053.3.1.4.120	Ruckus T350SE product MIB

Node Name	OID	Description
ruckusR350	.1.3.6.1.4.1.25053.3.1.4.121	Ruckus R350 product MIB
ruckusH350	.1.3.6.1.4.1.25053.3.1.4.122	Ruckus H350 product MIB
ruckusR760	.1.3.6.1.4.1.25053.3.1.4.123	Ruckus R760 product MIB
ruckusR560	.1.3.6.1.4.1.25053.3.1.4.124	Ruckus R560 product MIB
ruckusR770	.1.3.6.1.4.1.25053.3.1.4.125	Ruckus R770 product MIB
ruckusR670	.1.3.6.1.4.1.25053.3.1.4.126	Ruckus R670 product MIB
ruckusT670	.1.3.6.1.4.1.25053.3.1.4.127	Ruckus T670 product MIB
ruckusR350-R350E	.1.3.6.1.4.1.25053.3.1.4.128	Ruckus R350-R350E product MIB



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