



# HP MSM SNMP MIB

Reference Guide



# HP MSM SNMP MIB

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Reference Guide

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### **Applicable Products**

See *Products covered on page 1-2*

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# Introduction

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## About this guide

This guide provides an overview of the HP SNMP implementation and detailed information on all supported MIB objects.

## Products covered

This guide applies to the following MSM7xx Controller products:

Model	Part
MSM710 Access Controller	J9328A
MSM710 Mobility Controller	J9325A
MSM720 Access Controller	J9693A
MSM720 Mobility Controller	J9694A
MSM760 Access Controller	J9421A
MSM760 Premium Mobility Controller	J9420A
MSM765zl Premium Mobility Controller	J9370A

This guide provides controlled-mode information for the following MSM3xx and MSM4xx Access Points:

Model	WW	Americas	USA	Japan	Israel
MSM430	J9651A	J9650A		J9652A	J9653A
MSM460	J9591A	J9590A		J9589A	J9618A
MSM466	J9622A	J9621A		J9620A	J9619A
MSM466-R	J9716A	J9715A		J9717A	J9718A
MSM410	J9427A/B		J9426A/B	J9529A/B	J9616A
MSM422	J9359A/B		J9358A/B	J9530A/B	J9617A
MSM310	J9379A/B		J9374A/B	J9524A/B	
MSM310-R	J9383A/B		J9380A/B		
MSM317	J9423A		J9422A		
MSM320	J9364A/B		J9360A/B	J9527A/B	
MSM320-R	J9368A/B		J9365A/B	J9528A/B	
MSM325	J9373A/B		J9369A/B		
MSM335	J9357A/B		J9356A/B		

“WW” identifies worldwide regions not otherwise explicitly named.

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**Note**

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- All references to the MSM320 also apply to the MSM325.
- All references to the MSM466 also apply to the MSM466-R.

## Important terms

The following terms are used in this guide.

Term	Description
AP MSM AP	These terms are used interchangeably to refer to any HP MSM3xx or MSM4xx Access Point, or the MSM317 Access Device.  Non-HP access points are identified as <i>third-party APs</i> . These APs do not support controlled mode operation.
controller, MSM Controller	These terms are used interchangeably to refer to any HP MSM7xx Controller, including both Access Controller and Mobility Controller variants.
local mesh WDS wireless links	These terms are used interchangeably to refer to the local mesh feature.
VSC Virtual AP VAP	These terms are used interchangeably to refer to a VSC (Virtual Service Community).

## Conventions

### Command syntax

Command syntax is formatted in a monospaced font as follows:

Example	Description
<code>use-access-list</code>	Command name. Specify it as shown.
<i>ip_address</i>	Items in italics are parameters for which you must supply a value.
<code>ssl-certificate=<i>URL</i> [%s]</code>	Items enclosed in square brackets are optional. You can either include them or not. Do not include the brackets. In this example you can either include the “%s” or omit it.
<code>(ONE   TWO)</code>	Items separated by a vertical line indicate a choice. Specify only one of the items. Do not include the vertical line.

## Management tool

This guide uses specific syntax when directing you to interact with the management tool user interface. Key user-interface elements are identified as follows.

On APs:

Example directions in this guide	What to do in the user interface
Select <b>Wireless &gt; Local Mesh</b> .	On the main menu select <b>Wireless</b> and then select <b>Local mesh</b> on the sub-menu.
For <b>Password</b> , specify <b>secret22</b> .	In the field <b>Password</b> enter the text <b>secret22</b> exactly as shown.

On Controllers

Example directions in this guide	What to do in the user interface
Select <b>Controller &gt;&gt; Security &gt; Firewall</b> .	In the Network Tree select the <b>Controller</b> element, then on the main menu select <b>Security</b> , and then select <b>Firewall</b> on the sub-menu. All elements to the left of the double angle brackets >> are found in the Network Tree.
Select <b>Controller &gt; VSCs &gt; [VSC-name] &gt;&gt; Configuration</b> .	Expand the <b>Controller</b> branch (select its + symbol), expand the <b>VSCs</b> branch, select a <b>[VSC-name]</b> , then select <b>Configuration</b> on the main menu.
For <b>Password</b> specify <b>secret22</b> .	In the <b>Password</b> field enter the text <b>secret22</b> exactly as shown.

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## HP Networking support

For support information, visit [www.hp.com/networking/support](http://www.hp.com/networking/support). Additionally, your HP-authorized networking products reseller can provide you with assistance.

### Before contacting support

To make the support process most efficient, before calling your networking dealer or HP Support, you first should collect the following information:

Collect this information	Where to find it
Product identification.	On the rear of the product.
Software version.	The management tool <b>Login</b> page.
Network topology map, including the addresses assigned to all relevant devices.	Your network administrator.

## Online documentation

You can download documentation from the HP Support Website at:  
[www.hp.com/support/manuals](http://www.hp.com/support/manuals).

Search by product name or part number.

## Configuring SNMP options

SNMP options are configured as follows:

- On an MSM AP, select **Management > SNMP**.
- On an MSM Controller, select **Controller >> Management > SNMP**.

By default, the SNMP agent is enabled (**SNMP agent configuration** in title bar is checked). If you disable the agent, the device will not respond to SNMP requests. For example:

SNMP agent configuration

**Attributes**

System name: %serial\_number%  
Location:  
Contact:

Engine ID: 80:00:22:28:03:78:E3:B5:8E:70:20  
Port: 161 UDP  
SNMP protocol:  version 1  version 2c  version 3  
Notifications:  [Configure Notifications...](#)

**v1/v2c communities**

Community name:  Read-only name:   
Confirm community name:  Confirm read-only name:

**v3 users**

Username	Security	Access level
<a href="#">readonly</a>	MD5/DES	read-only
<a href="#">readwrite</a>	MD5/DES	read-write

[Add New User...](#)

**Notification receivers**

Host	UDP port	Version	Community/Username
No notifications receivers are defined.			

[Add New Receiver...](#)

**Security**

Access to the SNMP agent is enabled for the addresses and interfaces that are specified below.

**Allowed addresses:**

IP address:  Mask:  [Add](#)

[Remove Selected Entry](#)

**Active Interfaces:**

- Access network
- Internet network
- VPN

[Save](#)

(The configuration page for an MSM720 is shown. The configuration pages on other controllers and on APs are identical except for the Active interfaces table, which shows only the interfaces available on each specific model.)

The following sections use the term *device* to refer to any MSM Controller or MSM AP.

## Attributes

### System name

Specify a name to identify the controller. By default, this is set to the serial number of the controller.

### Location

Specify a descriptive name for the location where the controller is installed.

### Contact

Contact information for the controller.

### Port

Specify the UDP port and protocol the controller uses to respond to SNMP requests. Default port is 161.

### SNMP protocol

Select the SNMP versions that the controller will support. Default is **Version 1** and **Version 2c**.

### Notifications

Select the SNMP versions that the AP will support. Default is **Version 1** and **Version 2c**.

### Notifications

When this feature is enabled, the controller sends notifications to the hosts that appear in the **Notifications receivers** list.

The controller supports the following MIB II notifications:

- coldStart
- linkUp
- linkDown
- authenticationFailure

In addition, the controller supports a number of custom notifications. Select **Configure Notifications**. For a descriptions of these notifications, see the online help.

## v1/v2 communities

### Community name

Specify the password, also known as the read/write name, that controls read/write access to the SNMP agent. A network management program must supply this name when attempting to set or get SNMP information from the controller. By default, this is set to **private**.

### Read-only name

This is the password that controls read-only access to the SNMP agent. A network management program must supply this name when attempting to get SNMP information from the controller. By default, this is set to **public**.

## v3 users

This table lists all defined SNMP v3 users. To add a new user, select **Add New User**. Up to five users are supported. To edit a user, select its link in the **Username** column.

### Username

The SNMP v3 username.

### Security

Security protocol defined for the user. Authentication type and encryption type are separated by a slash. For example, **MD5/DES** indicates **MD5** authentication and **DES** encryption.

### Access level

Type of access assigned to the user:

- **Read-only:** The user has read and notify access to all MIB objects.
- **Read-write:** The user has read, write, and notify access to all MIB objects.

## Notification receivers

This table lists all defined SNMP notification receivers. SNMP notifications are sent to all receivers in this list. To add a new receiver, select **Add New Receiver**. Up to five receivers are supported. To edit a receiver, select its link in the **Host** column.

### Host

The domain name or IP address of the SNMP notifications receiver to which the controller will send notifications.

### UDP port

The port on which the controller will send notifications.

### Version

The SNMP version (1, 2c, 3) for which this receiver is configured.

### Community/Username

- For SNMP v1 and v2c, the SNMP Community name of the receiver.
- For SNMP v3, the SNMP v3 Username of the receiver.

## Security

Use these settings to control access to the SNMP interface.

- **Allowed addresses:** List of IP address from which access to the SNMP interface is permitted. To add an entry, specify the **IP address** and appropriate **Mask**, and then select **Add**.

When the list is empty, access is permitted from any IP address.

- **Active interfaces:** Enable the checkboxes that correspond to the interfaces from which to allow access to the SNMP agent. Use Ctrl-click to select multiple objects.



## Standard MIBs

Standard MIB II objects are supported as follows:

MIB	MSM Controllers	MSM APs
IEEE8021-PAE-MIB	✓	✓
RADIUS-AUTH-CLIENT-MIB	✓	-
RADIUS-ACC-CLIENT-MIB	✓	-
RADIUS-AUTH-SERVER-MIB	✓	-
IF-MIB	✓	✓
BRIDGE-MIB	-	✓
IP-MIB	✓	✓
TCP-MIB	✓	✓
UDP-MIB	✓	✓
SNMPV2-MIB	✓	✓
SNMP-FRAMEWORK-MIB	✓	✓
SFLOW-MIB5	✓	✓
LLDP-EXT-DOT3-MIB	✓	✓ (controlled mode only)
LLDP-MIB	✓	✓ (controlled mode only)

The following restrictions apply to the support of standard MIBs:

Group	OID	Support
<b>IEEE8021-PAE</b>	dot1xPaePortInitialize	Read-Only
	dot1xAuthAdminControlledDirections	
	dot1xAuthAuthControlledPortControl	

Group	OID	Support
IF	ifAdminStatus (up=1, down=2)	Read-Write
	ifLastChange	Not Supported
	ifInUnknownProtos	
	ifInNUcastPkts	
	ifOutNUcastPkts	
	ifInMulticastPkts (Always = 0)	
	ifInBroadcastPkts (Always = 0)	
	ifOutMulticastPkts (Always = 0)	
	ifOutBroadcastPkts (Always = 0)	
	ifHCInUcastPkts (Always = 0)	
	ifHCInMulticastPkts (Always = 0)	
	ifHCInBroadcastPkts (Always = 0)	
	ifHCOuUcastPkts (Always = 0)	
	ifHCOuMulticastPkts (Always = 0)	
	ifHCOuBroadcastPkts (Always = 0)	
	ifLinkUpDownTrapEnable (Always = 0)	
	ifPromiscuousMode	Read only
	ifAlias	Not supported
	ifStackStatus	
	ifTestId	
	ifTestStatus	
	ifTestType	
	ifTestResult	
	ifTestCode	
	ifTestOwner	
	ifTableLastChange	
	ifStackLastChange	
ifRcvAddressStatus		
ifRcvAddressType		

Group	OID	Support
IP	ipForwarding	Read-Only
	ipDefaultTTL	
	ipAdEntReasmMaxSize	
	ipNetToMediaIflIndex	
	ipNetToMediaPhysAddress	
	ipNetToMediaNetAddress	
	ipNetToMediaType	

---

**Note** Some objects marked **Not Supported** do return a value, but the value is always zero.

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## Enterprise MIBs

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**Note** For this release, Colubris-named Enterprise MIBs are still used. They apply to the HP MSM products.

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Enterprise MIBs report important status and statistical information that is specific to HP MSM products. Several notifications are defined to report major events. For MIB download and installation instructions, see [Installing the MIBs on page 2-3](#).

Enterprise MIB support is as follows:

MIB	MSM Controllers	MSM APs
COLUBRIS-802DOT1X-MIB	✓	✓
COLUBRIS-AAA-CLIENT-MIB	✓	✓
COLUBRIS-BANDWIDTH-CONTROL-MIB	✓	
COLUBRIS-CDP-MIB	✓	✓ (partial support)
COLUBRIS-CLIENT-TRACKING-MIB		✓
COLUBRIS-CONNECTION-LIMITING-MIB	✓	
COLUBRIS-DEVICE-DOT1X-MIB	✓	
COLUBRIS-DEVICE-EVENT-MIB	✓	
COLUBRIS-DEVICE-IF-MIB	✓	
COLUBRIS-DEVICE-MIB	✓	

<b>MIB</b>	<b>MSM Controllers</b>	<b>MSM APs</b>
COLUBRIS-DEVICE-WDS-MIB	✓	
COLUBRIS-DEVICE-WIRELESS-MIB	✓	
COLUBRIS-IEEE802DOT11		✓
COLUBRIS-LICENSE-MIB	✓	✓ (MSM325, MSM335)
COLUBRIS-MAINTENANCE-MIB	✓	✓
COLUBRIS-PUBLIC-ACCESS-MIB	✓	
COLUBRIS-PUBLIC-ACCESS-RETENTION-MIB	✓	
COLUBRIS-QOS-MIB		✓
COLUBRIS-SATELLITE-MANAGEMENT-MIB	✓	
COLUBRIS-CONTROLLER-MIB	✓	
COLUBRIS-SENSOR-MIB		✓ (MSM325, MSM335)
COLUBRIS-SYSLOG-MIB	✓	✓
COLUBRIS-SYSTEM-MIB	✓	✓
COLUBRIS-TCP-SERIAL-MIB		
COLUBRIS-TOOLS-MIB	✓	✓
COLUBRIS-USAGE-INFORMATION-MIB	✓	✓
COLUBRIS-USER-ACCOUNT-MIB	✓	
COLUBRIS-USER-SESSION-MIB	✓	
COLUBRIS-VIRTUAL-AP-MIB		✓
COLUBRIS-VSC-MIB	✓	✓
COLUBRIS-WDS-MIB		✓
HP-WLAN-NOTIFICATIONS-MIB	✓	✓ (Events only)
HP-WLAN-NEIGHBORHOOD-MIB	✓	

# MIB examples

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## Overview

This chapter describes how to set up and use the Enterprise MIBs and to validate that they function correctly.

The examples in this chapter use the *Net-snmp* MIB command-line browser tool for Windows.

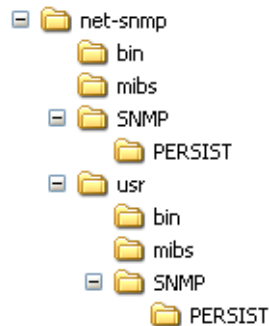
---

## Setting up Net-snmp

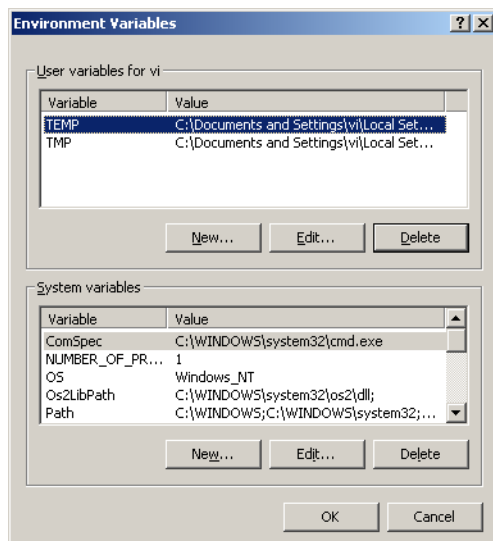
1. Download the Net-snmp tools from:

<http://prdownloads.sourceforge.net/net-snmp/ucd-snmp-4.2.3-win32.zip?download>

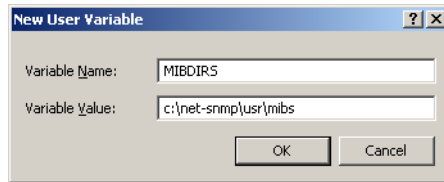
2. Extract the contents of the zip file to a folder named **c:\net-snmp**. This results in the following directory structure:



3. Create MIB-related environment variables as follows (example provided for Windows XP).
4. Right-click **My Computer** and select **Properties > Advanced > Environment Variables**.
5. Under **User variables**, select **New**.

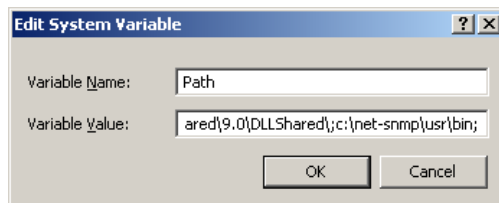


6. Specify the following and then select **OK**.
  - Variable Name: **MIBDIRS**
  - Variable Value: **c:\net-snmp\usr\mibs**



7. In the **System variables** box, select **Path** and then select **Edit**.
8. Append the following to the end of the existing path and select **OK**.

`;c:\net-snmp\usr\bin;`



9. Select **OK**.

---

## Installing the MIBs

The MIBs that you use must match the software version that is installed on your hardware. Using older MIBs may result in some SNMP MIB objects not being found.

An MSM MIBs zip file is available at [www.hp.com/networking/mibs](http://www.hp.com/networking/mibs). Look for the file corresponding to your MSM software version.

---

### Note

The same MIB package applies to ALL products running the SAME firmware.

Use the following steps to install the MIBs.

1. Download the appropriate MIB file.
2. Extract the files from the MIBs zip file to the **c:\net-snmp\usr\mibs** folder, which already has some standard MIBs in it. Verify that the MIBs were added to this folder.

---

## SNMP examples

This section contains examples to shown you how to use the Net-snmp tool to “browse” the MIBs and “walk”, “get,” or “set” values.

## Commands

Look in the `c:\net-snmp\bin` folder for the various executables that you can use. The examples in this section use the following commands:

- **snmpwalk**: Walks through the MIB tree from a specified OID (along the branch).
- **snmpget**: Gets the value requested for a specified OID object
- **snmpset**: Sets a value to a specified OID object (must be a Read-Write OID).

---

### Note

---

*Chapter 3: MIB descriptions* provides a read-write, read-only, or not-accessible designation for each MIB object.

The following table shows you some options that you can specify with these commands.

Option or switch	Description
-v 2c	Indicates that "snmp version 2c", should always be specified when using the MIBs.
-c	Used to specify the community string on the HP product (by default, this is set to <b>public</b> ).
-m ALL	Indicates that you want to use or refer to ALL the MIBs located at \$MIBDIRS.
-M <i>path</i>	Allows you to specify another location for your MIBs.
-Os	Causes the SNMP response to only show the OID name and not the whole path.
-On	Causes the SNMP response to show the OID numeric value, not the descriptive name.
i	Integer switch used to indicate whether the following value will be a "1" or a "0".
o	String switch used to indicate whether the following value will be a string.
u	Numeric switch used to indicate whether the following value will be a numeric.



## Using snmpwalk

1. The `snmpwalk` command allows you to list all of the OID objects that are possible:

```
snmpwalk -v 2c -c public -m all -Os 192.168.1.1 iso
```

You can optionally collect the results into a file for easier review. You can save this file and use it as a guide of the Colubris OID objects.

```
snmpwalk -v 2c -c public -m all -Os 192.168.1.1 iso > snmp.txt
```

You can also specify a lower starting point on the `snmp` tree instead of the top, (`iso`):

```
snmpwalk -v 2c -c public -m all -Os 192.168.1.1 certificateExpiryDate
```

2. You can display the numeric equivalent for an object name:

```
snmpwalk -v 2c -c public -m all -On 192.168.1.1 certificateExpiryDate
```

3. Given the object's numeric value, you can retrieve the object's descriptive name:

```
snmpwalk -v 2c -c public -m all -Os 192.168.1.1 .1.3.6.1.4.1.8744.5.2.1.3.3.0
```

4. You can override the default MIBDIRS environment value by specifying another MIB path:

```
snmpwalk -v 2c -c public -m all -M c:\net-snmp\usr\mibs-build-bbbb -Os 192.168.1.1 iso
```

## Using snmpget

The `snmpget` command is similar to `snmpwalk`, except that it retrieves only the value of the object specified, not the rest of the objects on that branch.

1. This command allows you to list the value for the **sysDescr.0** OID object:

```
snmpget -v 2c -c public -m all -Os 192.168.1.1 sysDescr.0
```

2. You can optionally collect the results into a file for easier review, (i.e. `object.txt`):

```
snmpget -v 2c -c public -m all -Os 192.168.1.1 sysDescr.0 > object.txt
```

3. This command allows you to list the value for the **certificateExpiryDate.0** OID object:

```
snmpget -v 2c -c public -m all -Os 192.168.1.1 certificateExpiryDate.0
```

4. To see the numeric equivalent for an object name:

```
snmpget -v 2c -c public -m all -On 192.168.1.1 certificateExpiryDate.0
```

5. Given the OID object's numeric value, you can retrieve the object's descriptive name:

```
snmpget -v 2c -c public -m all -Os 192.168.1.1 .1.3.6.1.4.1.8744.5.2.1.3.3.0
```

6. You can override the default MIBDIRS environment value by specifying another MIB path:

```
snmpget -v 2c -c public -m all -M c:\net-snmp\usr\mibs -Os 192.168.1.1 sysDescr.0
```

## Using snmpset

You can also set notifications or assign values to certain R/W OIDs.

1. This command enables a Login notification when a user logs in:

```
snmpset -v 2c -c private -m all -Os 192.168.1.1 adminAccessLoginNotificationEnabled.0  
i: enable
```

2. This is the same command as #1, but uses the value "1" to represent enable:

```
snmpset -v 2c -c private -m all -Os 192.168.1.1 adminAccessLoginNotificationEnabled.0  
i: 1
```

3. This command disables the Login Notification, using the mnemonic "disabled":

```
snmpset -v 2c -c private -m all -Os 192.168.1.1 adminAccessLoginNotificationEnabled.0  
i: disable
```

4. This command disables the Login Notification, using the numeric value "2":

```
snmpset -v 2c -c private -m all -Os 192.168.1.1 adminAccessLoginNotificationEnabled.0  
i: 2
```

5. This command resets your MSM hardware to factory default settings. Use this command with caution.

```
snmpset -v 2c -m all -Os -c private 192.168.1.1 configurationFactoryDefaults.0 i: 1
```

# MIB descriptions

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# Introduction

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**Note**

For this release, Colubris-named Enterprise MIBs are still used. They apply to the HP MSM products.

Colubris enterprise MIBs are used to report important status and statistics information specific to Colubris products. Several traps are also defined to reports major events. The following sections describe the functionality of the Enterprise MIB. In each table, we give the name of the object, a description and the access rights: read, write, read/write, accessible for notification or not accessible.

Colubris enterprise MIBs are used to report important status and statistics information specific to Colubris products. Several traps are also defined to reports major events. The following sections describe the functionality of the Enterprise MIB. In each table, we give the name of the object, a description and the access rights: read, write, read/write, accessible for notification or not accessible.

---

## COLUBRIS-DEVICE-EVENT-MIB

This MIB is used to view the event logs generated by the remote devices connected to the APs managed by a controller.

### COLUBRIS-DEVICE-EVENT-MIB OIDs

**coDevEvSuccessfulAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.1 *read-write*

Specifies if coDeviceEventSuccessfulAssociation notifications are generated.

**coDevEvAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.2 *read-write*

Specifies if coDeviceEventAssociationFailure notifications are generated.

**coDevEvSuccessfulReAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.3 *read-write*

Specifies if coDeviceEventSuccessfulReAssociation notifications are generated.

**coDevEvReAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.4 *read-write*

Specifies if coDeviceEventReAssociationFailure notifications are generated.

**coDevEvSuccessfulAuthenticationNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.5 *read-write*

Specifies if coDeviceEventSuccessfulAuthentication notifications are generated.

**coDevEvAuthenticationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.6 *read-write*

Specifies if coDeviceEventAuthenticationFailure notifications are generated.

### **coDevEvSuccessfulDisAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.7 *read-write*

Specifies if coDeviceEventSuccessfulDisAssociation notifications are generated.

### **coDevEvDisAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.8 *read-write*

Specifies if coDeviceEventDisAssociationFailure notifications are generated.

### **coDevEvSuccessfulDeAuthenticationNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.9 *read-write*

Specifies if coDeviceEventSuccessfulDeAuthentication notifications are generated.

### **coDevEvDeAuthenticationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.26.1.1.10 *read-write*

Specifies if coDeviceEventDeAuthenticationFailure notifications are generated.

### **coDeviceEventTable**

.1.3.6.1.4.1.8744.5.26.1.2.1 *not-accessible*

The list of devices available in the Event system.

- **coDeviceEventEntry**

.1.3.6.1.4.1.8744.5.26.1.2.1.1 *not-accessible*

An entry in the coDeviceEventTable. coDevDisIndex - Uniquely identify a device in the MultiService Access Controller. coDevEvIndex - Uniquely identify a device in the Event system.

- **coDevEvIndex**

.1.3.6.1.4.1.8744.5.26.1.2.1.1.1 *not-accessible*

Specifies the index associated with a device in the Event system.

- **coDevEvMacAddress**

.1.3.6.1.4.1.8744.5.26.1.2.1.1.2 *read-only*

MAC address of the device generating the events.

### **coDeviceEventDetailTable**

.1.3.6.1.4.1.8744.5.26.1.2.2 *not-accessible*

The Event for each devices.

- **coDeviceEventDetailEntry**

.1.3.6.1.4.1.8744.5.26.1.2.2.1 *not-accessible*

An entry in the coDeviceEventDetailTable. coDevDisIndex - Uniquely identifies a device on the controller.

coDevEvIndex - Uniquely identifies a device in the Event system.

coDevEvLogIndex - Uniquely identifies a log for a specific device in the Event system.

- **coDevEvLogIndex**

.1.3.6.1.4.1.8744.5.26.1.2.2.1.1 *not-accessible*

Uniquely identifies a log for a specific device in the Event system.

- **coDevEvDetMacAddress**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.2 *read-only*  
MAC address of the device generating the events.
- **coDevEvTime**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.3 *read-only*  
Date and time of the event.
- **coDevEvSSID**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.4 *read-only*  
The SSID used by the wireless device.
- **coDevEvRadioIndex**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.5 *read-only*  
Radio index where the wireless device is connected.
- **coDevEvDuplicateCount**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.6 *read-only*  
Number of times this event is repeated.
- **coDevEvCategory**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.7 *read-only*  
The module that sent the message.
- **coDevEvOperation**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.8 *read-only*  
The action that has occurred.
- **coDevEvStatus**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.9 *read-only*  
The status itself.
- **coDevEvOptionalData**  
.1.3.6.1.4.1.8744.5.26.1.2.2.1.10 *read-only*  
Additional data that may be supplied (reason codes, etc).

## COLUBRIS-DEVICE-EVENT-MIB Traps

### **coDeviceEventSuccessfulAssociation**

.1.3.6.1.4.1.8744.5.26.2.0.1

Sent when a client station is successfully associated with the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventAssociationFailure**

.1.3.6.1.4.1.8744.5.26.2.0.2

Sent when a client station has failed to associate with the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventSuccessfulReAssociation**

.1.3.6.1.4.1.8744.5.26.2.0.3

Sent when a client station is successfully reassociated with the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventReAssociationFailure**

.1.3.6.1.4.1.8744.5.26.2.0.4

Sent when a client station has failed to reassociate with the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventSuccessfulAuthentication**

.1.3.6.1.4.1.8744.5.26.2.0.5

Sent when a client station is successfully authenticated.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventAuthenticationFailure**

.1.3.6.1.4.1.8744.5.26.2.0.6

Sent when a client station has failed to authenticate.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventSuccessfulDisAssociation**

.1.3.6.1.4.1.8744.5.26.2.0.7

Sent when a client station is successfully disassociated from the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventDisAssociationFailure**

.1.3.6.1.4.1.8744.5.26.2.0.8

Sent when a client station has failed to disassociate from the AP.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventSuccessfulDeAuthentication**

.1.3.6.1.4.1.8744.5.26.2.0.9

Sent when a client station is successfully deauthenticated.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

### **coDeviceEventDeAuthenticationFailure**

.1.3.6.1.4.1.8744.5.26.2.0.10

Sent when a client station has failed to deauthenticate.

**Parameters:** coDevEvMacAddress,coDevEvSSID,coDevEvStatus,coDevEvOptionalData.

---

## **COLUBRIS-DEVICE-DOT1X-MIB**

This MIB is used to display information about the 802.1X stations connected to APs managed by a controller.



## COLUBRIS-DEVICE-DOT1X-MIB OIDs

### coDeviceDot1xStatusTable

.1.3.6.1.4.1.8744.5.32.1.2.1 *not-accessible*

Device IEEE 802.1x wireless station status attributes.

- coDeviceDot1xStatusEntry  
.1.3.6.1.4.1.8744.5.32.1.2.1.1 *not-accessible*

An entry in the coDeviceDot1xStatusTable. coDevDisIndex - Uniquely identifies a device on the controller. coDev1xStaIndex - Uniquely identifies a 802.1X station on the device.
- coDev1xStaIndex  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.1 *not-accessible*

Specifies the index of a 802.1X station on the device.
- coDev1xStaMacAddress  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.2 *read-only*

Wireless MAC address of the 802.1X station.
- coDev1xStaUserName  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.3 *read-only*

The User-Name representing the identity of the Supplicant PAE.
- coDev1xStaPaeState  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.4 *read-only*

The current value of the Authenticator PAE state machine.
- coDev1xStaBackendAuthState  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.5 *read-only*

The current state of the Backend Authentication state machine.
- coDev1xStaPortStatus  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.6 *read-only*

The current value of the controlled Port status parameter for the Port.
- coDev1xStaSessionTime  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.7 *read-only*

The duration of the session in seconds.
- coDev1xStaTerminateCause  
.1.3.6.1.4.1.8744.5.32.1.2.1.1.8 *read-only*

The reason for session termination.

### coDeviceDot1xStatsTable

.1.3.6.1.4.1.8744.5.32.1.3.1 *not-accessible*

Device IEEE 802.1X wireless client statistic attributes.

- coDeviceDot1xStatsEntry  
.1.3.6.1.4.1.8744.5.32.1.3.1.1 *not-accessible*

An entry in the coDeviceDot1xStatsTable. coDevDisIndex - Uniquely identify a device on the controller.  
coDev1xStaIndex - Uniquely identify a 802.1X station on the device.

- **coDev1xStaEapolRxFrame**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.1 *read-only*  
The number of valid EAPOL frames of any type that have been received by this Authenticator.
- **coDev1xStaEapolTxFrame**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.2 *read-only*  
The number of EAPOL frames of any type that have been transmitted by this Authenticator.
- **coDev1xStaBackendResponses**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.3 *read-only*  
Counts the number of times that the state machine sends an initial Access-Request packet to the Authentication server (i.e., executes sendRespToServer on entry to the RESPONSE state). Indicates that the Authenticator attempted communication with the Authentication Server.
- **coDev1xStaBackendChallenges**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.4 *read-only*  
Counts the number of times that the state machine receives an initial Access-Challenge packet from the Authentication server (i.e., aReq becomes TRUE, causing exit from the RESPONSE state). Indicates that the Authentication Server has communication with the Authenticator.
- **coDev1xStaBackendAuthSuccesses**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.5 *read-only*  
Counts the number of times that the state machine receives an EAP-Success message from the Authentication Server (i.e., aSuccess becomes TRUE, causing a transition from RESPONSE to SUCCESS). Indicates that the Supplicant has successfully authenticated to the Authentication Server.
- **coDev1xStaBackendAuthFails**  
.1.3.6.1.4.1.8744.5.32.1.3.1.1.6 *read-only*  
Counts the number of times that the state machine receives an EAP-Failure message from the Authentication Server (i.e., aFail becomes TRUE, causing a transition from RESPONSE to FAIL). Indicates that the Supplicant has not authenticated to the Authentication Server.

---

## COLUBRIS-DEVICE-WIRELESS-MIB

This MIB is used to view the status and statistics of each wireless interface, Virtual Service Community (VSC), wireless client, and detected access point, available on each of the access points managed by a controller.

### COLUBRIS-DEVICE-WIRELESS-MIB OIDs

#### **coDevWirSNRLevelNotificationEnabled**

.1.3.6.1.4.1.8744.5.25.1.1.1 *read-write*

This attribute, when true, enables the generation of SNR level notifications.

### **coDevWirSNRLevelNotificationInterval**

.1.3.6.1.4.1.8744.5.25.1.1.2 *read-write*

Specifies the interval in minutes between SNR level notifications.

### **coDevWirMinimumSNRLevel**

.1.3.6.1.4.1.8744.5.25.1.1.3 *read-write*

A SNR level notification is generated each time the average SNR for all wireless stations connected to a VSC drops below this value.

### **coDevWirAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.25.1.1.4 *read-write*

Specifies if an association notification is generated when a new wireless client station associates with any VSC.

### **coDeviceWirelessInterfaceStatusTable**

.1.3.6.1.4.1.8744.5.25.1.2.1 *not-accessible*

Device wireless interface status attributes.

- **coDeviceWirelessInterfaceStatusEntry**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1 *not-accessible*  
 An entry in the coDeviceWirelessInterfaceStatusTable.  
 coDevDisIndex - Uniquely identifies a device on the controller.  
 coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.
- **coDevWirIfStaRadioIndex**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.1 *not-accessible*  
 Specifies the index of a radio on the device.
- **coDevWirIfStaIfIndex**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.2 *read-only*  
 Link to coDevIfStaIfIndex.
- **coDevWirIfStaOperatingMode**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.3 *read-only*  
 The current operating mode used by the radio.
- **coDevWirIfStaTransmitPower**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.4 *read-only*  
 Identifies the transmission power of the radio.
- **coDevWirIfStaOperatingChannel**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.5 *read-only*  
 Identifies the current operating channel of the radio.
- **coDevWirIfStaRadioMode**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.6 *read-only*  
 Identifies the current operating PHY type of the radio.
- **coDevWirIfStaRadioType**  
 .1.3.6.1.4.1.8744.5.25.1.2.1.1.7 *read-only*  
 Identifies the wireless device inside the device.

- **coDevWirIfStaRadioOperState**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.8 *read-only*  
When True indicates that the radio is enabled.
- **coDevWirIfStaNumberOfClient**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.9 *read-only*  
Identifies the number of associated wireless clients.
- **coDevWirIfStaAutoChannelEnabled**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.10 *read-only*  
When True indicates that the Auto Channel option is enabled.
- **coDevWirIfStaAutoChannelInterval**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.11 *read-only*  
Time interval, in minutes, between auto rescanning of channels. Maximum is 1440 minutes (24 hours). A value of zero disables automatic rescanning of channels which means that the radio will automatically select a channel when the interface initializes and use that channel as long as the interface is operational.
- **coDevWirIfStaAutoPowerEnabled**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.12 *read-only*  
When True, indicates that the Auto Power option is enabled.
- **coDevWirIfStaAutoPowerInterval**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.13 *read-only*  
Identifies the time interval, in minutes, between auto rescanning of channels. Maximum is 1440 minutes (24 hours).
- **coDevWirIfStaResetStats**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.14 *read-write*  
Reset the wireless interface statistics. Reading this object will always return 'idle'.
- **coDevWirIfStaGreenfieldOptionEnabled**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.15 *read-only*  
This attribute, when TRUE, indicates that the HT Greenfield option is enabled.
- **coDevWirIfStaNbDetectedStation**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.16 *read-only*  
Number of stations detected on this radio.
- **coDevWirIfStaProtectionStatus**  
.1.3.6.1.4.1.8744.5.25.1.2.1.1.17 *read-only*  
Indicates the reasons why the wireless protection is enabled.

### **coDeviceWirelessInterfaceStatsTable**

.1.3.6.1.4.1.8744.5.25.1.3.1 *not-accessible*

Device wireless interface statistics attributes.

- **coDeviceWirelessInterfaceStatsEntry**  
.1.3.6.1.4.1.8744.5.25.1.3.1.1 *not-accessible*  
An entry in the coDeviceWirelessInterfaceStatsTable.  
coDevDisIndex - Uniquely identifies a device on the controller.

coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.

- **coDevWirIfStsTransmittedFragmentCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.1 *read-only*

This counter is incremented for each acknowledged MPDU with an individual address in the address 1 field or an MPDU with a multicast address in the address 1 field of type Data or Management.
- **coDevWirIfStsMulticastTransmittedFrameCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.2 *read-only*

This counter is incremented only when the multicast bit is set in the destination MAC address of a successfully transmitted MSDU. When operating as a STA in an ESS, where these frames are directed to the AP, this implies having received an acknowledgment to all associated MPDUs.
- **coDevWirIfStsFailedCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.3 *read-only*

This counter is incremented when an MSDU is not transmitted successfully due to the number of transmit attempts exceeding either coDot11ShortRetryLimit or coDot11LongRetryLimit.
- **coDevWirIfStsRetryCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.4 *read-only*

This counter is incremented when an MSDU is successfully transmitted after one or more retransmissions.
- **coDevWirIfStsMultipleRetryCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.5 *read-only*

This counter is incremented when an MSDU is successfully transmitted after more than one retransmission.
- **coDevWirIfStsFrameDuplicateCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.6 *read-only*

This counter is incremented when a frame is received and the Sequence Control field indicates that it is a duplicate.
- **coDevWirIfStsRTSSuccessCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.7 *read-only*

This counter is incremented when a CTS is received in response to an RTS.
- **coDevWirIfStsRTSFailureCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.8 *read-only*

This counter is incremented when a CTS is not received in response to an RTS.
- **coDevWirIfStsACKFailureCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.9 *read-only*

This counter is incremented when an ACK is not received when expected.
- **coDevWirIfStsReceivedFragmentCount**  
 .1.3.6.1.4.1.8744.5.25.1.3.1.1.10 *read-only*

This counter is incremented for each successfully received MPDU of type Data or Management.

- **coDevWirIfStsMulticastReceivedFrameCount**  
.1.3.6.1.4.1.8744.5.25.1.3.1.1.11 *read-only*  
This counter is incremented when an MSDU is received with the multicast bit set in the destination MAC address.
- **coDevWirIfStsFCSErrorCount**  
.1.3.6.1.4.1.8744.5.25.1.3.1.1.12 *read-only*  
This counter is incremented when an FCS error is detected in a received MPDU.
- **coDevWirIfStsTransmittedFrameCount**  
.1.3.6.1.4.1.8744.5.25.1.3.1.1.13 *read-only*  
This counter is incremented for each successfully transmitted MSDU.
- **coDevWirIfStsReceivedFrameCount**  
.1.3.6.1.4.1.8744.5.25.1.3.1.1.14 *read-only*  
This counter is incremented when an MSDU is received.

### **coDeviceWirelessVscStatusTable**

.1.3.6.1.4.1.8744.5.25.1.5.1 *not-accessible*

Device Virtual Service Communities status attributes.

- **coDeviceWirelessVscStatusEntry**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1 *not-accessible*  
An entry in the coDeviceWirelessVscStatusTable.  
coDevDisIndex - Uniquely identifies a device on the controller.  
coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.  
coDevWirVscStaVscIndex - Uniquely identifies a Virtual Service Community in the device configuration file.
- **coDevWirVscStaVscIndex**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.1 *not-accessible*  
Specifies the index of a Virtual Service Community in the device configuration file.
- **coDevWirVscStaMscVscIndex**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.2 *read-only*  
Link to the Virtual Service Community in the device configuration file (coVscCfgIndex).
- **coDevWirVscStaBSSID**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.3 *read-only*  
MAC Address assigned to the Virtual Service Community running on the specified radio.
- **coDevWirVscStaDefaultVLAN**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.4 *read-only*  
VLAN ID assigned to a station after a successful 802.11 association.
- **coDevWirVscStaMaximumNumberOfUsers**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.5 *read-only*  
Maximum number of wireless client stations that can use the VSC on a specific radio.

- **coDevWirVscStaCurrentNumberOfUsers**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.6 *read-only*  
Indicates the number of wireless client stations connected via this VSC.
- **coDevWirVscStaAverageSNR**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.7 *read-only*  
Average SNR level for the users connected to this VSC.
- **coDevWirVscStaResetStats**  
.1.3.6.1.4.1.8744.5.25.1.5.1.1.8 *read-write*  
Reset the VSC statistics. Reading this object will always return 'idle'.

### **coDeviceWirelessVscStatsTable**

.1.3.6.1.4.1.8744.5.25.1.6.1 *not-accessible*

Device Virtual Service Communities statistical attributes.

- **coDeviceWirelessVscStatsEntry**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1 *not-accessible*  
An entry in the coDeviceWirelessVscStatsTable.  
coDevDisIndex - Uniquely identifies a device in the MultiService Controller.  
coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.  
coDevWirVscStaVscIndex - Uniquely identifies a Virtual Service Community in the device configuration file.
- **coDevWirVscStsTxSecurityFilter**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.1 *read-only*  
Number of outgoing packets dropped by the wireless security filters.
- **coDevWirVscStsRxSecurityFilter**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.2 *read-only*  
Number of incoming packets dropped by the wireless security filters.
- **coDevWirVscStsWEPICVError**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.3 *read-only*  
This counter increments when a frame is received with the WEP subfield of the Frame Control field set to one and the value of the ICV as received in the frame does not match the ICV value that is calculated for the contents of the received frame.
- **coDevWirVscStsWEPExcluded**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.4 *read-only*  
This counter increments when a frame is received with the WEP subfield of the Frame Control field set to zero.
- **coDevWirVscStsTKIPICVError**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.5 *read-only*  
Number of incoming packets with TKIP ICV errors.
- **coDevWirVscStsTKIPMICError**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.6 *read-only*  
Number of incoming packets with TKIP MIC errors.

- **coDevWirVscStsTKIPCounterMeasure**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.7 *read-only*  
Number of times the counter measure has been invoked.
- **coDevWirVscStsTKIPReplay**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.8 *read-only*  
Number of incoming packets with TKIP replays.
- **coDevWirVscStsAESError**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.9 *read-only*  
Number of incoming AES packets that were undecryptable.
- **coDevWirVscStsAESReplay**  
.1.3.6.1.4.1.8744.5.25.1.6.1.1.10 *read-only*  
Number of incoming packets with AES replays.

### **coDeviceWirelessClientStatusTable**

.1.3.6.1.4.1.8744.5.25.1.7.1 *not-accessible*  
Device Wireless client status attributes.

- **coDeviceWirelessClientStatusEntry**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1 *not-accessible*  
An entry in the coDeviceWirelessClientStatusTable.  
coDevDisIndex - Uniquely identifies a device on the controller.  
coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.  
coDevWirCliStaIndex - Uniquely identifies a wireless client using the specified radio on the device.
- **coDevWirCliStaIndex**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.1 *not-accessible*  
Specifies the index of a wireless client using the specified radio on the device. The association ID is used for the index. On new products, the index contain also a VSC index.
- **coDevWirCliStaMACAddress**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.2 *read-only*  
Unique MAC Address assigned to the wireless device.
- **coDevWirCliStaVscIndex**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.3 *read-only*  
Index of the Virtual Service Community in the device configuration file (coDevWirVscStaVscIndex).
- **coDevWirCliStaConnectTime**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.4 *read-only*  
Elapsed time in seconds since a station has associated with this device.
- **coDevWirCliStaSignalLevel**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.5 *read-only*  
Strength of the wireless signal.



- **coDevWirCliStaNoiseLevel**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.6 *read-only*  
Level of local background noise.
- **coDevWirCliStaSNR**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.7 *read-only*  
Relative strength of the signal level compared to the noise level.
- **coDevWirCliStaVLAN**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.8 *read-only*  
VLAN ID of the associated station.
- **coDevWirCliStaTransmitRate**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.9 *read-only*  
Current transmit rate of a associated station.
- **coDevWirCliStaReceiveRate**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.10 *read-only*  
Current receive rate of a associated station.
- **coDevWirCliStaTrafficAuthorized**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.11 *read-only*  
Current receive rate of the associated station.
- **coDevWirCliSta8021xAuthenticated**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.12 *read-only*  
Current receive rate of the associated station.
- **coDevWirCliStaMACAuthenticated**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.13 *read-only*  
Current receive rate of the associated station.
- **coDevWirCliStaMACFiltered**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.14 *read-only*  
Current receive rate of the associated station.
- **coDevWirCliStaPhyType**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.15 *read-only*  
Indicates the wireless mode used by the associated station.
- **coDevWirCliStaWPAType**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.16 *read-only*  
Indicates the WPA/Encryption type used by the wireless station.
- **coDevWirCliStaIpAddress**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.17 *read-only*  
Indicates the IP address of the wireless station.
- **coDevWirCliStaPowerSavingMode**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.18 *read-only*  
If true, indicates that the wireless station is in power save mode.

- **coDevWirCliStaWME**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.19 *read-only*  
true: The wireless station sends QOS data frames.  
false: The wireless station sends data frames.
- **coDevWirCliStaPreviousAPAddress**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.20 *read-only*  
Indicates the if the station roamed from this access point.
- **coDevWirCliStaResetStats**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.21 *read-write*  
Reset the wireless client statistics. Reading this object will always return 'idle'.  
resetStats: Reset the client statistics.  
resetRates: Reset the client statistics rates.  
resetAll: Perform both operations.
- **coDevWirCliStaHT**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.22 *read-only*  
Indicates that the associated station is HT.
- **coDevWirCliStaTransmitMCS**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.23 *read-only*  
Current transmit MCS of an HT associated station.
- **coDevWirCliStaReceiveMCS**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.24 *read-only*  
Current receive MCS of an HT associated station.
- **coDevWirCliStaChannelWidth**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.25 *read-only*  
Channel width used by the wireless client.
- **coDevWirCliStaShortGI**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.26 *read-only*  
Indicates if the wireless client is using short GI.
- **coDevWirCliDisassociate**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.27 *read-write*  
Disassociate the wireless client. Reading this object will always return 'idle'.  
disassociate: disassociate the client.
- **coDevWirCliStaNbStreams**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.28 *read-only*  
Number of spatial streams used with the HT client.
- **coDevWirCliStaQOSLevel**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.29 *read-only*  
QOS level assigned by a RADIUS server.

- **coDevWirCliStaLegacyRates**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.30 *read-only*  
Legacy rates negotiated during the association.

- **coDevWirCliStaHTRates**  
.1.3.6.1.4.1.8744.5.25.1.7.1.1.31 *read-only*  
HT rates negotiated during the association.

### **coDevWirNbAssociatedStation**

.1.3.6.1.4.1.8744.5.25.1.7.2 *read-only*  
Number of stations in the wireless client table.

### **coDeviceWirelessClientStatsTable**

.1.3.6.1.4.1.8744.5.25.1.8.1 *not-accessible*  
Device Wireless client statistical attributes.

- **coDeviceWirelessClientStatsEntry**  
.1.3.6.1.4.1.8744.5.25.1.8.1.1 *not-accessible*  
An entry in the coDeviceWirelessClientStatsTable.  
coDevDisIndex - Uniquely identifies a device on the controller.  
coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.  
coDevWirCliStaIndex - Uniquely identifies a wireless client using the specified radio on the device.

- **coDevWirCliStsInPkts**  
.1.3.6.1.4.1.8744.5.25.1.8.1.1.1 *read-only*  
Number of packets received from the wireless station after it associated.

- **coDevWirCliStsOutPkts**  
.1.3.6.1.4.1.8744.5.25.1.8.1.1.2 *read-only*  
Number of packets send to the wireless station after it associated.

- **coDevWirCliStsInOctets**  
.1.3.6.1.4.1.8744.5.25.1.8.1.1.3 *read-only*  
Number of octets received from the wireless station after it associated.

- **coDevWirCliStsOutOctets**  
.1.3.6.1.4.1.8744.5.25.1.8.1.1.4 *read-only*  
Number of octets send to the wireless station after it associated.

### **coDeviceWirelessClientStatsRatesTable**

.1.3.6.1.4.1.8744.5.25.1.9.1 *not-accessible*  
Device Wireless client statistical rate attributes.

- **coDeviceWirelessClientStatsRatesEntry**  
.1.3.6.1.4.1.8744.5.25.1.9.1.1 *not-accessible*  
An entry in the coDeviceWirelessClientStatsRatesTable.  
coDevDisIndex - Uniquely identifies a device on the controller.  
coDevWirIfStaRadioIndex - Uniquely identifies a radio on the device.

coDevWirCliStaIndex - Uniquely identifies a wireless client using the specified radio on the device.

- coDevWirCliStsPktsTxRate1  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.1 *read-only*  
Number of frames transmitted at 1 Mbps since the station associated.
- coDevWirCliStsPktsTxRate2  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.2 *read-only*  
Number of frames transmitted at 2 Mbps since the station associated.
- coDevWirCliStsPktsTxRate5dot5  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.3 *read-only*  
Number of frames transmitted at 5.5 Mbps since the station associated.
- coDevWirCliStsPktsTxRate11  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.4 *read-only*  
Number of frames transmitted at 11 Mbps since the station associated.
- coDevWirCliStsPktsTxRate6  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.5 *read-only*  
Number of frames transmitted at 6 Mbps since the station associated.
- coDevWirCliStsPktsTxRate9  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.6 *read-only*  
Number of frames transmitted at 9 Mbps since the station associated.
- coDevWirCliStsPktsTxRate12  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.7 *read-only*  
Number of frames transmitted at 12 Mbps since the station associated.
- coDevWirCliStsPktsTxRate18  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.8 *read-only*  
Number of frames transmitted at 18 Mbps since the station associated.
- coDevWirCliStsPktsTxRate24  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.9 *read-only*  
Number of frames transmitted at 24 Mbps since the station associated.
- coDevWirCliStsPktsTxRate36  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.10 *read-only*  
Number of frames transmitted at 36 Mbps since the station associated.
- coDevWirCliStsPktsTxRate48  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.11 *read-only*  
Number of frames transmitted at 48 Mbps since the station associated.
- coDevWirCliStsPktsTxRate54  
.1.3.6.1.4.1.8744.5.25.1.9.1.1.12 *read-only*  
Number of frames transmitted at 54 Mbps since the station associated.

- **coDevWirCliStsPktsRxRate1**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.13 *read-only*  
 Number of frames received at 1 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate2**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.14 *read-only*  
 Number of frames received at 2 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate5dot5**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.15 *read-only*  
 Number of frames received at 5.5 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate11**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.16 *read-only*  
 Number of frames received at 11 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate6**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.17 *read-only*  
 Number of frames received at 6 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate9**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.18 *read-only*  
 Number of frames received at 9 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate12**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.19 *read-only*  
 Number of frames received at 12 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate18**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.20 *read-only*  
 Number of frames received at 18 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate24**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.21 *read-only*  
 Number of frames received at 24 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate36**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.22 *read-only*  
 Number of frames received at 36 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate48**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.23 *read-only*  
 Number of frames received at 48 Mbps since the station associated.
- **coDevWirCliStsPktsRxRate54**  
 .1.3.6.1.4.1.8744.5.25.1.9.1.1.24 *read-only*  
 Number of frames received at 54 Mbps since the station associated.

**coDeviceWirelessClientStatsHTRatesTable**

.1.3.6.1.4.1.8744.5.25.1.10.1 *not-accessible*

Device Wireless HT client statistical rate attributes.

- **coDeviceWirelessClientStatsHTRatesEntry**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1 *not-accessible*  
An entry in the `coDeviceWirelessClientStatsHTRatesTable`.  
`coDevDisIndex` - Uniquely identifies a device on the controller.  
`coDevWirIfStaRadioIndex` - Uniquely identifies a radio on the device.  
`coDevWirCliStaIndex` - Uniquely identifies an HT wireless client using the specified radio on the device.
- **coDevWirCliStsPktsTxMCS0**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.1 *read-only*  
Number of frames transmitted at MCS0 since the station associated.
- **coDevWirCliStsPktsTxMCS1**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.2 *read-only*  
Number of frames transmitted at MCS1 since the station associated.
- **coDevWirCliStsPktsTxMCS2**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.3 *read-only*  
Number of frames transmitted at MCS2 since the station associated.
- **coDevWirCliStsPktsTxMCS3**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.4 *read-only*  
Number of frames transmitted at MCS3 since the station associated.
- **coDevWirCliStsPktsTxMCS4**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.5 *read-only*  
Number of frames transmitted at MCS4 since the station associated.
- **coDevWirCliStsPktsTxMCS5**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.6 *read-only*  
Number of frames transmitted at MCS5 since the station associated.
- **coDevWirCliStsPktsTxMCS6**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.7 *read-only*  
Number of frames transmitted at MCS6 since the station associated.
- **coDevWirCliStsPktsTxMCS7**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.8 *read-only*  
Number of frames transmitted at MCS7 since the station associated.
- **coDevWirCliStsPktsTxMCS8**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.9 *read-only*  
Number of frames transmitted at MCS8 since the station associated.
- **coDevWirCliStsPktsTxMCS9**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.10 *read-only*  
Number of frames transmitted at MCS9 since the station associated.
- **coDevWirCliStsPktsTxMCS10**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.11 *read-only*  
Number of frames transmitted at MCS10 since the station associated.

- **coDevWirCliStsPktsTxMCS11**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.12 *read-only*  
Number of frames transmitted at MCS11 since the station associated.
- **coDevWirCliStsPktsTxMCS12**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.13 *read-only*  
Number of frames transmitted at MCS12 since the station associated.
- **coDevWirCliStsPktsTxMCS13**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.14 *read-only*  
Number of frames transmitted at MCS13 since the station associated.
- **coDevWirCliStsPktsTxMCS14**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.15 *read-only*  
Number of frames transmitted at MCS14 since the station associated.
- **coDevWirCliStsPktsTxMCS15**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.16 *read-only*  
Number of frames transmitted at MCS15 since the station associated.
- **coDevWirCliStsPktsRxMCS0**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.17 *read-only*  
Number of frames received at MCS0 since the station associated.
- **coDevWirCliStsPktsRxMCS1**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.18 *read-only*  
Number of frames received at MCS1 since the station associated.
- **coDevWirCliStsPktsRxMCS2**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.19 *read-only*  
Number of frames received at MCS2 since the station associated.
- **coDevWirCliStsPktsRxMCS3**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.20 *read-only*  
Number of frames received at MCS3 since the station associated.
- **coDevWirCliStsPktsRxMCS4**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.21 *read-only*  
Number of frames received at MCS4 since the station associated.
- **coDevWirCliStsPktsRxMCS5**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.22 *read-only*  
Number of frames received at MCS5 since the station associated.
- **coDevWirCliStsPktsRxMCS6**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.23 *read-only*  
Number of frames received at MCS6 since the station associated.
- **coDevWirCliStsPktsRxMCS7**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.24 *read-only*  
Number of frames received at MCS7 since the station associated.

- **coDevWirCliStsPktsRxMCS8**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.25 *read-only*  
Number of frames received at MCS8 since the station associated.
- **coDevWirCliStsPktsRxMCS9**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.26 *read-only*  
Number of frames received at MCS9 since the station associated.
- **coDevWirCliStsPktsRxMCS10**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.27 *read-only*  
Number of frames received at MCS10 since the station associated.
- **coDevWirCliStsPktsRxMCS11**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.28 *read-only*  
Number of frames received at MCS11 since the station associated.
- **coDevWirCliStsPktsRxMCS12**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.29 *read-only*  
Number of frames received at MCS12 since the station associated.
- **coDevWirCliStsPktsRxMCS13**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.30 *read-only*  
Number of frames received at MCS13 since the station associated.
- **coDevWirCliStsPktsRxMCS14**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.31 *read-only*  
Number of frames received at MCS14 since the station associated.
- **coDevWirCliStsPktsRxMCS15**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.32 *read-only*  
Number of frames received at MCS15 since the station associated.
- **coDevWirCliStsPktsTxMCS16**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.33 *read-only*  
Number of frames transmitted at MCS16 since the station associated.
- **coDevWirCliStsPktsTxMCS17**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.34 *read-only*  
Number of frames transmitted at MCS17 since the station associated.
- **coDevWirCliStsPktsTxMCS18**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.35 *read-only*  
Number of frames transmitted at MCS18 since the station associated.
- **coDevWirCliStsPktsTxMCS19**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.36 *read-only*  
Number of frames transmitted at MCS19 since the station associated.
- **coDevWirCliStsPktsTxMCS20**  
.1.3.6.1.4.1.8744.5.25.1.10.1.1.37 *read-only*  
Number of frames transmitted at MCS20 since the station associated.



- **coDevWirCliStsPktsTxMCS21**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.38 *read-only*  
 Number of frames transmitted at MCS21 since the station associated.
- **coDevWirCliStsPktsTxMCS22**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.39 *read-only*  
 Number of frames transmitted at MCS22 since the station associated.
- **coDevWirCliStsPktsTxMCS23**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.40 *read-only*  
 Number of frames transmitted at MCS23 since the station associated.
- **coDevWirCliStsPktsRxMCS16**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.41 *read-only*  
 Number of frames received at MCS16 since the station associated.
- **coDevWirCliStsPktsRxMCS17**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.42 *read-only*  
 Number of frames received at MCS17 since the station associated.
- **coDevWirCliStsPktsRxMCS18**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.43 *read-only*  
 Number of frames received at MCS18 since the station associated.
- **coDevWirCliStsPktsRxMCS19**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.44 *read-only*  
 Number of frames received at MCS19 since the station associated.
- **coDevWirCliStsPktsRxMCS20**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.45 *read-only*  
 Number of frames received at MCS20 since the station associated.
- **coDevWirCliStsPktsRxMCS21**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.46 *read-only*  
 Number of frames received at MCS21 since the station associated.
- **coDevWirCliStsPktsRxMCS22**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.47 *read-only*  
 Number of frames received at MCS22 since the station associated.
- **coDevWirCliStsPktsRxMCS23**  
 .1.3.6.1.4.1.8744.5.25.1.10.1.1.48 *read-only*  
 Number of frames received at MCS23 since the station associated.

**coDeviceWirelessDetectedAPTable**

.1.3.6.1.4.1.8744.5.25.1.13.1 *not-accessible*

Device Wireless detected AP attributes.

- **coDeviceWirelessDetectedAPEntry**  
 .1.3.6.1.4.1.8744.5.25.1.13.1.1 *not-accessible*  
 An entry in the coDeviceWirelessDetectedAPTable.

coDevDisIndex - Uniquely identifies a device on the MultiService Controller.

coDevWirApIndex - Uniquely identifies an Access Point in the device detected AP table.

- **coDevWirApIndex**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.1 *not-accessible*  
The auxiliary variable used to identify instances of APs in the device detected AP table.
- **coDevWirApBSSID**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.2 *read-only*  
The wireless MAC address of the remote device.
- **coDevWirApRadioIndex**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.3 *read-only*  
Link to coDevWirIfStaRadioIndex.
- **coDevWirApSSID**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.4 *read-only*  
The Service Set ID broadcast by the remote device.
- **coDevWirApChannel**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.5 *read-only*  
The operating frequency channel of the remote device.
- **coDevWirApSignalLevel**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.6 *read-only*  
Strength of the wireless signal.
- **coDevWirApNoiseLevel**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.7 *read-only*  
Level of local background noise.
- **coDevWirApSNR**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.8 *read-only*  
Relative strength of the signal level compared to the noise level.
- **coDevWirApPHYType**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.9 *read-only*  
Radio type used by the device.
- **coDevWirApSecurity**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.10 *read-only*  
Indicates the WPA/Encryption type used by the wireless station.
- **coDevWirApNetworkType**  
.1.3.6.1.4.1.8744.5.25.1.13.1.1.11 *read-only*  
Indicates the network type used by the wireless station.

**coDevWirNbDetectedStation**

.1.3.6.1.4.1.8744.5.25.1.14.1 *read-only*

Number of stations in the detected station table.

## coDeviceWirelessDetectedStationTable

.1.3.6.1.4.1.8744.5.25.1.14.2 *not-accessible*

Device Wireless detected station attributes.

- coDeviceWirelessDetectedStationEntry  
.1.3.6.1.4.1.8744.5.25.1.14.2.1 *not-accessible*  
An entry in the coDeviceWirelessDetectedStationTable.  
coDevDisIndex - Uniquely identifies a device on the controller.  
coDevWirSDetRadioIndex - Uniquely identifies a radio on the device.  
coDevWirDetStaIndex - Uniquely identifies a station in the device detected station table.
- coDevWirSDetRadioIndex  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.1 *not-accessible*  
Specifies the index of a radio on the device.
- coDevWirDetStaIndex  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.2 *not-accessible*  
Identifies a wireless client detected on a specific radio.
- coDevWirDetStaMacAddress  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.3 *read-only*  
MAC address of the wireless client.
- coDevWirDetStaChannel  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.4 *read-only*  
The operating frequency channel when the last probe request was received.
- coDevWirDetStaSignalLevel  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.5 *read-only*  
Strength of the wireless signal.
- coDevWirDetStaNoiseLevel  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.6 *read-only*  
Level of local background noise.
- coDevWirDetStaNbProbeReq  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.7 *read-only*  
Total number of probes request received from this client.
- coDevWirDetStaRate  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.8 *read-only*  
Receive rate of the last probe request received from this client.
- coDevWirDetStaSSID  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.9 *read-only*  
SSID contained in the last probe request received from this client.
- coDevWirDetStaTimeDiscovered  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.10 *read-only*  
Elapsed time in seconds since the first probe has been received from this client.

- **coDevWirDetStaTimeLastSeen**  
.1.3.6.1.4.1.8744.5.25.1.14.2.1.11 *read-only*  
Elapsed time in seconds since the last probe has been received from this client.

## COLUBRIS-DEVICE-WIRELESS-MIB Traps

### coDeviceWirelessSNRLevelNotification

.1.3.6.1.4.1.8744.5.25.2.0.1

The average SNR level for all the stations using this Virtual Service Community is below the threshold.

**Parameters:** coDevWirVscStaBSSID,coDevWirVscStaMscVscIndex,coDevWirVscStaAverageSNR.

### coDeviceWirelessAssociationNotification

.1.3.6.1.4.1.8744.5.25.2.0.2

Sent when a new association is made with a Virtual Service Community.

**Parameters:** coDevWirCliStaMACAddress,coDevWirVscStaBSSID,coDevWirVscStaMscVscIndex.

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## COLUBRIS-WIRELESS-CLIENT-MIB

This MIB provides extended system information for HP wireless client devices.

## COLUBRIS-WIRELESS-CLIENT-MIB OIDs

### colubrisWirelessClientState

.1.3.6.1.4.1.8744.5.20.1.1.1

*read-only*

802.11 status of the device.

### colubrisWirelessClientSSID

.1.3.6.1.4.1.8744.5.20.1.1.2

*read-only*

Service Set ID assigned to the device.

### colubrisWirelessClientBSSID

.1.3.6.1.4.1.8744.5.20.1.1.3

*read-only*

When the client state is associated, this object identifies the MAC Address of the access point.

### colubrisWirelessClientSignalLevel

.1.3.6.1.4.1.8744.5.20.1.1.4

*read-only*

Strength of the wireless signal (in dBm).

### colubrisWirelessClientNoiseLevel

.1.3.6.1.4.1.8744.5.20.1.1.5

*read-only*

Level of local background noise (in dBm).

### colubrisWirelessClientSNR

.1.3.6.1.4.1.8744.5.20.1.1.6

*read-only*

Relative strength of the signal level compared to the noise level.

**colubrisWirelessClientConnectionNotificationEnabled**

.1.3.6.1.4.1.8744.5.20.1.1.7 *read-write*

Specifies if colubrisWirelessClientConnectionNotification events are generated.

**colubrisWirelessClientConnectTime**

.1.3.6.1.4.1.8744.5.20.1.1.8 *read-only*

Elapsed time in seconds since the device successfully associated with an access point.

**colubrisWirelessClientAuthorizedState**

.1.3.6.1.4.1.8744.5.20.1.1.9 *read-only*

Indicates if user traffic is allowed on the wireless port.

**colubrisWirelessClientEncryptionStatus**

.1.3.6.1.4.1.8744.5.20.1.1.10 *read-only*

Indicates the encryption method used to communicate with the access point.

**colubrisWirelessClientTransmitRate**

.1.3.6.1.4.1.8744.5.20.1.1.11 *read-only*

Current data transmission rate of the station. Rates are set in increments of 500 Kb/s from 1 Mb/s to 63.5 Mb/s.

**colubrisWirelessClientReceiveRate**

.1.3.6.1.4.1.8744.5.20.1.1.12 *read-only*

Current receive rate of the station. Rates are set in increments of 500 Kb/s from 1 Mb/s to 63.5 Mb/s.

**colubrisWirelessClientInPkts**

.1.3.6.1.4.1.8744.5.20.1.2.1 *read-only*

Number of packets received since associating with an access point.

**colubrisWirelessClientOutPkts**

.1.3.6.1.4.1.8744.5.20.1.2.2 *read-only*

Number of packets sent since associating with an access point.

**colubrisWirelessClientInOctets**

.1.3.6.1.4.1.8744.5.20.1.2.3 *read-only*

Number of octets received since associating with an access point.

**colubrisWirelessClientOutOctets**

.1.3.6.1.4.1.8744.5.20.1.2.4 *read-only*

Number of octets sent since associating with an access point.

**colubrisWirelessClientPktsTxRate1**

.1.3.6.1.4.1.8744.5.20.1.2.5 *read-only*

Number of frames transmitted at 1 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate2**

.1.3.6.1.4.1.8744.5.20.1.2.6 *read-only*

Number of frames transmitted at 2 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate5dot5**

.1.3.6.1.4.1.8744.5.20.1.2.7 *read-only*

Number of frames transmitted at 5.5 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate11**

.1.3.6.1.4.1.8744.5.20.1.2.8 *read-only*

Number of frames transmitted at 11 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate6**

.1.3.6.1.4.1.8744.5.20.1.2.9 *read-only*

Number of frames transmitted at 6 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate9**

.1.3.6.1.4.1.8744.5.20.1.2.10 *read-only*

Number of frames transmitted at 9 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate12**

.1.3.6.1.4.1.8744.5.20.1.2.11 *read-only*

Number of frames transmitted at 12 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate18**

.1.3.6.1.4.1.8744.5.20.1.2.12 *read-only*

Number of frames transmitted at 18 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate24**

.1.3.6.1.4.1.8744.5.20.1.2.13 *read-only*

Number of frames transmitted at 24 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate36**

.1.3.6.1.4.1.8744.5.20.1.2.14 *read-only*

Number of frames transmitted at 36 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate48**

.1.3.6.1.4.1.8744.5.20.1.2.15 *read-only*

Number of frames transmitted at 48 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsTxRate54**

.1.3.6.1.4.1.8744.5.20.1.2.16 *read-only*

Number of frames transmitted at 54 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate1**

.1.3.6.1.4.1.8744.5.20.1.2.17 *read-only*

Number of frames received at 1 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate2**

.1.3.6.1.4.1.8744.5.20.1.2.18 *read-only*

Number of frames received at 2 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate5dot5**

.1.3.6.1.4.1.8744.5.20.1.2.19 *read-only*

Number of frames received at 5.5 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate11**

.1.3.6.1.4.1.8744.5.20.1.2.20 *read-only*

Number of frames received at 11 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate6**

.1.3.6.1.4.1.8744.5.20.1.2.21 *read-only*

Number of frames received at 6 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate9**

.1.3.6.1.4.1.8744.5.20.1.2.22 *read-only*

Number of frames received at 9 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate12**

.1.3.6.1.4.1.8744.5.20.1.2.23 *read-only*

Number of frames received at 12 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate18**

.1.3.6.1.4.1.8744.5.20.1.2.24 *read-only*

Number of frames received at 18 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate24**

.1.3.6.1.4.1.8744.5.20.1.2.25 *read-only*

Number of frames received at 24 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate36**

.1.3.6.1.4.1.8744.5.20.1.2.26 *read-only*

Number of frames received at 36 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate48**

.1.3.6.1.4.1.8744.5.20.1.2.27 *read-only*

Number of frames received at 48 Mbit/s since associating with an access point.

**colubrisWirelessClientPktsRxRate54**

.1.3.6.1.4.1.8744.5.20.1.2.28 *read-only*

Number of frames received at 54 Mbit/s since associating with an access point.

**COLUBRIS-WIRELESS-CLIENT-MIB Traps**

**colubrisWirelessClientConnectionNotification**

.1.3.6.1.4.1.8744.5.20.2.0.1

Sent when an 802.11/802.1X connection is successfully completed.

**Parameters:** sysName,systemSerialNumber,colubrisWirelessClientSSID,colubrisWirelessClientBSSID.

## COLUBRIS-WDS-MIB

This MIB is used to display information about the local mesh feature on an HP access point. **IMPORTANT:** To better reflect the types of services offered by this feature as it has evolved, it has been renamed from WDS to local mesh. However, for backward compatibility, the names of the objects in this MIB have not changed, only the descriptions have been updated to bring them in line with the product documentation. Therefore, all references to 'WDS' have been replaced by 'local mesh'.

### COLUBRIS-WDS-MIB OIDs

#### coWDSNumberOfGroup

.1.3.6.1.4.1.8744.5.33.1.1.1 *read-only*

Number of local mesh profiles supported by the AP.

#### coWSDynamicModeImplemented

.1.3.6.1.4.1.8744.5.33.1.1.2 *read-only*

Indicates if dynamic local mesh mode is available in the AP.

#### coWDSRadioTable

.1.3.6.1.4.1.8744.5.33.1.2.1 *not-accessible*

Conceptual table for the ACK distance parameter.

- coWDSRadioEntry

.1.3.6.1.4.1.8744.5.33.1.2.1.1 *not-accessible*

An entry (conceptual row) in the ACK distance table.

coWDSRadioIndex - Number of the radio on which the ACK distance is applied.

- coWDSRadioIndex

.1.3.6.1.4.1.8744.5.33.1.2.1.1.1 *not-accessible*

Radio number.

- coWDSRadioAckDistance

.1.3.6.1.4.1.8744.5.33.1.2.1.1.2 *read-only*

Maximum distance between the AP and its remote peers.

- coWDSRadioQoS

.1.3.6.1.4.1.8744.5.33.1.2.1.1.3 *read-only*

QoS priority mechanism used to map the traffic to one of the four WMM traffic queues.

#### coWDSGroupTable

.1.3.6.1.4.1.8744.5.33.1.3.1 *not-accessible*

Conceptual table for the local mesh profiles. This table contains configuration information for each profile.

- coWDSGroupEntry

.1.3.6.1.4.1.8744.5.33.1.3.1.1 *not-accessible*

An Entry (conceptual row) in the local mesh table.

coWDSGroupIndex - Uniquely identify a WDS group inside the WDS group table.



- **coWDSGroupIndex**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.1 *not-accessible*  
 The auxiliary variable used to identify instances of local mesh profiles.
- **coWDSGroupName**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.2 *read-only*  
 Friendly name of the local mesh profile.
- **coWDSGroupState**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.3 *read-only*  
 Indicates if the local mesh profile is active on the radios.
- **coWDSGroupSecurity**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.4 *read-only*  
 Indicates the encryption used by the WDS group.
- **coWDSGroupAddressing**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.5 *read-only*  
 Indicates if the local mesh profile is static or dynamic.
- **coWDSGroupStaticMacAddress**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.6 *read-only*  
 For static local mesh profiles, this object indicates the MAC address of the remote AP.
- **coWDSGroupDynamicMode**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.7 *read-only*  
 Indicates the mode of the dynamic local mesh profile.
- **coWDSGroupDynamicGroupId**  
 .1.3.6.1.4.1.8744.5.33.1.3.1.1.8 *read-only*  
 Indicates the profile identifier for the dynamic local mesh profile.

### **coWDSLinkTable**

.1.3.6.1.4.1.8744.5.33.1.4.1 *not-accessible*

Conceptual table for the local mesh profiles. This table contains status information for up to 54 local mesh links.

- **coWDSLinkEntry**  
 .1.3.6.1.4.1.8744.5.33.1.4.1.1 *not-accessible*  
 An Entry (conceptual row) in the local mesh link table.  
 coWDSGroupIndex - Uniquely identify a local mesh profile inside the local mesh profile table.  
 coWDSLinkIndex - Uniquely identify a local mesh link inside a local mesh profile.
- **coWDSLinkIndex**  
 .1.3.6.1.4.1.8744.5.33.1.4.1.1.1 *not-accessible*  
 The auxiliary variable used to identify instances of local mesh links.
- **coWDSLinkState**  
 .1.3.6.1.4.1.8744.5.33.1.4.1.1.2 *read-only*  
 Specifies the state of the local mesh link.

- **coWDSLinkRadio**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.3 *read-only*  
Radio number where the local mesh peer was detected.
- **coWDSLinkPeerMacAddress**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.4 *read-only*  
MAC address of the local mesh peer.
- **coWDSLinkMaster**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.5 *read-only*  
Indicates if this link is a link to a master node, which provides access to the root network for the mesh.
- **coWDSLinkAuthorized**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.6 *read-only*  
Encryption, if any, can proceed.
- **coWDSLinkEncryption**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.7 *read-only*  
Indicates the encryption used by the local mesh link.
- **coWDSLinkIdleTime**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.8 *read-only*  
Inactivity time.
- **coWDSLinkSNR**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.9 *read-only*  
Signal noise ratio of the local mesh peer.
- **coWDSLinkTxRate**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.10 *read-only*  
Current transmit rate of the local mesh peer.
- **coWDSLinkRxRate**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.11 *read-only*  
Current receive rate of the local mesh peer.
- **coWDSLinkIfIndex**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.12 *read-only*  
ifIndex of the associated interface in the ifTable.
- **coWDSLinkHT**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.13 *read-only*  
Indicates if the link is using high throughput data rates.
- **coWDSLinkTxMCS**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.14 *read-only*  
Current transmit MCS of the HT local mesh peer.
- **coWDSLinkRxMCS**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.15 *read-only*  
Current receive MCS of the HT local mesh peer.

- **coWDSLinkSignal**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.16 *read-only*  
Strength of the wireless signal.
- **coWDSLinkNoise**  
.1.3.6.1.4.1.8744.5.33.1.4.1.1.17 *read-only*  
Level of local background noise.

### **coWDSNetworkScanTable**

.1.3.6.1.4.1.8744.5.33.1.5.1 *not-accessible*

Conceptual table for local mesh network scans.

- **coWDSNetworkScanEntry**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1 *not-accessible*  
An Entry (conceptual row) in the WDS Network Scan Table.  
coWDSScanRadioIndex - Radio number where the local mesh peer was detected.  
coWDSScanPeerIndex - Uniquely identify a local mesh peer on a radio inside the local mesh network scan table.
- **coWDSScanRadioIndex**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.1 *not-accessible*  
Radio number on which the local mesh peer was detected.
- **coWDSScanPeerIndex**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.2 *not-accessible*  
Uniquely identify a local mesh peer on a radio.
- **coWDSScanGroupId**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.3 *read-only*  
Mesh ID used by the local mesh peer.
- **coWDSScanPeerMacAddress**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.4 *read-only*  
MAC address of the local mesh peer.
- **coWDSScanChannel**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.5 *read-only*  
Channel on which the local mesh peer is transmitting.
- **coWDSScanSNR**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.6 *read-only*  
Signal noise ratio of the local mesh peer.
- **coWDSScanMode**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.7 *read-only*  
Current mode of the local mesh peer.
- **coWDSScanAvailable**  
.1.3.6.1.4.1.8744.5.33.1.5.1.1.8 *read-only*  
Peer is accepting connections.

## COLUBRIS-PUBLIC-ACCESS-MIB

This MIB is used to manage public access settings in Colubris access controller devices. It includes status information and the list of authenticated users.

### COLUBRIS-PUBLIC-ACCESS-MIB OIDs

#### **publicAccessStatus**

.1.3.6.1.4.1.8744.5.1.1.1.1 *read-only*

Identifies the current status of the authentication system.

#### **publicAccessStatusChangedCause**

.1.3.6.1.4.1.8744.5.1.1.1.2 *read-only*

Identifies the last cause of a status change. Mostly used by the publicAccessStatusChanged trap.

#### **publicAccessDeviceUserName**

.1.3.6.1.4.1.8744.5.1.1.2.1 *read-write*

Specifies the username that the device uses when authenticating itself to a RADIUS server.

#### **publicAccessDeviceUserPassword**

.1.3.6.1.4.1.8744.5.1.1.2.2 *read-write*

Specifies the password the device uses when authenticating to a RADIUS server. For security reasons, this should be set only if SNMP traffic is sent through a VPN tunnel. Reading this attribute will return an empty string.

#### **publicAccessDeviceSessionTimeoutAdminStatus**

.1.3.6.1.4.1.8744.5.1.1.2.3 *read-write*

Specifies the interval of time between two consecutive authentication attempts in minutes. At each successful authentication the device configuration is refreshed. This is not the time between RADIUS Access Request when an authentication is proceeding without answers. For that element, see the RADIUS Profile definition.

#### **publicAccessDeviceSessionTimeoutOperStatus**

.1.3.6.1.4.1.8744.5.1.1.2.4 *read-only*

Identifies the interval of time between two consecutive authentication attempts in seconds. At each successful authentication the device configuration is refreshed. This is not the time between RADIUS Access Request when an authentication is proceeding without answers. For that element, see the RADIUS Profile definition.

#### **publicAccessDeviceConfigMode**

.1.3.6.1.4.1.8744.5.1.1.2.5 *read-only*

Identifies how configuration of the device is performed. This can be via locally configured settings on the device, or retrieved from a AAA server. If both options are enabled, the settings retrieved from the AAA server overwrite the local configuration settings.

#### **publicAccessDeviceAuthenProfileIndex**

.1.3.6.1.4.1.8744.5.1.1.2.6 *read-only*

Identifies the AAA server profile to use to authenticate the device. This attribute only applies when publicAccessDeviceConfigMode is set to 'profile' or 'localAndProfile'. When the special value zero is specified, no AAA server profile is selected.

### **publicAccessDeviceAccountingEnabled**

.1.3.6.1.4.1.8744.5.1.1.2.7 *read-only*

Identifies if accounting information is generated by the device and sent to the AAA server. The device generate RADIUS accounting of type ON and OFF. This also covers accounting of all access-lists independently of where they are used. For accounting, the following status types are generated: START, INTERIM-UPDATE, and STOP. Accounting information is generated only if a valid AAA server profile is configured in the publicAccessDeviceAccountingProfileIndex attribute.

### **publicAccessDeviceAccountingProfileIndex**

.1.3.6.1.4.1.8744.5.1.1.2.8 *read-only*

Identifies the AAA server profile to use for device accounting. This attribute only applies when publicAccessDeviceAccountingEnabled is set to 'enable'. When the special value zero is specified, the value set inside publicAccessDeviceAuthenProfileIndex is used instead.

### **publicAccessDeviceForceReconfiguration**

.1.3.6.1.4.1.8744.5.1.1.2.9 *read-write*

Specify forceReconfiguration(1) to force the device to re-read the local configuration file or re-issue an authentication request to the AAA server, or both based on the value of the publicAccessDeviceConfigMode attribute. Reading this object always returns 'idle'. Re-issuing an authentication only applies if a valid AAA server profile is specified in publicAccessDeviceAuthenProfileIndex.

### **publicAccessUsersMaxCount**

.1.3.6.1.4.1.8744.5.1.1.3.1 *read-only*

Indicates the maximum number of concurrent authenticated users.

### **publicAccessUsersCount**

.1.3.6.1.4.1.8744.5.1.1.3.2 *read-only*

Indicates the number of currently authenticated users.

### **publicAccessUsersThreshold**

.1.3.6.1.4.1.8744.5.1.1.3.3 *read-write*

Specifies the trigger value for sending the publicAccessUsersThresholdTrap. When the number of users logged into the public access interface is equal to or exceeds this threshold value, a publicAccessUsersThresholdTrap is sent. The threshold value cannot exceed publicAccessUsersMaxCount or an error is returned. Set this to zero to disable sending of the publicAccessUsersThresholdTrap.

### **publicAccessUsersSessionTrapEnabled**

.1.3.6.1.4.1.8744.5.1.1.3.4 *read-write*

When set to enable, the publicAccessUsersSessionStart and publicAccessUsersSessionStop traps are generated when a user session begins or ends.

### **publicAccessUsersConfigTable**

.1.3.6.1.4.1.8744.5.1.1.3.5 *not-accessible*

Provides information on the user's authentication method. In tabular form to allow multiple instances on an agent.

- publicAccessUsersConfigEntry  
.1.3.6.1.4.1.8744.5.1.1.3.5.1 *not-accessible*

An entry in the table.

- **publicAccessUsersConfigIndex**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.1 *not-accessible*  
Index of a user profile in the publicAccessUsersConfigTable.
- **publicAccessUsersConfigAuthenType**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.2 *read-only*  
Indicates the mechanism used to authenticate users.
- **publicAccessUsersConfigAuthenMode**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.3 *read-only*  
Specifies how the user authentication is performed. It can be done with the local user list or via a AAA server profile. If both are enabled, the local user list is checked first.
- **publicAccessUsersConfigAuthenProfileIndex**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.4 *read-only*  
Specifies the AAA profile to use for user authentication when publicAccessUsersAuthenMode is set to 'profile' or 'localAndProfile'.
- **publicAccessUsersConfigAuthenTimeout**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.5 *read-only*  
Logins are refused if the AAA server does not respond within this time period. Only applies when coVirtualApUserAccessAuthenMode is set to 'profile' or 'localAndProfile' and when the users are authenticated via 'HTML' or 'MAC' authentication.
- **publicAccessUsersConfigAccountingEnabled**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.6 *read-only*  
Indicates if accounting information is generated by the device and sent to the AAA server for public access users. Accounting information is generated only if a valid AAA server profile is configured for publicAccessUsersAccountingProfileIndex.
- **publicAccessUsersConfigAccountingProfileIndex**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.7 *read-only*  
Identifies the AAA profile to send accounting to for public access users. When zero is specified, the value set inside publicAccessDeviceAuthenProfileIndex is used instead.
- **publicAccessUsersConfigInterfaceIndex**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.8 *read-only*  
Indicates the local interface on which these configuration parameters apply. This attribute is used with the publicAccessUsersConfigVirtualApProfileIndex to uniquely identify an entry in Virtual AP indexed tables.
- **publicAccessUsersConfigVirtualApProfileIndex**  
.1.3.6.1.4.1.8744.5.1.1.3.5.1.9 *read-only*  
Indicates a user's VAP profile currently associated with these configuration parameters. This attribute is used with the publicAccessUsersConfigInterfaceIndex to uniquely identify an entry in Virtual AP indexed tables.

### **publicAccessUserTable**

.1.3.6.1.4.1.8744.5.1.1.3.6 *not-accessible*

A table containing specific information for users authenticated by the authentication system. In tabular form to allow multiple instances on an agent.

- **publicAccessUserEntry**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1 *not-accessible*  
 Information about a particular user that has been authenticated by the authentication system. **publicAccessUserIndex** - Uniquely identifies a user in the table.
- **publicAccessUserIndex**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.1 *not-accessible*  
 Index of a user in the **publicAccessUserTable**.
- **publicAccessUserAuthenType**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.2 *read-only*  
 Indicates the mechanism used to authenticate the user.
- **publicAccessUserAuthenMode**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.3 *read-only*  
 Specifies how user authentication is performed. It can be done using a local user list defined on the device or AAA server profile. If both modes are active the local user list is checked first.
- **publicAccessUserState**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.4 *read-only*  
 Indicates the current state of the user.
- **publicAccessUserStationIpAddress**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.5 *read-only*  
 Indicates the user's IP address.
- **publicAccessUserName**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.6 *read-only*  
 Indicates the user's name.
- **publicAccessUserSessionStartTime**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.7 *read-only*  
 Indicates when this user session was started.
- **publicAccessUserSessionDuration**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.8 *read-only*  
 Indicates how long the user's session has been active. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserIdleTime**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.9 *read-only*  
 Indicates for how long the user's session has been idle. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserBytesSent**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.10 *read-only*  
 Indicates the total number of bytes sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.

- **publicAccessUserBytesReceived**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.11 *read-only*  
Indicates the total number of bytes received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserPacketsSent**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.12 *read-only*  
Indicates the total number of IP packets sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserPacketsReceived**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.13 *read-only*  
Indicates the total number of IP packets received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserForceDisconnection**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.14 *read-write*  
Setting this attribute to 'adminReset' disconnects the user with a cause of ADMIN\_RESET. Reading this variable always return 'idle'.
- **publicAccessUserStationMacAddress**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.15 *read-only*  
Indicates the user's MAC Address.
- **publicAccessUserApMacAddress**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.16 *read-only*  
Indicates the user's Access Point MAC Address when Location- Aware is enabled or the Access Controller MAC Address.
- **publicAccessUserGroupName**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.17 *read-only*  
Indicates the user's Access Point Group Name (ONLY when Location-aware is enabled and properly configured). If this information is not available, a zero-Length string is returned.
- **publicAccessUserSSID**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.18 *read-only*  
Indicates the user's Access Point SSID (ONLY when Location-aware is enabled and properly configured). If this information is not available, a zero-Length string is returned.
- **publicAccessUserSecurity**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.19 *read-only*  
Specifies the user's security mode.
- **publicAccessUserPHYType**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.20 *read-only*  
Specifies the user's radio type.
- **publicAccessUserVLAN**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.21 *read-only*  
Specifies the VLAN currently assigned to the user.



- **publicAccessUserApRadioIndex**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.22 *read-only*

Indicates the radio to which this user is associated. The index 0 is reserved when location aware is not enabled or not properly configured. It means that the system could not determine on which interface the user is connected. Please note that this information is not related to the standard SNMP interface table. It is a proprietary index information on the Radios in Colubris devices.
- **publicAccessUserConfigIndex**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.23 *read-only*

Indicates the configuration profile in the publicAccessUsersConfigTable currently associated with this user. When location aware is not enabled or not properly configured, the first SSID of the first radio interface is used as the default configuration profile.
- **publicAccessUserConnectedInterface**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.24 *accessible-for-notify*

Indicates the device's logical public interface to which the user is connected. This will always be a string containing 'br0'.
- **publicAccessUserBytesSentDropped**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.25 *read-only*

Indicates the total number of bytes sent by the user and dropped due to rate limitation. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserBytesReceivedDropped**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.26 *read-only*

Indicates the total number of bytes received for the user and dropped due to rate limitation. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserPacketsSentDropped**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.27 *read-only*

Indicates the total number of packets sent by the user and dropped due to rate limitation. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserPacketsReceivedDropped**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.28 *read-only*

Indicates the total number of packets received for the user and dropped due to rate limitation. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessUserRateLimitationEnabled**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.29 *read-only*

Specifies if rate limitation is enabled for the user.
- **publicAccessUserMaxTransmitRate**  
 .1.3.6.1.4.1.8744.5.1.1.3.6.1.30 *read-only*

Specifies the maximum transmit rate for the user.

- **publicAccessUserMaxReceiveRate**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.31 *read-only*  
Specifies the maximum receive rate for the user.
- **publicAccessUserBandwidthControlLevel**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.32 *read-only*  
Specifies the user's bandwidth control level.
- **publicAccessUserNASPort**  
.1.3.6.1.4.1.8744.5.1.1.3.6.1.33 *read-only*  
Specifies the NAS-Port value assigned to the user.

**publicAccessUsersLoggedInTrapEnabled**  
.1.3.6.1.4.1.8744.5.1.1.3.7 *read-write*  
When set to enable, the publicAccessUsersLoggedInTrap is generated.

**publicAccessUsersLoggedInTrapInterval**  
.1.3.6.1.4.1.8744.5.1.1.3.8 *read-write*  
Interval between publicAccessUsersLoggedInTrap traps. Setting this to 0 will disable periodic sending of these traps.

**publicAccessNASPortCount**  
.1.3.6.1.4.1.8744.5.1.1.4.1 *read-only*  
Indicates the number of NAS-Port supported.

**publicAccessNASPortTable**  
.1.3.6.1.4.1.8744.5.1.1.4.2 *not-accessible*  
A table containing specific information for NAS-Port by the Access Controller. In tabular form to allow multiple instances on an agent.

- **publicAccessNASPortEntry**  
.1.3.6.1.4.1.8744.5.1.1.4.2.1 *not-accessible*  
Information about a particular NAS-Port by Access Controller.  
publicAccessNASPortIndex - Uniquely identifies a NAS-Port in the table.
- **publicAccessNASPortIndex**  
.1.3.6.1.4.1.8744.5.1.1.4.2.1.1 *not-accessible*  
Index of a NAS-Port in the publicAccessNASPortTable.
- **publicAccessNASPortUserName**  
.1.3.6.1.4.1.8744.5.1.1.4.2.1.2 *read-only*  
Indicates the user's name currently authenticated by the Access Controller on this NAS-Port.

## COLUBRIS-PUBLIC-ACCESS-MIB Traps

**publicAccessStatusChangedTrap**  
.1.3.6.1.4.1.8744.5.1.2.0.1  
This notification is sent whenever the authentication system status changes (up or down).  
**Parameters:** publicAccessStatus,publicAccessStatusChangedCause.

### **publicAccessUsersThresholdTrap**

.1.3.6.1.4.1.8744.5.1.2.0.2

This notification is sent whenever publicAccessUsersThreshold is exceeded.

**Parameters:** publicAccessUsersCount.

### **publicAccessUsersSessionStartTrap**

.1.3.6.1.4.1.8744.5.1.2.0.3

When a user successfully authenticates a trap is generated if the publicAccessUsersSessionTrapEnabled is set to True.

**Parameters:** publicAccessUserName.

### **publicAccessUsersSessionStopTrap**

.1.3.6.1.4.1.8744.5.1.2.0.4

When a user terminates their session a trap is generated if the publicAccessUsersSessionTrapEnabled is set to True.

**Parameters:** publicAccessUserName.

### **publicAccessUsersSessionFailTrap**

.1.3.6.1.4.1.8744.5.1.2.0.5

When a user authentication fails a trap is generated if the publicAccessUsersSessionTrapEnabled is set to True.

**Parameters:** publicAccessUserName.

### **publicAccessUsersLoggedInTrap**

.1.3.6.1.4.1.8744.5.1.2.0.6

This is sent when a user is authenticated or periodically (see publicAccessUsersLoggedInTrapInterval) if the publicAccessUsersLoggedInTrapEnabled is set to True.

**Parameters:** publicAccessUsersCount,publicAccessUserName,publicAccessUserStationIpAddress,publicAccessUserStationMacAddress,publicAccessUserApMacAddress,publicAccessUserConnectedInterface,publicAccessUserSessionDuration,publicAccessUserBytesReceived,publicAccessUserBytesSent.

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## **COLUBRIS-DEVICE-WDS-MIB**

This MIB is used to view the status and statistics of local mesh links on each of the APs managed by a controller.

### **COLUBRIS-DEVICE-WDS-MIB OIDs**

#### **coDeviceWdsInfoTable**

.1.3.6.1.4.1.8744.5.34.1.2.1

*not-accessible*

Device WDS information attributes.

- **coDeviceWdsInfoEntry**

.1.3.6.1.4.1.8744.5.34.1.2.1.1

*not-accessible*

An entry in the coDeviceWdsInfoTable. coDevDisIndex - Uniquely identifies a device on the controller.

- **coDevWDSInfoMaxNumberOfGroup**  
.1.3.6.1.4.1.8744.5.34.1.2.1.1.1 *read-only*  
Maximum number of local mesh profiles supported by the device.

### **coDeviceWDSRadioTable**

.1.3.6.1.4.1.8744.5.34.1.3.1 *not-accessible*

Conceptual table for the local mesh radio parameters.

- **coDeviceWDSRadioEntry**  
.1.3.6.1.4.1.8744.5.34.1.3.1.1 *not-accessible*  
An Entry (conceptual row) in the local mesh radio Table. **coDevDisIndex** - Uniquely identifies a device on the controller.  
**coDevWDSRadioIndex** - Radio number where the local mesh radio parameters are applied.
- **coDevWDSRadioIndex**  
.1.3.6.1.4.1.8744.5.34.1.3.1.1.1 *not-accessible*  
Radio number.
- **coDevWDSRadioAckDistance**  
.1.3.6.1.4.1.8744.5.34.1.3.1.1.2 *read-only*  
Maximum distance between the device and the remote peers.
- **coDevWDSRadioQoS**  
.1.3.6.1.4.1.8744.5.34.1.3.1.1.3 *read-only*  
QoS priority mechanism used to maps the traffic to one of the four WMM traffic queues.

### **coDeviceWDSGroupTable**

.1.3.6.1.4.1.8744.5.34.1.4.1 *not-accessible*

Conceptual table for the local mesh profiles. This table contains configuration information for the six local mesh profiles.

- **coDeviceWDSGroupEntry**  
.1.3.6.1.4.1.8744.5.34.1.4.1.1 *not-accessible*  
An Entry (conceptual row) in the local mesh profiles table. **coDevDisIndex** - Uniquely identifies a device on the controller.  
**coDevWDSGroupIndex** - Uniquely identify a local mesh profile inside the Device local mesh table.
- **coDevWDSGroupIndex**  
.1.3.6.1.4.1.8744.5.34.1.4.1.1.1 *not-accessible*  
The auxiliary variable used to identify instances of local mesh profiles.
- **coDevWDSGroupName**  
.1.3.6.1.4.1.8744.5.34.1.4.1.1.2 *read-only*  
Friendly name of the local mesh profile.
- **coDevWDSGroupState**  
.1.3.6.1.4.1.8744.5.34.1.4.1.1.3 *read-only*  
Specifies if the local mesh profile is active on the radios.

- **coDevWDSGroupSecurity**  
 .1.3.6.1.4.1.8744.5.34.1.4.1.1.4 *read-only*  
 Specifies the encryption used by the local mesh profile.
- **coDevWDSGroupDynamicMode**  
 .1.3.6.1.4.1.8744.5.34.1.4.1.1.5 *read-only*  
 Specifies the mode of the dynamic local mesh profile.
- **coDevWDSGroupDynamicGroupId**  
 .1.3.6.1.4.1.8744.5.34.1.4.1.1.6 *read-only*  
 Specifies the mesh ID identifier of the dynamic local mesh profile.

**coDeviceWDSLinkStatusTable**

.1.3.6.1.4.1.8744.5.34.1.5.1 *not-accessible*

Conceptual table for the status of local mesh links.

- **coDeviceWDSLinkStatusEntry**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1 *not-accessible*  
 An Entry (conceptual row) in the WDS Link status Table. coDevDisIndex - Uniquely identifies a device on the controller.  
 coDevWDSGroupIndex - Uniquely identify a local mesh profile inside the Device local mesh profile table.  
 coDevWDSLinkStaIndex - Uniquely identify a local mesh link inside a Device local mesh profile.
- **coDevWDSLinkStaIndex**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.1 *not-accessible*  
 The auxiliary variable used to identify instances of local mesh links.
- **coDevWDSLinkStaState**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.2 *read-only*  
 Specifies the state of the local mesh link.
- **coDevWDSLinkStaRadio**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.3 *read-only*  
 Radio number where the local mesh peer was detected.
- **coDevWDSLinkStaPeerMacAddress**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.4 *read-only*  
 MAC address of the local mesh peer.
- **coDevWDSLinkStaMaster**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.5 *read-only*  
 Determine if this link is a link to a master. Providing upstream network access.
- **coDevWDSLinkStaAuthorized**  
 .1.3.6.1.4.1.8744.5.34.1.5.1.1.6 *read-only*  
 Encryption, if any, can proceed.

- **coDevWDSLinkStaEncryption**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.7 *read-only*  
Specifies the encryption used by the local mesh link.
- **coDevWDSLinkStaIdleTime**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.8 *read-only*  
Inactivity time.
- **coDevWDSLinkStaSNR**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.9 *read-only*  
Signal noise ratio of the local mesh peer.
- **coDevWDSLinkStaTxRate**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.10 *read-only*  
Current transmit rate of the local mesh peer.
- **coDevWDSLinkStaRxRate**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.11 *read-only*  
Current receive rate of the local mesh peer.
- **coDevWDSLinkStaIfIndex**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.12 *read-only*  
coDevIfStaIfIndex of the associated interface in the device coDeviceIfStatusTable.
- **coDevWDSLinkStaHT**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.13 *read-only*  
Determine if this link is using HT rates.
- **coDevWDSLinkStaTxMCS**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.14 *read-only*  
Current transmit MCS of the local mesh peer.
- **coDevWDSLinkStaRxMCS**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.15 *read-only*  
Current receive MCS of the local mesh peer.
- **coDevWDSLinkStaSignal**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.16 *read-only*  
Strength of the wireless signal.
- **coDevWDSLinkStaNoise**  
.1.3.6.1.4.1.8744.5.34.1.5.1.1.17 *read-only*  
Level of local background noise.

**coDeviceWDSLinkStatsRatesTable**

.1.3.6.1.4.1.8744.5.34.1.5.2 *not-accessible*

Conceptual table for the statistics of local mesh links.

- **coDeviceWDSLinkStatsRatesEntry**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1 *not-accessible*  
An Entry (conceptual row) in the local mesh Link Statistics Table. coDevDisIndex - Uniquely identifies a device on the controller.

coDevWDSGroupIndex - Uniquely identify a local mesh profile inside the Device local mesh profile table.

coDevWDSLLinkIndex - Uniquely identify a local mesh link inside a Device local mesh profile.

- coDevWDSLLinkStsPktsTxRate1  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.1 *read-only*  
Number of frames transmitted at 1 Mbps.
- coDevWDSLLinkStsPktsTxRate2  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.2 *read-only*  
Number of frames transmitted at 2 Mbps.
- coDevWDSLLinkStsPktsTxRate5dot5  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.3 *read-only*  
Number of frames transmitted at 5.5 Mbps.
- coDevWDSLLinkStsPktsTxRate11  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.4 *read-only*  
Number of frames transmitted at 11 Mbps.
- coDevWDSLLinkStsPktsTxRate6  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.5 *read-only*  
Number of frames transmitted at 6 Mbps.
- coDevWDSLLinkStsPktsTxRate9  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.6 *read-only*  
Number of frames transmitted at 9 Mbps.
- coDevWDSLLinkStsPktsTxRate12  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.7 *read-only*  
Number of frames transmitted at 12 Mbps.
- coDevWDSLLinkStsPktsTxRate18  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.8 *read-only*  
Number of frames transmitted at 18 Mbps.
- coDevWDSLLinkStsPktsTxRate24  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.9 *read-only*  
Number of frames transmitted at 24 Mbps.
- coDevWDSLLinkStsPktsTxRate36  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.10 *read-only*  
Number of frames transmitted at 36 Mbps.
- coDevWDSLLinkStsPktsTxRate48  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.11 *read-only*  
Number of frames transmitted at 48 Mbps.
- coDevWDSLLinkStsPktsTxRate54  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.12 *read-only*  
Number of frames transmitted at 54 Mbps.

- **coDevWDSLinkStsPktsRxRate1**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.13 *read-only*  
Number of frames received at 1 Mbps.
- **coDevWDSLinkStsPktsRxRate2**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.14 *read-only*  
Number of frames received at 2 Mbps.
- **coDevWDSLinkStsPktsRxRate5dot5**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.15 *read-only*  
Number of frames received at 5.5 Mbps.
- **coDevWDSLinkStsPktsRxRate11**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.16 *read-only*  
Number of frames received at 11 Mbps.
- **coDevWDSLinkStsPktsRxRate6**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.17 *read-only*  
Number of frames received at 6 Mbps.
- **coDevWDSLinkStsPktsRxRate9**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.18 *read-only*  
Number of frames received at 9 Mbps.
- **coDevWDSLinkStsPktsRxRate12**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.19 *read-only*  
Number of frames received at 12 Mbps.
- **coDevWDSLinkStsPktsRxRate18**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.20 *read-only*  
Number of frames received at 18 Mbps.
- **coDevWDSLinkStsPktsRxRate24**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.21 *read-only*  
Number of frames received at 24 Mbps.
- **coDevWDSLinkStsPktsRxRate36**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.22 *read-only*  
Number of frames received at 36 Mbps.
- **coDevWDSLinkStsPktsRxRate48**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.23 *read-only*  
Number of frames received at 48 Mbps.
- **coDevWDSLinkStsPktsRxRate54**  
.1.3.6.1.4.1.8744.5.34.1.5.2.1.24 *read-only*  
Number of frames received at 54 Mbps.

**coDeviceWDSLinkStatsHTRatesTable**

.1.3.6.1.4.1.8744.5.34.1.5.3 *not-accessible*

Conceptual table for the statistics of WDS HT links.



- **coDeviceWDSLinkStatsHTRatesEntry**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1 *not-accessible*

An Entry (conceptual row) in the WDS HT Link Statistics Table. coDevDisIndex - Uniquely identifies a device on the MultiService Controller.

coDevWDSGroupIndex - Uniquely identify a local mesh profile inside the Device local mesh profiletable.

coDevWDSLinkIndex - Uniquely identify a local mesh link inside a Device local mesh profile.
- **coDevWDSLinkStsPktsTxMCS0**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.1 *read-only*

Number of frames transmitted at MCS0 since the link was established.
- **coDevWDSLinkStsPktsTxMCS1**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.2 *read-only*

Number of frames transmitted at MCS1 since the link was established.
- **coDevWDSLinkStsPktsTxMCS2**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.3 *read-only*

Number of frames transmitted at MCS2 since the link was established.
- **coDevWDSLinkStsPktsTxMCS3**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.4 *read-only*

Number of frames transmitted at MCS3 since the link was established.
- **coDevWDSLinkStsPktsTxMCS4**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.5 *read-only*

Number of frames transmitted at MCS4 since the link was established.
- **coDevWDSLinkStsPktsTxMCS5**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.6 *read-only*

Number of frames transmitted at MCS5 since the link was established.
- **coDevWDSLinkStsPktsTxMCS6**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.7 *read-only*

Number of frames transmitted at MCS6 since the link was established.
- **coDevWDSLinkStsPktsTxMCS7**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.8 *read-only*

Number of frames transmitted at MCS7 since the link was established.
- **coDevWDSLinkStsPktsTxMCS8**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.9 *read-only*

Number of frames transmitted at MCS8 since the link was established.
- **coDevWDSLinkStsPktsTxMCS9**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.10 *read-only*

Number of frames transmitted at MCS9 since the link was established.

- **coDevWDSLinkStsPktsTxMCS10**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.11 *read-only*  
Number of frames transmitted at MCS10 since the link was established.
- **coDevWDSLinkStsPktsTxMCS11**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.12 *read-only*  
Number of frames transmitted at MCS11 since the link was established.
- **coDevWDSLinkStsPktsTxMCS12**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.13 *read-only*  
Number of frames transmitted at MCS12 since the link was established.
- **coDevWDSLinkStsPktsTxMCS13**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.14 *read-only*  
Number of frames transmitted at MCS13 since the link was established.
- **coDevWDSLinkStsPktsTxMCS14**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.15 *read-only*  
Number of frames transmitted at MCS14 since the link was established.
- **coDevWDSLinkStsPktsTxMCS15**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.16 *read-only*  
Number of frames transmitted at MCS15 since the link was established.
- **coDevWDSLinkStsPktsRxMCS0**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.17 *read-only*  
Number of frames received at MCS0 since the link was established.
- **coDevWDSLinkStsPktsRxMCS1**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.18 *read-only*  
Number of frames received at MCS1 since the link was established.
- **coDevWDSLinkStsPktsRxMCS2**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.19 *read-only*  
Number of frames received at MCS2 since the link was established.
- **coDevWDSLinkStsPktsRxMCS3**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.20 *read-only*  
Number of frames received at MCS3 since the link was established.
- **coDevWDSLinkStsPktsRxMCS4**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.21 *read-only*  
Number of frames received at MCS4 since the link was established.
- **coDevWDSLinkStsPktsRxMCS5**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.22 *read-only*  
Number of frames received at MCS5 since the link was established.
- **coDevWDSLinkStsPktsRxMCS6**  
.1.3.6.1.4.1.8744.5.34.1.5.3.1.23 *read-only*  
Number of frames received at MCS6 since the link was established.

- **coDevWDSLinkStsPktsRxMCS7**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.24 *read-only*  
 Number of frames received at MCS7 since the link was established.
- **coDevWDSLinkStsPktsRxMCS8**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.25 *read-only*  
 Number of frames received at MCS8 since the link was established.
- **coDevWDSLinkStsPktsRxMCS9**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.26 *read-only*  
 Number of frames received at MCS9 since the link was established.
- **coDevWDSLinkStsPktsRxMCS10**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.27 *read-only*  
 Number of frames received at MCS10 since the link was established.
- **coDevWDSLinkStsPktsRxMCS11**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.28 *read-only*  
 Number of frames received at MCS11 since the link was established.
- **coDevWDSLinkStsPktsRxMCS12**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.29 *read-only*  
 Number of frames received at MCS12 since the link was established.
- **coDevWDSLinkStsPktsRxMCS13**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.30 *read-only*  
 Number of frames received at MCS13 since the link was established.
- **coDevWDSLinkStsPktsRxMCS14**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.31 *read-only*  
 Number of frames received at MCS14 since the link was established.
- **coDevWDSLinkStsPktsRxMCS15**  
 .1.3.6.1.4.1.8744.5.34.1.5.3.1.32 *read-only*  
 Number of frames received at MCS15 since the link was established.

### **coDeviceWDSNetworkScanTable**

.1.3.6.1.4.1.8744.5.34.1.6.1 *not-accessible*

Conceptual table for the local mesh network scans.

- **coDeviceWDSNetworkScanEntry**  
 .1.3.6.1.4.1.8744.5.34.1.6.1.1 *not-accessible*  
 An Entry (conceptual row) in the WDS Network Scan Table. **coDevDisIndex** - Uniquely identifies a device on the controller.  
**coDevWDSScanRadioIndex** - Radio number where the local mesh peer was detected.  
**coDevWDSScanPeerIndex** - Uniquely identify a local mesh peer on a radio inside the local mesh network scan table.
- **coDevWDSScanRadioIndex**  
 .1.3.6.1.4.1.8744.5.34.1.6.1.1.1 *not-accessible*  
 Radio number where the local mesh peer was detected.

- **coDevWDSScanPeerIndex**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.2 *not-accessible*  
Uniquely identify a local mesh peer on a radio.
- **coDevWDSScanGroupId**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.3 *read-only*  
Group id used by the local mesh peer.
- **coDevWDSScanPeerMacAddress**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.4 *read-only*  
MAC address of the local mesh peer.
- **coDevWDSScanChannel**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.5 *read-only*  
Channel on which the peer is transmitting.
- **coDevWDSScanSNR**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.6 *read-only*  
Signal noise ratio of the local mesh peer.
- **coDevWDSScanMode**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.7 *read-only*  
Current mode of the local mesh peer.
- **coDevWDSScanAvailable**  
.1.3.6.1.4.1.8744.5.34.1.6.1.1.8 *read-only*  
Peer is accepting connections.

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## COLUBRIS-CDP-MIB

The Cisco Discovery Protocol MIB controls the sending of CDP packets on all HP devices. On controller devices, this MIB provides a table that lists all the CDP information gathered by the controller from all the devices that send CDP packets. The table 'coCdpCacheTable' is supported on controllers only. All other objects are supported on all devices.

### COLUBRIS-CDP-MIB OIDs

#### coCdpCacheTable

.1.3.6.1.4.1.8744.5.9.1.1.1 *not-accessible*

The (conceptual) table containing the cached information obtained from CDP messages in tabular form to allow multiple instances on an agent. This table applies to controllers only.

- **coCdpCacheEntry**  
.1.3.6.1.4.1.8744.5.9.1.1.1.1 *not-accessible*

An entry (conceptual row) in the coCdpCacheTable. A row contains the information received via CDP on one interface from one device. Entries appear when a CDP advertisement is received from a neighbor device. coCdpCacheDeviceIndex - Uniquely identify a device inside the CDP table.

- **coCdpCacheDeviceIndex**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.1 *not-accessible*  
 A unique value for each device from which CDP messages are received.
- **coCdpCacheLocalInterface**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.2 *read-only*  
 Indicates the name of the interface that received the CDP message.
- **coCdpCacheAddress**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.3 *read-only*  
 Indicates the IP address of the device that sent the CDP message.
- **coCdpCacheDeviceId**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.4 *read-only*  
 Indicates the Device-ID string as reported in the most recent CDP message. A zero-length string indicates that no Device-ID field (TLV) was reported in the most recent CDP message.
- **coCdpCacheTimeToLive**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.5 *read-only*  
 Indicates the number of seconds to keep the remote device in the cache table after receiving the CDP message.
- **coCdpCacheCapabilities**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.6 *read-only*  
 Indicates the device's functional capabilities as reported in the most recent CDP message. Possible values are:  
 R - layer 3 router  
 T - a layer 2 transparent bridge  
 B - a layer 2 source-root bridge  
 S - a layer 2 switch (non-spanning tree)  
 r - a layer 3 (non routing) host  
 I - does not forward IGMP Packets to non-routers  
 H - a layer 1 repeater  
 A zero-length string indicates no Capabilities field (TLV) was reported in the most recent CDP message.
- **coCdpCacheVersion**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.7 *read-only*  
 Indicates the Version string as reported in the most recent CDP message. A zero-length string indicates no Version field (TLV) was reported in the most recent CDP message.
- **coCdpCachePlatform**  
 .1.3.6.1.4.1.8744.5.9.1.1.1.1.8 *read-only*  
 Indicates the Device's Hardware Platform as reported in the most recent CDP message. A zero-length string indicates that no Platform field (TLV) was reported in the most recent CDP message.

- **coCdpCachePortId**  
.1.3.6.1.4.1.8744.5.9.1.1.1.9 *read-only*

Indicates the Port-ID string as reported in the most recent CDP message. This will typically be the value of the ifName object (e.g., 'Ethernet0'). A zero-length string indicates no Port-ID field (TLV) was reported in the most recent CDP message.

- coCdpGlobalMessageInterval**  
.1.3.6.1.4.1.8744.5.9.1.2.1 *read-write*

Specifies the interval at which CDP messages will be generated.

- coCdpGlobalHoldTime**  
.1.3.6.1.4.1.8744.5.9.1.2.2 *read-write*

Specifies the amount of time the receiving device holds CDP messages.

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## COLUBRIS-USAGE-INFORMATION-MIB

This MIB is used to display information about CPU and memory utilization on the HP device.

### COLUBRIS-USAGE-INFORMATION-MIB OIDs

- coUsInfoUpTime**  
.1.3.6.1.4.1.8744.5.21.1.1.1 *read-only*

Elapsed time after the device starts up.

- coUsInfoLoadAverage1Min**  
.1.3.6.1.4.1.8744.5.21.1.1.2 *read-only*

Average number of processes running during the last minute.

- coUsInfoLoadAverage5Min**  
.1.3.6.1.4.1.8744.5.21.1.1.3 *read-only*

Average number of processes running during the last 5 minutes.

- coUsInfoLoadAverage15Min**  
.1.3.6.1.4.1.8744.5.21.1.1.4 *read-only*

Average number of processes running during the last 15 minutes.

- coUsInfoCpuUseNow**  
.1.3.6.1.4.1.8744.5.21.1.1.5 *read-only*

Current CPU usage.

- coUsInfoCpuUse5Sec**  
.1.3.6.1.4.1.8744.5.21.1.1.6 *read-only*

Average CPU usage during the last 5 seconds.

- coUsInfoCpuUse10Sec**  
.1.3.6.1.4.1.8744.5.21.1.1.7 *read-only*

Average CPU usage during the last 10 seconds.

**coUsInfoCpuUse20Sec**

.1.3.6.1.4.1.8744.5.21.1.1.8 *read-only*  
Average CPU usage during the last 20 seconds.

**coUsInfoRamTotal**

.1.3.6.1.4.1.8744.5.21.1.1.9 *read-only*  
Total system RAM.

**coUsInfoRamFree**

.1.3.6.1.4.1.8744.5.21.1.1.10 *read-only*  
Available system RAM.

**coUsInfoRamBuffer**

.1.3.6.1.4.1.8744.5.21.1.1.11 *read-only*  
Memory used by the buffers.

**coUsInfoRamCached**

.1.3.6.1.4.1.8744.5.21.1.1.12 *read-only*  
Memory used by the system cache.

**coUsInfoStorageUsePermanent**

.1.3.6.1.4.1.8744.5.21.1.1.13 *read-only*  
Percentage of permanent storage that is in use.

**coUsInfoStorageUseTemporary**

.1.3.6.1.4.1.8744.5.21.1.1.14 *read-only*  
Percentage of temporary storage that is in use.

## COLUBRIS-VSC-MIB

This MIB is used to view the list of Virtual Service Communities (VSCs) configured on a HP controller.

### COLUBRIS-VSC-MIB OIDs

**coVscConfigTable**

.1.3.6.1.4.1.8744.5.22.1.1.1 *not-accessible*  
Virtual Service Communities configuration attributes.

- **coVscConfigEntry**

.1.3.6.1.4.1.8744.5.22.1.1.1.1 *not-accessible*

An entry in the coVscConfigTable. coVscCfgIndex - Uniquely identify a Virtual Service Community on the MultiService Access Controller.

- **coVscCfgIndex**

.1.3.6.1.4.1.8744.5.22.1.1.1.1.1 *not-accessible*

Specifies the index of a Virtual Service Community (VSC) in the controller's configuration file.

- **coVscCfgFriendlyVscName**  
.1.3.6.1.4.1.8744.5.22.1.1.1.2 *read-only*  
The friendly name associated with the VSC.
- **coVscCfgSSID**  
.1.3.6.1.4.1.8744.5.22.1.1.1.3 *read-only*  
Service Set ID assigned to the VSC.
- **coVscCfgAccessControlled**  
.1.3.6.1.4.1.8744.5.22.1.1.1.4 *read-only*  
Indicates if the VSC is access-controlled.
- **coVscCfgSecurity**  
.1.3.6.1.4.1.8744.5.22.1.1.1.5 *read-only*  
Indicates the type of wireless protection used by the VSC.
- **coVscCfgEncryption**  
.1.3.6.1.4.1.8744.5.22.1.1.1.6 *read-only*  
Indicates the encryption type supported by current wireless protection method.
- **coVscCfg8021xAuthentication**  
.1.3.6.1.4.1.8744.5.22.1.1.1.7 *read-only*  
Indicates how 802.1X authentication is handled.
- **coVscCfgMACAuthentication**  
.1.3.6.1.4.1.8744.5.22.1.1.1.8 *read-only*  
Indicates if MAC authentication is enabled on the VSC.
- **coVscCfgHTMLAuthentication**  
.1.3.6.1.4.1.8744.5.22.1.1.1.9 *read-only*  
Indicates if HTML authentication is enabled on the VSC. Always false on an AP.

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## COLUBRIS-QOS-MIB

This MIB controls and returns statistics for the QoS capability.

### COLUBRIS-QOS-MIB OIDs

#### coQOSCountersTable

.1.3.6.1.4.1.8744.5.13.1.1.1 *not-accessible*

Group containing attributes that are MAC counters. In tabular form to allow multiple instances on an agent.

- **coQOSCountersEntry**  
.1.3.6.1.4.1.8744.5.13.1.1.1 *not-accessible*

An entry in the coQOSCountersEntry Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.



- **coQOSQueueId**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.1 *not-accessible*  
 Queue identifier used to access the statistics.
- **coQOSTransmittedFrameCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.2 *read-only*  
 This counter increments only when an acknowledged MPDU with an individual address in address 1 field, or MPDU with a multicast address in the address 1 field of type Data or Management is transmitted.
- **coQOSMulticastTransmittedFrameCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.3 *read-only*  
 This counter increments only when the multicast bit is set in the destination MAC address of a successfully transmitted MSDU. When operating as a STA in an ESS, where these frames are directed to the AP, this implies having received an acknowledgment to all associated MPDUs.
- **coQOSFailedCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.4 *read-only*  
 This counter increments when an MSDU is not transmitted successfully due to the number of transmit attempts exceeding either the coQOSShortRetryLimit or coQOSLongRetryLimit.
- **coQOSRetryCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.5 *read-only*  
 This counter increments when an MSDU is successfully transmitted after one or more retransmissions. This is basically a total of single and multiple retry counts.
- **coQOSMultipleRetryCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.6 *read-only*  
 This counter increments when an MSDU is successfully transmitted after more than one retransmission.
- **coQOSFrameDuplicateCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.7 *read-only*  
 This counter increments when a frame is received that the Sequence Control field indicates is a duplicate.
- **coQOSReceivedFrameCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.8 *read-only*  
 This counter shall be incremented for each successfully received MPDU of type Data or Management. This is basically a total of unicast and multicast received frames.
- **coQOSMulticastReceivedFrameCount**  
 .1.3.6.1.4.1.8744.5.13.1.1.1.1.9 *read-only*  
 This counter incrementst when an MPDU is received with the multicast bit set in the destination MAC address.

## COLUBRIS-VIRTUAL-AP-MIB

HP devices can create one or more virtual service communities (VSCs), each with their own configuration settings. Each VSC is a distinct entity, and can be customized to provide specific types of services, enabling the device to support a wide variety of users.

IMPORTANT: To better reflect the types of services offered by this feature as it has evolved, it has been renamed several times. However, for backward compatibility, the names of the objects in this MIB have not changed, only the descriptions have been updated to bring them in line with the product documentation. Therefore, all references to 'WLAN profile' and 'Virtual Access Point (VAP)' have now been replaced by 'Virtual Service Community (VSC)'.

## COLUBRIS-VIRTUAL-AP-MIB OIDs

### coVirtualAccessPointConfigTable

.1.3.6.1.4.1.8744.5.11.1.1.1 *not-accessible*

VSC configuration attributes. In tabular form to allow for multiple instances.

- coVirtualAccessPointConfigEntry  
.1.3.6.1.4.1.8744.5.11.1.1.1 *not-accessible*  
An entry in the coVirtualAccessPointConfigTable. ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.  
coVirtualWlanProfileIndex - Uniquely access a profile for this particular 802.11 interface.
- coVirtualApWlanProfileIndex  
.1.3.6.1.4.1.8744.5.11.1.1.1.1 *not-accessible*  
Specifies the index of the VSC profile.
- coVirtualApSSID  
.1.3.6.1.4.1.8744.5.11.1.1.1.2 *read-write*  
Service Set ID assigned to the VSC. This value must be unique per radio interface.
- coVirtualApBroadcastSSID  
.1.3.6.1.4.1.8744.5.11.1.1.1.3 *read-write*  
Specifies if the SSID is included in beacon frames.
- coVirtualApMaximumNumberOfUsers  
.1.3.6.1.4.1.8744.5.11.1.1.1.4 *read-write*  
Specifies the maximum number of concurrent users that this profile can accept.
- coVirtualApDefaultVLAN  
.1.3.6.1.4.1.8744.5.11.1.1.1.5 *read-write*  
Specifies the default VLAN to use for this profile when no RADIUS authentication has taken place. The value 0 is used when no VLAN has been assigned to this profile. Writing to this object is only available on APs.
- coVirtualApSecurity  
.1.3.6.1.4.1.8744.5.11.1.1.1.6 *read-only*  
Identifies all supported authentication/encryption algorithms.

- **coVirtualApAuthenMode**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.7 *read-only*

Identifies if user authentication is performed locally or via an external authentication server.
- **coVirtualApAuthenProfileIndex**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.8 *read-only*

Specifies the authentication server profile to use for user authentication. This parameter only applies when the coVirtualApSecurity is set to 'wpa' or 'ieee802dot1x' and coVirtualApAuthenMode is set to 'profile' or 'localAndProfile'. When set to zero, no authentication server profile is selected or on a AP it could represent a pre-configured authentication profile.
- **coVirtualApUserAccountingEnabled**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.9 *read-only*

Indicates if accounting information is generated by the device and sent to the authentication server for connected users. Accounting information will be generated only if a valid authentication server profile is configured for the coVirtualApAccountingProfileIndex attribute.
- **coVirtualApUserAccountingProfileIndex**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.10 *read-only*

Identifies the authentication server profile to be used for accounting information. The special value Zero indicates that no accounting profile is selected.
- **coVirtualApDefaultUserRateLimitationEnabled**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.11 *read-only*

Indicates if the default user rate limitation is enabled.
- **coVirtualApDefaultUserMaxTransmitRate**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.12 *read-only*

Identifies the default user maximum transmit rate.
- **coVirtualApDefaultUserMaxReceiveRate**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.13 *read-only*

Identifies the default user maximum receive rate.
- **coVirtualApDefaultUserBandwidthLevel**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.14 *read-only*

Identifies the default user bandwidth level.
- **coVirtualApOperState**  
 .1.3.6.1.4.1.8744.5.11.1.1.1.15 *read-write*

Activate/Deactivate the VSC on the radio.

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## COLUBRIS-LICENSE-MIB

This MIB is used to view the list of licenses installed in a HP device.

## COLUBRIS-LICENSE-MIB OIDs

### coLicenseFeatureTable

.1.3.6.1.4.1.8744.5.29.1.1.1 *not-accessible*

License information attributes.

- **coLicenseFeatureEntry**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1 *not-accessible*  
An entry in the coLicenseFeatureTable. coLicenseFeatureIndex - Uniquely identify a license feature in a Colubris product.
- **coLicenseFeatureIndex**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1.1 *not-accessible*  
Uniquely identify a license feature on an HP device.
- **coLicenseFeatureName**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1.2 *read-only*  
Friendly name of the license feature.
- **coLicenseFeatureState**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1.3 *read-only*  
Indicates if the feature is enabled or disabled.
- **coLicenseFeatureEndingDate**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1.4 *read-only*  
Indicates the date when the feature will be deactivated. The format of the date is YYYY/MM/DD.
- **coLicenseFeatureRemainingDays**  
.1.3.6.1.4.1.8744.5.29.1.1.1.1.5 *read-only*  
Indicates the number of days when the feature will be deactivated. If the feature is permanent, the value 9999 is returned.

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## COLUBRIS-SYSLOG-MIB

This MIB is used to manage configuration of SYSLOG services in HP devices. The level of severity can be changed for logging and for trap generation. It is also possible to generate traps based on the severity level of a message. Several generic custom traps can be defined based on the message's content. If a user defined string is included in a message received by SYSLOG, a trap is generated.

## COLUBRIS-SYSLOG-MIB OIDs

### syslogSeverityNotificationEnabled

.1.3.6.1.4.1.8744.5.3.1.1.1 *read-write*

Specifies if syslogSeverityNotification events are generated.

### **syslogRegExMatchNotificationEnabled**

.1.3.6.1.4.1.8744.5.3.1.1.2 *read-write*

Specifies if syslogRegExMatchNotification events are generated.

### **syslogSeverityLevel**

.1.3.6.1.4.1.8744.5.3.1.1.3 *read-write*

Specifies the severity level of messages that the syslog daemon will log. Only messages with a severity level equal to or greater than syslogSeverityLevel will be logged. For example, a value of error(4) means that messages with warning, notice, info, or debug severity will not be logged.

### **syslogTrapSeverityLevel**

.1.3.6.1.4.1.8744.5.3.1.1.4 *read-write*

Specifies the severity level of messages that will generate a syslogSeverityNotification notification. For example, a value of error(4) means that messages with warning, notice, info or debug severity will never generate a notification.

### **syslogMessageRegEx**

.1.3.6.1.4.1.8744.5.3.1.1.5 *read-write*

Specifies the regular expression that will trigger a syslogRegExMatchNotification. When set to an empty string, there is no attempt to match the syslog message generated by the device with the content of syslogMessageRegEx.

### **syslogMsgNumber**

.1.3.6.1.4.1.8744.5.3.1.2.1 *accessible-for-notify*

A unique ID representing a message in the system log.

### **syslogMsgFacility**

.1.3.6.1.4.1.8744.5.3.1.2.2 *accessible-for-notify*

A string representing the facility that sent the message.

### **syslogMsgSeverity**

.1.3.6.1.4.1.8744.5.3.1.2.3 *accessible-for-notify*

The severity level of the message in the system log.

### **syslogMsgText**

.1.3.6.1.4.1.8744.5.3.1.2.4 *accessible-for-notify*

The message itself as logged in the system log.

## **COLUBRIS-SYSLOG-MIB Traps**

### **syslogSeverityNotification**

.1.3.6.1.4.1.8744.5.3.2.0.1

Sent when the device generated a syslog message that has the right severity level. This severity level is set by syslogTrapSeverityLevel.

**Parameters:** syslogMsgNumber,syslogMsgFacility,syslogMsgSeverity,syslogMsgText.

## syslogRegExMatchNotification

.1.3.6.1.4.1.8744.5.3.2.0.2

Sent when the device generated a syslog message that matches the regular expression specified in syslogMessageRegEx.

**Parameters:** syslogMsgNumber,syslogMsgFacility,syslogMsgSeverity,syslogMsgText.

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# HP-WLAN-NOTIFICATIONS-MIB

This MIB module is used for Events and Alarms generated in the wireless controller and APs and to send notifications when Events and Alarms occur.

## HP-WLAN-NOTIFICATIONS-MIB OIDs

### hpWlanNotificationsEventsTable

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1 *not-accessible*

This table lists the Events generated. As new Events are generated, this table is updated. An event represents the occurrence of a condition that has been detected in the network infrastructure.

- hpWlanNotificationsEventsEntry  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1 *not-accessible*  
An entry in the hpWlanNotificationsEventsTable. hpWlanNotificationsEventsId - uniquely identifies the Event generated.
- hpWlanNotificationsEventsSeverity  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.1 *read-only*  
Specifies the Severity of the Event.
- hpWlanNotificationsEventsId  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.2 *not-accessible*  
Uniquely identifies the Event generated in the system.
- hpWlanNotificationsEventsDevice  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.3 *read-only*  
Identifies the device which generated the Event.
- hpWlanNotificationsEventsCategory  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.4 *read-only*  
Specifies the Category of the Event.
- hpWlanNotificationsEventsType  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.5 *read-only*  
Specifies the type of the Event generated.
- hpWlanNotificationsEventsAssociatedAlarmId  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.6 *read-only*  
An alarm is raised once a set of conditions is met. Represents the Alarm Id for the Event.

- **hpWlanNotificationsEventsDescription**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.7 *read-only*  
Description detailing the Event.
- **hpWlanNotificationsEventsOccurrenceTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.1.8 *read-only*  
Time at which the Event occurred.

### **hpWlanNotificationsEventsNotificationEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.1 *read-write*

Indicates whether SNMP notifications are to be sent for Events generated. When enabled, notifications are sent. When disabled, notifications are not sent.

### **hpWlanNotificationsEventsTypeTable**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.2 *not-accessible*

This table lists the types of Events available in the system and the enable or disable state for sending notifications for the events belonging to a particular type. When enabled for a type, it displays 1 indicating that notifications will be sent for generated Events belonging to that type. When disabled for a type, it displays 0 indicating that notifications will not be sent for generated Events belonging to that type. The Event Types are pre-defined.

- **hpWlanNotificationsEventsTypeEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.2.1 *not-accessible*  
An Event Type with notification state entry in the hpWlanNotificationsEventsTypeTable. hpWlanNotificationsEventsTypeId - uniquely identifies the Event Type.
- **hpWlanNotificationsEventsTypeId**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.2.1.1 *not-accessible*  
An Event Type Id which uniquely identifies the Event Type.
- **hpWlanNotificationsEventsTypeName**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.2.1.2 *not-accessible*  
Displays the name of the Event Type.
- **hpWlanNotificationsEventsTypeNotificationEnabled**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.1.2.2.1.3 *read-write*  
When enabled, notifications are sent for events belonging to the type defined in hpWlanNotificationsEventsTypeName. When disabled, notifications are not sent for events belonging to the type defined in hpWlanNotificationsEventsTypeName.

### **hpWlanNotificationsAlarmsTable**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1 *not-accessible*

This table lists the Alarms generated. As new Alarms are generated, this table is updated. An alarm is the declaration of a condition that normally requires intervention or deserves special attention.

- **hpWlanNotificationsAlarmsEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1 *not-accessible*  
An entry in the hpWlanNotificationsAlarmsTable. hpWlanNotificationsAlarmsId - uniquely identifies the Alarm generated.

- **hpWlanNotificationsAlarmsSeverity**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.1 *read-only*  
Specifies the Severity of the Alarm.
- **hpWlanNotificationsAlarmsId**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.2 *not-accessible*  
Uniquely identifies the Alarm generated in the system.
- **hpWlanNotificationsAlarmsDevice**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.3 *read-only*  
Identifies the device which generated the Alarm.
- **hpWlanNotificationsAlarmsCategory**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.4 *read-only*  
Specifies the Category of the Alarm.
- **hpWlanNotificationsAlarmsType**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.5 *read-only*  
Specifies the type of the Alarm generated.
- **hpWlanNotificationsAlarmsDescription**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.6 *read-only*  
Detailed Alarm description.
- **hpWlanNotificationsAlarmsOccurrenceTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.7 *read-only*  
Time at which the Alarm occurred.
- **hpWlanNotificationsAlarmsAcknowledgeFlag**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.8 *read-write*  
Identifies the Acknowledge Flag for the Alarm. If 1, represents Acknowledged. If 2, represents Unacknowledged.
- **hpWlanNotificationsAlarmsAnnotation**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.9 *read-write*  
Specifies the Annotation for the Alarm.
- **hpWlanNotificationsAlarmsState**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.10 *read-only*  
Represents the state of the Alarm.
- **hpWlanNotificationsAlarmsLastChangeTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.11 *read-only*  
Identifies the last time at which the Alarm was changed.
- **hpWlanNotificationsAlarmsClearedTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.12 *read-only*  
Identifies the time at which the Alarm was cleared.
- **hpWlanNotificationsAlarmsRaiseEventId**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.1.13 *read-only*  
Identifies the Event Id which raised this Alarm.



- **hpWlanNotificationsAlarmsProbableCause**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.14 *read-only*  
Specifies the Probable Cause for a generated Alarm.
- **hpWlanNotificationsAlarmsRecommendedAction**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.1.15 *read-only*  
Specifies the recommended Action to resolve the Alarm.

### **hpWlanNotificationsAlarmsNotificationEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.1 *read-write*

Indicates whether notifications are to be sent for Alarms generated. When enabled, notifications are sent. When disabled, notifications are not sent.

### **hpWlanNotificationsAlarmsTypeTable**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.2 *not-accessible*

This table lists the types of Alarms available in the system, and the *enable* or *disable* state for sending notifications for alarms belonging to a particular type. When enabled for a specific type, it displays 1 indicating that notifications will be sent for generated Alarms belonging to that type. When disabled for a specific type, it displays 0 indicating that notifications will not be sent for generated Alarms belonging to that type. The Alarm Types are pre-defined.

- **hpWlanNotificationsAlarmsTypeEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.2.1 *not-accessible*  
An Alarm Type with notification state entry in the hpWlanNotificationsAlarmsTypeTable. hpWlanNotificationsAlarmsTypeId - uniquely identifies the Alarm Type.
- **hpWlanNotificationsAlarmsTypeId**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.2.1.1 *not-accessible*  
An Alarm Type Id which uniquely identifies the Alarm Type.
- **hpWlanNotificationsAlarmsTypeName**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.2.1.2 *not-accessible*  
Displays Alarm Type Name.
- **hpWlanNotificationsAlarmsTypeNotificationEnabled**  
.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.2.1.3 *read-write*  
When enabled, notifications are sent for alarms belonging to the type defined in hpWlanNotificationsAlarmsTypeName. When disabled, notifications are not sent for alarms belonging to the type defined in hpWlanNotificationsAlarmsTypeName.

### **hpWlanNotificationsAlarmsDateAndTimeStamp**

.1.3.6.1.4.1.11.2.14.11.6.4.4.1.2.2.3 *accessible-for-notify*

Date and Time Stamp indicating when the alarm is raised, cleared, force-cleared, acknowledged, unacknowledged, or annotated.

## HP-WLAN-NOTIFICATIONS-MIB Traps

### hpWlanNotificationsEventNotification

.1.3.6.1.4.1.11.2.14.11.6.4.4.2.0.1

A generic notification is sent when an Event occurs. Includes Device, Category, Type, Description, Severity and Occurrence Time details for the generated event.

**Parameters:** hpWlanNotificationsEventsDevice, hpWlanNotificationsEventsCategory, hpWlanNotificationsEventsType, hpWlanNotificationsEventsDescription, hpWlanNotificationsEventsSeverity, hpWlanNotificationsEventsOccurrenceTime.

### hpWlanNotificationsAlarmNotification

.1.3.6.1.4.1.11.2.14.11.6.4.4.2.0.2

A generic notification is sent when an Alarm occurs. Includes Device, Category, Type, Description, Severity, DateAndTime, Acknowledge/Unacknowledge, Annotation, State, Probable Cause and Recommended Action details for the generated alarm.

**Parameters:** hpWlanNotificationsAlarmsDevice, hpWlanNotificationsAlarmsCategory, hpWlanNotificationsAlarmsType, hpWlanNotificationsAlarmsDescription, hpWlanNotificationsAlarmsSeverity, hpWlanNotificationsAlarmsDateAndTimeStamp, hpWlanNotificationsAlarmsAcknowledgeFlag, hpWlanNotificationsAlarmsAnnotation, hpWlanNotificationsAlarmsState, hpWlanNotificationsAlarmsProbableCause, hpWlanNotificationsAlarmsRecommendedAction.

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## COLUBRIS-TCP-SERIAL-MIB

This MIB is used to view the status and statistics for the TCP to serial converter.

### COLUBRIS-TCP-SERIAL-MIB OIDs

#### coTCPSerialConnectionStatus

.1.3.6.1.4.1.8744.5.37.1.1.1

*read-only*

TCP connection status.

#### coTCPSerialRemoteIPAddress

.1.3.6.1.4.1.8744.5.37.1.1.2

*read-only*

IP address of the remote TCP end point.

#### coTCPSerialRemoteTCPPort

.1.3.6.1.4.1.8744.5.37.1.1.3

*read-only*

TCP port of the remote TCP end point.

#### coTCPSerialConnectTime

.1.3.6.1.4.1.8744.5.37.1.1.4

*read-only*

Elapsed time.

#### coTCPSerialTxBytes

.1.3.6.1.4.1.8744.5.37.1.1.5

*read-only*

Number of bytes transmitted to the serial device.

### **coTCPSerialRxBytes**

.1.3.6.1.4.1.8744.5.37.1.1.6 *read-only*

Number of bytes received from the serial device.

## **COLUBRIS-DEVICE-MIB**

This MIB is used to display information about the APs managed by a controller.

### **COLUBRIS-DEVICE-MIB OIDs**

#### **coDeviceStateChangeNotificationEnabled**

.1.3.6.1.4.1.8744.5.23.1.1.1 *read-write*

Specifies if the coDeviceStateChangeNotification notification is generated.

#### **coDeviceAuthorizationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.23.1.1.2 *read-write*

Specifies if the coDeviceAuthorizationFailureNotification notification is generated.

#### **coDeviceSecurityFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.23.1.1.3 *read-write*

Specifies if the coDeviceSecurityFailureNotification notification is generated.

#### **coDeviceFirmwareFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.23.1.1.4 *read-write*

Specifies if the coDeviceFirmwareFailureNotification notification is generated.

#### **coDeviceConfigurationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.23.1.1.5 *read-write*

Specifies if the coDeviceConfigurationFailureNotification notification is generated.

#### **coDeviceDiscoveryTable**

.1.3.6.1.4.1.8744.5.23.1.2.1 *not-accessible*

Device discovery attributes.

- **coDeviceDiscoveryEntry**

.1.3.6.1.4.1.8744.5.23.1.2.1.1 *not-accessible*

An entry in the coDeviceDiscoveryTable. coDevDisIndex - Uniquely identifies a device on the controller.

- **coDevDisIndex**

.1.3.6.1.4.1.8744.5.23.1.2.1.1.1 *not-accessible*

Specifies the index of the device.

- **coDevDisSerialNumber**

.1.3.6.1.4.1.8744.5.23.1.2.1.1.2 *read-only*

Device serial number.

- **coDevDisMacAddress**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.3 *read-only*  
Ethernet MAC address of the device.
- **coDevDisIpAddress**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.4 *read-only*  
IP address of the device.
- **coDevDisState**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.5 *read-only*  
Device operational state.
- **coDevDisSystemName**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.6 *read-only*  
Name assigned to the device by the configuration tool.
- **coDevDisLocation**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.7 *read-only*  
Location assigned to the device by the configuration tool.
- **coDevDisContact**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.8 *read-only*  
Contact assigned to the device by the configuration tool.
- **coDevDisGroupName**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.9 *read-only*  
Identifies the group that the device belongs to.
- **coDevDisConnectionTime**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.10 *read-only*  
Elapsed time in minutes since the device was last authorized.
- **coDevDisControllerIndex**  
.1.3.6.1.4.1.8744.5.23.1.2.1.1.11 *read-only*  
If the device belongs to an controller team, this index refer to coControllerDisIndex, otherwise it is 0.

### **coDeviceInfoTable**

.1.3.6.1.4.1.8744.5.23.1.3.1 *not-accessible*

Device information attributes.

- **coDeviceInfoEntry**  
.1.3.6.1.4.1.8744.5.23.1.3.1.1 *not-accessible*  
An entry in the coDeviceInfoTable. coDevDisIndex - Uniquely identifies a device on the controller.
- **coDevInfoProductType**  
.1.3.6.1.4.1.8744.5.23.1.3.1.1.1 *read-only*  
Refer to a HP product inside colubrisProductsMIB.

- **coDevInfoProductName**  
 .1.3.6.1.4.1.8744.5.23.1.3.1.1.2 *read-only*  
 Product name for the device.
- **coDevInfoFirmwareRevision**  
 .1.3.6.1.4.1.8744.5.23.1.3.1.1.3 *read-only*  
 Revision number of the device firmware.
- **coDevInfoBootRevision**  
 .1.3.6.1.4.1.8744.5.23.1.3.1.1.4 *read-only*  
 Revision number of the device boot loader.
- **coDevInfoHardwareRevision**  
 .1.3.6.1.4.1.8744.5.23.1.3.1.1.5 *read-only*  
 Revision number of the system hardware.

### **coDeviceStatusTable**

.1.3.6.1.4.1.8744.5.23.1.4.1 *not-accessible*  
 Device status attributes.

- **coDeviceStatusEntry**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1 *not-accessible*  
 An entry in the coDeviceStatusTable. coDevDisIndex - Uniquely identifies a device on the controller.
- **coDevStUpTime**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.1 *read-only*  
 Time elapsed after the device powered up.
- **coDevStLoadAverage1Min**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.2 *read-only*  
 Average number of processes running during the last minute.
- **coDevStLoadAverage5Min**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.3 *read-only*  
 Average number of processes running during the last 5 minutes.
- **coDevStLoadAverage15Min**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.4 *read-only*  
 Average number of processes running during the last 15 minutes.
- **coDevStCpuUseNow**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.5 *read-only*  
 Current CPU usage.
- **coDevStCpuUse5Sec**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.6 *read-only*  
 Average CPU usage during the last 5 seconds.
- **coDevStCpuUse10Sec**  
 .1.3.6.1.4.1.8744.5.23.1.4.1.1.7 *read-only*  
 Average CPU usage during the last 10 seconds.

- **coDevStCpuUse20Sec**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.8 *read-only*  
Average CPU usage during the last 20 seconds.
- **coDevStRamTotal**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.9 *read-only*  
Total system RAM.
- **coDevStRamFree**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.10 *read-only*  
Available system RAM.
- **coDevStRamBuffer**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.11 *read-only*  
Memory used by the buffers.
- **coDevStRamCached**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.12 *read-only*  
Memory used by the system cache.
- **coDevStStorageUsePermanent**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.13 *read-only*  
Percentage of the permanent storage in use.
- **coDevStStorageUseTemporary**  
.1.3.6.1.4.1.8744.5.23.1.4.1.1.14 *read-only*  
Percentage of the temporary storage in use.

## COLUBRIS-DEVICE-MIB Traps

### **coDeviceStateChangeNotification**

.1.3.6.1.4.1.8744.5.23.2.0.1

A **coDeviceStateChangeNotification** trap signifies that the SNMP entity has detected a device state change.

**Parameters:** **coDevDisSerialNumber**,**coDevDisIpAddress**,**coDevDisState**,**coDevDisSystemName**.

### **coDeviceAuthorizationFailureNotification**

.1.3.6.1.4.1.8744.5.23.2.0.2

A **coDeviceAuthorizationFailureNotification** trap signifies that the SNMP entity has detected a device authentication failure.

**Parameters:** **coDevDisSerialNumber**,**coDevDisIpAddress**,**coDevDisState**,**coDevDisSystemName**.

### **coDeviceSecurityFailureNotification**

.1.3.6.1.4.1.8744.5.23.2.0.3

A **coDeviceSecurityFailureNotification** trap signifies that the SNMP entity has detected a device connection failure.

**Parameters:** **coDevDisSerialNumber**,**coDevDisIpAddress**,**coDevDisState**,**coDevDisSystemName**.

### coDeviceFirmwareFailureNotification

.1.3.6.1.4.1.8744.5.23.2.0.4

A coDeviceFirmwareFailureNotification trap signifies that the SNMP entity has detected a device firmware failure.

**Parameters:** coDevDisSerialNumber,coDevDisIpAddress,coDevDisState,coDevDisSystemName.

### coDeviceConfigurationFailureNotification

.1.3.6.1.4.1.8744.5.23.2.0.5

A coDeviceConfigurationFailureNotification trap signifies that the SNMP entity has detected a device configuration failure.

**Parameters:** coDevDisSerialNumber,coDevDisIpAddress,coDevDisState,coDevDisSystemName.

## COLUBRIS-USER-ACCOUNT-MIB

This MIB is used to display status information for the user accounts.

### COLUBRIS-USER-ACCOUNT-MIB OIDs

#### coUserAccountStatusTable

.1.3.6.1.4.1.8744.5.35.1.1.1

*not-accessible*

User account attributes.

- coUserAccountStatusEntry

.1.3.6.1.4.1.8744.5.35.1.1.1.1

*not-accessible*

An entry in the coUserAccountStatusTable. coUserAccIndex - Uniquely identifies a user account on the controller.

- coUserAccIndex

.1.3.6.1.4.1.8744.5.35.1.1.1.1.1

*not-accessible*

Indicates the index of the user account.

- coUserAccUserName

.1.3.6.1.4.1.8744.5.35.1.1.1.1.2

*read-only*

User name corresponding to the user account.

- coUserAccPlanName

.1.3.6.1.4.1.8744.5.35.1.1.1.1.3

*read-only*

The name of the subscription plan name associated to this account.

- coUserAccRemainingOnlineTime

.1.3.6.1.4.1.8744.5.35.1.1.1.1.4

*read-only*

The online time remaining for this account.

- coUserAccFirstLoginTime

.1.3.6.1.4.1.8744.5.35.1.1.1.1.5

*read-only*

First login time recorded for this account.

- **coUserAccRemainingSessionTime**  
 .1.3.6.1.4.1.8744.5.35.1.1.1.6 *read-only*  
 Time before next logout.
- **coUserAccStatus**  
 .1.3.6.1.4.1.8744.5.35.1.1.1.7 *read-only*  
 Current status of the user account based on the rules defined in the associated subscription plan.
- **coUserAccExpirationTime**  
 .1.3.6.1.4.1.8744.5.35.1.1.1.8 *read-only*  
 This field include the date and time of the account expiration based on the subscription profile.

## COLUBRIS-802DOT1X-ACCESS-MIB

This MIB was created to provide 802.1X control and status objects that go beyond those available in the standard 802.1X MIB. The objects in this MIB apply to the 802.1X engine in applicable HP devices.

### COLUBRIS-802DOT1X-ACCESS-MIB OIDs

#### **coDot1xPaeSystemModifyKey**

.1.3.6.1.4.1.8744.5.8.1.1.1 *read-only*

Indicates if WEP and TKIP group keys are updated at regular intervals. 'true': Group key update is enabled. 'false': Group key update is disabled.

#### **coDot1xPaeSystemModifyKeyInterval**

.1.3.6.1.4.1.8744.5.8.1.1.2 *read-write*

Specifies the interval (in seconds) between updates of the WEP transmit keys.

#### **coDot1xAuthQuietPeriod**

.1.3.6.1.4.1.8744.5.8.1.2.1 *read-write*

Specifies the initial value of the quietPeriod constant used by the Authenticator PAE state machine.

#### **coDot1xAuthTxPeriod**

.1.3.6.1.4.1.8744.5.8.1.2.2 *read-write*

Specifies the initial value of the txPeriod constant used by the Authenticator PAE state machine.

#### **coDot1xAuthSuppTimeout**

.1.3.6.1.4.1.8744.5.8.1.2.3 *read-write*

Specifies the initial value of the suppTimeout constant used by the Backend Authentication state machine.



### **coDot1xAuthServerTimeout**

.1.3.6.1.4.1.8744.5.8.1.2.4 *read-write*

Specifies the initial value of the serverTimeout constant used by the Backend Authentication state machine.

### **coDot1xAuthMaxReq**

.1.3.6.1.4.1.8744.5.8.1.2.5 *read-write*

Specifies the initial value of the maxReq constant used by the Backend Authentication state machine.

### **coDot1xAuthReAuthPeriod**

.1.3.6.1.4.1.8744.5.8.1.2.6 *read-write*

Specifies the initial value of the reAuthPeriod constant used by the Reauthentication Timer state machine.

### **coDot1xAuthReAuthEnabled**

.1.3.6.1.4.1.8744.5.8.1.2.7 *read-write*

Specifies the enable/disable control used by the Reauthentication Timer state machine (8.5.5.1).

'true': Enables the control used by the re-authentication timer state machine.

'false': Disables the control.

### **coDot1xAuthKeyTxEnabled**

.1.3.6.1.4.1.8744.5.8.1.2.8 *read-write*

Specifies the initial value of the keyTransmissionEnabled constant used by the Authenticator PAE state machine.

'true': Enables the constant used by the Authenticator PAE state machine.

'false': Disables the constant.

### **coDot1xAuthReAuthMax**

.1.3.6.1.4.1.8744.5.8.1.2.9 *read-write*

Specifies the number of reauthentication attempts that are permitted before the Port becomes Unauthorized.

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## **COLUBRIS-SATELLITE-MANAGEMENT-MIB**

This MIB is designed to centralize the information for multiple HP access points (satellites) operating in autonomous mode on an HP controller. Information is exchanged between the APs and the controller on the LAN port. Satellite information is registered on the controller and displayed in a Satellite table inside this MIB.

## **COLUBRIS-SATELLITE-MANAGEMENT-MIB OIDS**

### **satelliteTable**

.1.3.6.1.4.1.8744.5.7.1.1.1 *not-accessible*

The table of all satellite access points currently registered by the Master access point. In tabular form to allow multiple instance on an agent.

- **satelliteEntry**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1 *not-accessible*  
Information about a Satellite access point currently registered by the Master access point.  
satelliteIndex - Uniquely identifies a device in the satellite table.
- **satelliteIndex**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.1 *not-accessible*  
Index of a the satellite in the satelliteTable.
- **satelliteDeviceId**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.2 *read-only*  
Device ID of a the satellite in the satelliteTable.
- **satelliteMacAddress**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.3 *read-only*  
Indicates the MAC address of the wireless radio of the satellite access point.
- **satelliteIpAddress**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.4 *read-only*  
Indicates the IP address of the satellite access point.
- **satelliteName**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.5 *read-only*  
Indicates the name of the satellite access point.
- **satelliteSSID**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.6 *read-only*  
Indicates the SSID of the satellite access point.
- **satelliteChannelNumber**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.7 *read-only*  
Indicates the wireless channel number the satellite access point is operating on.
- **satelliteForwardWirelessToWireless**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.8 *read-only*  
Indicates if the forwarding of traffic between wireless client stations is enabled on the satellite access point.  
'true': indicates that the forwarding feature is enabled.  
'false': indicates that no forwarding takes place.
- **satelliteMasterTrafficOnly**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.9 *read-only*  
Indicates if the satellite will only forward traffic that is addressed to the MAC address of the Master access point.
- **satelliteSNMPPort**  
.1.3.6.1.4.1.8744.5.7.1.1.1.1.10 *read-only*  
Indicates the SNMP port on which the satellite listens. The value zero is used when no information could be retrieved from the satellite device.

- **satelliteSecureWebPort**  
.1.3.6.1.4.1.8744.5.7.1.1.1.11 *read-only*  
Indicates the secure web port on which the satellite listens. The value zero is used when no information could be retrieved from the satellite device.
- **satelliteDeviceMacAddress**  
.1.3.6.1.4.1.8744.5.7.1.1.1.12 *read-only*  
Indicates the MAC address of the satellite access point bridge interface.
- **satelliteProductName**  
.1.3.6.1.4.1.8744.5.7.1.1.1.13 *read-only*  
Indicates the product name for the device in printable ASCII characters.
- **satelliteFirmwareRevision**  
.1.3.6.1.4.1.8744.5.7.1.1.1.14 *read-only*  
Indicates the revision number of the device firmware in printable ASCII characters.
- **satelliteGroupName**  
.1.3.6.1.4.1.8744.5.7.1.1.1.15 *read-only*  
Indicates the location-aware group name of the satellite. The group name is only returned when location-aware is enabled at the satellite. An empty string is returned otherwise.
- **satelliteChannelNumberRadio2**  
.1.3.6.1.4.1.8744.5.7.1.1.1.16 *read-only*  
Indicates the wireless channel number the radio 2 is operating on.
- **satelliteVLAN**  
.1.3.6.1.4.1.8744.5.7.1.1.1.17 *read-only*  
Management VLAN.
- **satelliteDetectionPort**  
.1.3.6.1.4.1.8744.5.7.1.1.1.18 *read-only*  
The detection packet is send on this interface.

### **satelliteNumber**

.1.3.6.1.4.1.8744.5.7.1.1.2 *read-only*  
Indicates the number of satellites present in the satellite table.

### **satelliteUpNotificationEnabled**

.1.3.6.1.4.1.8744.5.7.1.2.1 *read-write*  
Specifies if satelliteUpNotification notifications are generated.

### **satelliteDownNotificationEnabled**

.1.3.6.1.4.1.8744.5.7.1.2.2 *read-write*  
Specifies if satelliteDownNotification notifications are generated.

## COLUBRIS-SATELLITE-MANAGEMENT-MIB Traps

### satelliteUpNotification

.1.3.6.1.4.1.8744.5.7.2.0.1

Sent when a new satellite is detected.

**Parameters:** satelliteName,satelliteDeviceId,satelliteMacAddress,satelliteIpAddress,satelliteSID.

### satelliteDownNotification

.1.3.6.1.4.1.8744.5.7.2.0.2

Sent when a satellite becomes unreachable.

**Parameters:** satelliteName,satelliteDeviceId,satelliteMacAddress,satelliteIpAddress,satelliteSID.

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## COLUBRIS-PUBLIC-ACCESS-RETENTION-MIB

This MIB keeps statistics for a certain amount of time for de-authenticated users. It is related to the public access module on HP controllers.

## COLUBRIS-PUBLIC-ACCESS-RETENTION-MIB OIDs

### publicAccessRetentionSessionsMaxCount

.1.3.6.1.4.1.8744.5.15.1.1.1 *read-write*

The maximum number of entries inside the publicAccessRetentionSessionTable. The maximum value for this is 250% the maximum number of users configured inside the product.

### publicAccessRetentionSessionsMaxTime

.1.3.6.1.4.1.8744.5.15.1.1.2 *read-write*

The maximum number of seconds for an entry to remain in the table. When expired the session's state changes to Unassigned.

### publicAccessRetentionSessionTable

.1.3.6.1.4.1.8744.5.15.1.1.3 *not-accessible*

A table containing information about existing or past authenticated user sessions.

- publicAccessRetentionSessionEntry

.1.3.6.1.4.1.8744.5.15.1.1.3.1 *not-accessible*

Information about a particular authenticated user session.

publicAccessRetentionSessionIndex - Uniquely identifies a session in the table.

- publicAccessRetentionSessionIndex

.1.3.6.1.4.1.8744.5.15.1.1.3.1.1 *not-accessible*

Index of a session in the publicAccessRetentionSessionTable.

- publicAccessRetentionSessionState

.1.3.6.1.4.1.8744.5.15.1.1.3.1.2 *read-only*

Indicates the current state of the user's session.

- **publicAccessRetentionSessionUserName**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.3 *read-only*  
Indicates the last username used for RADIUS authentication.
- **publicAccessRetentionSessionStartTime**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.4 *read-only*  
Indicates when this user session was started.
- **publicAccessRetentionSessionDuration**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.5 *read-only*  
Indicates how long the user's session has been active. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessRetentionSessionStationIpAddress**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.6 *read-only*  
Indicates the user's IP address.
- **publicAccessRetentionSessionPacketsSent**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.7 *read-only*  
Indicates the total number of IP packets sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessRetentionSessionPacketsReceived**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.8 *read-only*  
Indicates the total number of IP packets received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessRetentionSessionBytesSent**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.9 *read-only*  
Indicates the total number of bytes sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessRetentionSessionBytesReceived**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.10 *read-only*  
Indicates the total number of bytes received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **publicAccessRetentionSessionSSID**  
.1.3.6.1.4.1.8744.5.15.1.1.3.1.11 *read-only*  
Indicates the user's Access Point SSID (ONLY when Location-aware is enabled and properly configured). If this information is not available, a zero-length string will be returned.

**publicAccessRetentionPeriodicStatsMaxCount**

.1.3.6.1.4.1.8744.5.15.1.2.1 *read-write*

Specifies the maximum number of periods to keep inside the table.

**publicAccessRetentionPeriodicStatsDuration**

.1.3.6.1.4.1.8744.5.15.1.2.2 *read-write*

Specifies the amount of time for a period of an entry inside the table. Changing the value will erase the table contents.

## publicAccessRetentionPeriodTable

.1.3.6.1.4.1.8744.5.15.1.2.3 *not-accessible*

A table containing statistics on the number of authentication user's sessions pending and terminated.

- publicAccessRetentionPeriodEntry  
.1.3.6.1.4.1.8744.5.15.1.2.3.1 *not-accessible*  
Statistics information about the number of authenticated user sessions in a given period of time.
- publicAccessRetentionPeriodIndex  
.1.3.6.1.4.1.8744.5.15.1.2.3.1.1 *not-accessible*  
Index of a statistics period.
- publicAccessRetentionPeriodStartTime  
.1.3.6.1.4.1.8744.5.15.1.2.3.1.2 *read-only*  
Indicates the start time for the statistical period. If zero, then the period does not contain valid information.
- publicAccessRetentionPeriodStopTime  
.1.3.6.1.4.1.8744.5.15.1.2.3.1.3 *read-only*  
Indicates the stop time for the statistical period. If zero, the period is not yet terminated.
- publicAccessRetentionPeriodHighestSessionCount  
.1.3.6.1.4.1.8744.5.15.1.2.3.1.4 *read-only*  
Indicates the highest number of simultaneous authenticated user sessions within this time period.
- publicAccessRetentionPeriodTotalSessionCount  
.1.3.6.1.4.1.8744.5.15.1.2.3.1.5 *read-only*  
Indicates the total number of authenticated user sessions within this time period.

## COLUBRIS-PUBLIC-ACCESS-RETENTION-MIB Traps

### publicAccessRetentionSessionMaxCountReachedTrap

.1.3.6.1.4.1.8744.5.15.2.0.1

This notification is sent whenever the number of session exceed the value of publicAccessRetentionSessionsMaxCount.

**Parameters:** publicAccessRetentionSessionsMaxCount,publicAccessRetentionSessionsMaxTime.

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## COLUBRIS-MAINTENANCE-MIB

This MIB is used to initiate a firmware download or a configuration update. The administrator also has the option of pushing a firmware or a configuration file directly to the device.

## COLUBRIS-MAINTENANCE-MIB OIDs

### **firmwarePeriodicUpdate**

.1.3.6.1.4.1.8744.5.2.1.1.1 *read-write*

Specifies if firmware updates are automatically triggered on a periodic basis or not.

'true': Automatically update the firmware based on the information specified in the firmwareUpdateDay and firmwareUpdateTime attributes.

'false': No firmware update is triggered unless a request is specifically issued using the firmwareUpdateInitiate attribute.

### **firmwareUpdateDay**

.1.3.6.1.4.1.8744.5.2.1.1.2 *read-write*

When firmwarePeriodicUpdate is set to true, this attribute specifies the day that automatic updates will occur.

### **firmwareUpdateTime**

.1.3.6.1.4.1.8744.5.2.1.1.3 *read-write*

When firmwarePeriodicUpdate is set to true, this attribute specifies the time of the day that automatic updates will occur. Specify the time in hours (00-23) and minutes (00-59) in the format HH:MM. The ':' character is mandatory between the fields.

### **firmwareUpdateLocation**

.1.3.6.1.4.1.8744.5.2.1.1.4 *read-write*

Specifies the URL where the new firmware file is located. This is used when the firmware update is triggered manually or automatically on a periodic basis.

### **firmwareUpdateInitiate**

.1.3.6.1.4.1.8744.5.2.1.1.5 *read-write*

Triggers a firmware update using the firmware specified in the firmwareUpdateLocation attribute. Reading this attribute always returns 'idle'.

### **firmwareUpdateNotificationEnabled**

.1.3.6.1.4.1.8744.5.2.1.1.6 *read-write*

Specifies if firmwareUpdateNotification notifications are generated.

### **firmwareUpdateInfo**

.1.3.6.1.4.1.8744.5.2.1.1.7 *read-only*

Contains various information about the firmware update and is used with firmware update notifications to provide more detailed information.

### **firmwareUpdateStatus**

.1.3.6.1.4.1.8744.5.2.1.1.8 *read-only*

Contains the status of the current or last firmware download. A Textual error message is available in firmwareUpdateInfo.

### **configurationPeriodicUpdate**

.1.3.6.1.4.1.8744.5.2.1.2.1 *read-write*

Specifies if configuration file updates are automatically triggered on a periodic basis or not.

'true': Automatically update the configuration file based on the information specified in the configurationUpdateDay and configurationUpdateTime attributes.

'false': No configuration file update is triggered unless a request is specifically issued using the configurationUpdateInitiate attribute.

### **configurationUpdateDay**

.1.3.6.1.4.1.8744.5.2.1.2.2 *read-write*

When configurationPeriodicUpdate is set to true, this attribute specifies the day that automatic updates will occur.

### **configurationUpdateTime**

.1.3.6.1.4.1.8744.5.2.1.2.3 *read-write*

When configurationPeriodicUpdate is set to true, this attribute specifies the time of the day for an automatic configuration file update. Specify the time in hours (00-23) and minutes (00-59) in the format HH:MM. The ':' character is mandatory between the fields.

### **configurationUpdateLocation**

.1.3.6.1.4.1.8744.5.2.1.2.4 *read-write*

Specifies the URL where the new configuration file is located. This is used when the update is triggered manually or automatically on a periodic basis.

### **configurationUpdateInitiate**

.1.3.6.1.4.1.8744.5.2.1.2.5 *read-write*

Triggers a configuration file update using the configuration file specified in the configurationUpdateLocation attribute. Reading this attribute always returns 'idle'.

### **configurationUpdateOperation**

.1.3.6.1.4.1.8744.5.2.1.2.6 *read-write*

Specifies the operation that is performed on the configuration file.

'backup': Saves the current device configuration into the file specified in the configurationUpdateLocation attribute.

'restore': Loads the file specified in the configurationUpdateLocation attribute into the device.

### **configurationUpdateNotificationEnabled**

.1.3.6.1.4.1.8744.5.2.1.2.7 *read-write*

Specifies if configurationUpdateNotification notifications are generated.

### **configurationLocalUpdateNotificationEnabled**

.1.3.6.1.4.1.8744.5.2.1.2.8 *read-write*

Specifies if configurationLocalUpdateNotification notifications are generated.

### **configurationUpdateInfo**

.1.3.6.1.4.1.8744.5.2.1.2.9 *read-only*

Contains various information about the configuration update and is used with configuration update notifications to provide more detailed information.

### **configurationFactoryDefaults**

.1.3.6.1.4.1.8744.5.2.1.2.10 *read-write*

Resets the device configuration to Factory Default. Important: This will reset the community names and shut down all connections. Reading this object will always return 'idle'.



### **configurationRestart**

.1.3.6.1.4.1.8744.5.2.1.2.11 *read-write*

Restarts the device. Important: This will shut down all connections. Reading this object will always return 'idle'.

### **configurationUpdateStatus**

.1.3.6.1.4.1.8744.5.2.1.2.12 *read-only*

Contains the status of the current or last configuration transfer (backup or restore). A textual error message is available in configurationUpdateInfo.

### **certificateAboutToExpireNotificationEnabled**

.1.3.6.1.4.1.8744.5.2.1.3.1 *read-write*

Specifies if certificateAboutToExpireNotification notifications are generated.

### **certificateExpiredNotificationEnabled**

.1.3.6.1.4.1.8744.5.2.1.3.2 *read-write*

Specifies if certificateExpiredNotification notifications are generated.

### **certificateExpiryDate**

.1.3.6.1.4.1.8744.5.2.1.3.3 *read-only*

Indicates the current expiry date of the certificate.

## **COLUBRIS-MAINTENANCE-MIB Traps**

### **firmwareUpdateNotification**

.1.3.6.1.4.1.8744.5.2.2.0.5

Sent when a firmware update was attempted from a remote server.

**Parameters:** firmwareUpdateInfo,systemFirmwareRevision.

### **configurationUpdateNotification**

.1.3.6.1.4.1.8744.5.2.2.0.1

Sent when a configuration update was attempted from a remote server.

**Parameters:** configurationUpdateInfo,systemConfigurationVersion.

### **configurationLocalUpdateNotification**

.1.3.6.1.4.1.8744.5.2.2.0.2

Sent whenever the configuration changes.

**Parameters:** configurationUpdateInfo.

### **certificateAboutToExpireNotification**

.1.3.6.1.4.1.8744.5.2.2.0.3

Sent when a certificate is about to expire.

**Parameters:** certificateExpiryDate.

### **certificateExpiredNotification**

.1.3.6.1.4.1.8744.5.2.2.0.4

Sent when a certificate has expired.

**Parameters:** certificateExpiryDate.

## COLUBRIS-BANDWIDTH-CONTROL-MIB

This MIB provides information on the bandwidth control settings active on an HP device.

### COLUBRIS-BANDWIDTH-CONTROL-MIB OIDs

#### **coBandwidthControlEnable**

.1.3.6.1.4.1.8744.5.14.1.1.1 *read-only*

Indicates if bandwidth control is enabled or disabled on the Internet port.

#### **coBandwidthControlMaxTransmitRate**

.1.3.6.1.4.1.8744.5.14.1.1.2 *read-only*

Indicates the maximum rate at which data can be transmitted on the Internet port. If traffic exceeds this rate for short bursts, it is buffered. Long overages will result in data being dropped.

#### **coBandwidthControlMaxReceiveRate**

.1.3.6.1.4.1.8744.5.14.1.1.3 *read-only*

Indicates the maximum rate at which data can be received on the Internet port. If traffic exceeds this rate for short bursts it is buffered. Long overages will result in data being dropped.

#### **coBandwidthControlLevelTable**

.1.3.6.1.4.1.8744.5.14.1.1.4 *not-accessible*

A table defining the current bandwidth level settings that are active on the device.

- **coBandwidthControlLevelEntry**

.1.3.6.1.4.1.8744.5.14.1.1.4.1 *not-accessible*

An entry in the coBandwidthControlLevelTable. coBandwidthControlLevelIndex - Uniquely access a definition for this particular bandwidth control level.

- **coBandwidthControlLevelIndex**

.1.3.6.1.4.1.8744.5.14.1.1.4.1.1 *not-accessible*

Specifies the level index. Each index defines a bandwidth level that traffic can be assigned to. Four indexes are defined (1 to 4) with the following meanings: 1-Low, 2-Normal, 3- High, 4-Very High.

- **coBandwidthControlLevelMinTransmitRate**

.1.3.6.1.4.1.8744.5.14.1.1.4.1.2 *read-only*

Specify the minimum transmit rate for the level as a percentage of coBandwidthControlMaxTransmitRate. This is the minimum amount of bandwidth that will be assigned to a level as soon as outgoing traffic is present on the level.

- **coBandwidthControlLevelMaxTransmitRate**

.1.3.6.1.4.1.8744.5.14.1.1.4.1.3 *read-only*

Specify the maximum transmit rate for the specified level as a percentage of coBandwidthControlMaxTransmitRate. This is the maximum amount of outgoing bandwidth that can be consumed by the level. Traffic in excess will be buffered for short bursts, and dropped for sustained overages

- **coBandwidthControlLevelMinReceiveRate**  
.1.3.6.1.4.1.8744.5.14.1.1.4.1.4 *read-only*  
Specify the minimum receive rate for the specified level as a percentage of coBandwidthControlMaxReceiveRateRate. This is the minimum amount of bandwidth that will be assigned to a level as soon as incoming traffic is present on the level.
- **coBandwidthControlLevelMaxReceiveRate**  
.1.3.6.1.4.1.8744.5.14.1.1.4.1.5 *read-only*  
Specify the maximum receive rate for the specified level as a percentage of coBandwidthControlMaxReceiveRateRate. This is the maximum amount of incoming bandwidth that can be consumed by the level. Traffic in excess will be buffered for short bursts, and dropped for sustained overages.

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## COLUBRIS-USER-SESSION-MIB

This MIB is used to show the list of authenticated access-controlled and non-access-controlled users on a controller.

### COLUBRIS-USER-SESSION-MIB OIDs

#### **coUserSessACUserMaxCount**

.1.3.6.1.4.1.8744.5.36.1.1.1 *read-only*

Indicates the maximum number of concurrent authenticated AC users.

#### **coUserSessNonACUserMaxCount**

.1.3.6.1.4.1.8744.5.36.1.1.2 *read-only*

Indicates the maximum number of concurrent authenticated non AC users.

#### **coUserSessACUserCount**

.1.3.6.1.4.1.8744.5.36.1.1.3 *read-only*

Indicates the number of currently authenticated AC users.

#### **coUserSessNonACUserCount**

.1.3.6.1.4.1.8744.5.36.1.1.4 *read-only*

Indicates the number of currently authenticated non AC users.

#### **coUserSessionTable**

.1.3.6.1.4.1.8744.5.36.1.2.1 *not-accessible*

A table containing specific information for access-controlled and non-access-controlled users authenticated by the authentication system.

- **coUserSessionEntry**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1 *not-accessible*

Information about a particular user that has been authenticated by the authentication system.

coUserSessIndex - Uniquely identifies a user in the table.

- **coUserSessIndex**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.1 *not-accessible*  
Index of a user in the coUserSessionTable.
- **coUserSessUserName**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.2 *read-only*  
Indicates the user's name.
- **coUserSessClientIpAddress**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.3 *read-only*  
Indicates the user's IP address.
- **coUserSessSessionDuration**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.4 *read-only*  
Indicates how long the user's session has been active. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessIdleTime**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.5 *read-only*  
Indicates for how long the user's session has been idle. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessMAPGroupName**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.6 *read-only*  
Indicates the user's MultiService Access Point Group Name.
- **coUserSessVSCName**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.7 *read-only*  
Indicates the user's Virtual Service Community Name.
- **coUserSessSSID**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.8 *read-only*  
Indicates the user's Access Point SSID (ONLY when Location-aware is enabled and properly configured). If this information is not available, a zero-Length string is returned.
- **coUserSessVLAN**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.9 *read-only*  
For access-controlled users, this value indicates the downstream VLAN currently assigned to the user.  
For non-access-controlled users, it indicates the user VLAN.
- **coUserSessPHYType**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.10 *read-only*  
Specifies the user's radio type.
- **coUserSessAuthType**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.11 *read-only*  
User's authentication type.
- **coUserSessCalledStationID**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.12 *read-only*  
Indicates the user's called station ID.

- **coUserSessCallingStationID**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.13 *read-only*  
Indicates the user's calling station ID.
- **coUserSessRADIUSServerProfileName**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.14 *read-only*  
Indicates the RADIUS server profile name used to authenticate the user.
- **coUserSessRADIUSServerIpAddress**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.15 *read-only*  
Indicates the RADIUS server IP address used to authenticate the user.
- **coUserSessBytesSent**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.16 *read-only*  
Indicates the total number of bytes sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessBytesReceived**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.17 *read-only*  
Indicates the total number of bytes received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessPacketsSent**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.18 *read-only*  
Indicates the total number of IP packets sent by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessPacketsReceived**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.19 *read-only*  
Indicates the total number of IP packets received by the user. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.
- **coUserSessEgressVLAN**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.20 *read-only*  
Specifies the egress VLAN currently assigned to the user. Always 0 for non-access-controlled clients.
- **coUserSessMacAddress**  
.1.3.6.1.4.1.8744.5.36.1.2.1.1.21 *read-only*  
MAC address of the client. Always 00:00:00:00:00:00 for non-access-controlled clients.

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## COLUBRIS-DEVICE-IF-MIB

This MIB is used to view the status and statistics of each interface available on each of the devices controlled by a MultiService Controller (MSC).

## COLUBRIS-DEVICE-IF-MIB OIDs

### coDeviceIfStatusTable

.1.3.6.1.4.1.8744.5.24.1.1.1 *not-accessible*

Device interface status attributes.

- **coDeviceIfStatusEntry**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1 *not-accessible*  
An entry in the coDeviceIfStatusTable. coDevDisIndex - Uniquely identifies a device on the controller.  
coDevIfStaIfIndex - Uniquely identifies an interface on the device.
- **coDevIfStaIfIndex**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.1 *not-accessible*  
Specifies the index of an interface on the device.
- **coDevIfStaFriendlyInterfaceName**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.2 *read-only*  
The friendly name associated with the interface.
- **coDevIfStaType**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.3 *read-only*  
The current state of the interface.
- **coDevIfStaVLAN**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.4 *read-only*  
Specifies the VLAN associated with the interface. The value 0 is used when coDevIfStaType is not set to l2vlan.
- **coDevIfStaIpAddress**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.5 *read-only*  
The IP address assigned to the interface.
- **coDevIfStaNetworkMask**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.6 *read-only*  
The network mask assigned to the interface.
- **coDevIfStaMACAddress**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.7 *read-only*  
The MAC address assigned to the interface.
- **coDevIfStaState**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.8 *read-only*  
The current state of the interface.
- **coDevIfStaPowerForwardingStatus**  
.1.3.6.1.4.1.8744.5.24.1.1.1.1.9 *read-only*  
When True indicates that power forwarding is enabled on this Ethernet port.

### coDeviceIfStatsTable

.1.3.6.1.4.1.8744.5.24.1.2.1 *not-accessible*

Device interface statistic attributes.

- **coDeviceIfStatsEntry**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1 *not-accessible*

An entry in the coDeviceIfStatsTable. coDevDisIndex - Uniquely identify a device on the controller.  
coDevIfStalfIndex - Uniquely identify an interface on the device.
- **coDevIfStsRxBytes**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.1 *read-only*

The total number of octets received on the interface.
- **coDevIfStsRxPackets**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.2 *read-only*

The number of packets delivered by this sub-layer to a higher (sub-)layer.
- **coDevIfStsRxErrors**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.3 *read-only*

The number of inbound packets that contained errors preventing them from being deliverable to a higher-layer protocol.
- **coDevIfStsTxBytes**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.4 *read-only*

The total number of octets transmitted by the interface.
- **coDevIfStsTxPackets**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.5 *read-only*

The total number of packets that higher-level protocols requested to be transmitted.
- **coDevIfStsTxErrors**  
.1.3.6.1.4.1.8744.5.24.1.2.1.1.6 *read-only*

The number of outbound packets that could not be transmitted because of errors.

### **coDeviceIfFdbTable**

.1.3.6.1.4.1.8744.5.24.1.3.1 *not-accessible*

This table contains the network forwarding databases.

- **coDeviceIfFdbEntry**  
.1.3.6.1.4.1.8744.5.24.1.3.1.1 *not-accessible*

An entry in the coDeviceIfFdbTable. coDevDisIndex - Uniquely identifies a device ion the controller.  
coDevIfStalfIndex - Uniquely identifies an interface on the device.  
coDevIfFdbMacIndex - Uniquely identifies a remote device connected to an interface on the device.
- **coDevIfFdbMacIndex**  
.1.3.6.1.4.1.8744.5.24.1.3.1.1.1 *not-accessible*

Specifies the index of a remote device connected to an interface on the device.
- **coDevIfFdbMACAddress**  
.1.3.6.1.4.1.8744.5.24.1.3.1.1.2 *read-only*

The MAC address of the remote device.

- **coDevIfFdbAuthorized**  
.1.3.6.1.4.1.8744.5.24.1.3.1.1.3 *read-only*  
When True, indicates that traffic coming from this remote device is allowed.
- **coDevIfFdbAgeing**  
.1.3.6.1.4.1.8744.5.24.1.3.1.1.4 *read-only*  
Indicates the elapsed time when when the last frame was received for the remote device.

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## COLUBRIS-SENSOR-MIB

This MIB is used to display information about the RF sensor feature in an HP AP.

### COLUBRIS-SENSOR-MIB OIDs

#### **coSensorOperState**

.1.3.6.1.4.1.8744.5.31.1.1.1 *read-only*

Indicates if at least one radio on the access point is currently in sensor mode.

#### **coSensorConfigMode**

.1.3.6.1.4.1.8744.5.31.1.1.2 *read-only*

Indicates if the sensor uses one radio (shared) or both radios (dedicated).

#### **coSensorOperMode**

.1.3.6.1.4.1.8744.5.31.1.1.3 *read-only*

Indicates the current operational mode of the sensor.

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## COLUBRIS-CONTROLLER-MIB

This MIB is used to view the list of controllers inside a controller team.

### COLUBRIS-CONTROLLER-MIB OIDs

#### **coControllerStateNotificationEnabled**

.1.3.6.1.4.1.8744.5.27.1.1.1 *read-write*

Specifies if coControllerStateNotification notification is generated.

#### **coControllerTeamIpAddress**

.1.3.6.1.4.1.8744.5.27.1.1.2 *read-only*

The IP address of the controller team.

#### **coControllerTeamName**

.1.3.6.1.4.1.8744.5.27.1.1.3 *read-only*

The name of the controller team.



### coControllerNbDisController

.1.3.6.1.4.1.8744.5.27.1.2.1 *read-only*

Number of controllers in the controller discovery table.

### coControllerDiscoveryTable

.1.3.6.1.4.1.8744.5.27.1.2.2 *not-accessible*

Controller discovery attributes.

- coControllerDiscoveryEntry  
.1.3.6.1.4.1.8744.5.27.1.2.2.1 *not-accessible*  
An entry in the coControllerDiscoveryTable. coControllerDisIndex - Uniquely identify a Controller in the stack.
- coControllerDisIndex  
.1.3.6.1.4.1.8744.5.27.1.2.2.1.1 *not-accessible*  
Uniquely identify a controller .
- coControllerDisSerialNumber  
.1.3.6.1.4.1.8744.5.27.1.2.2.1.2 *read-only*  
The serial number of a controller .
- coControllerDisMacAddress  
.1.3.6.1.4.1.8744.5.27.1.2.2.1.3 *read-only*  
MAC address of a controller .
- coControllerDisIpAddress  
.1.3.6.1.4.1.8744.5.27.1.2.2.1.4 *read-only*  
IP address of a controller .
- coControllerDisState  
.1.3.6.1.4.1.8744.5.27.1.2.2.1.5 *read-only*  
The state of a controller .

## COLUBRIS-CONTROLLER-MIB Traps

### coControllerStateNotification

.1.3.6.1.4.1.8744.5.27.2.0.1

Indicates whether the controller is entering or leaving the running state.

**Parameters:** coControllerDisSerialNumber,coControllerDisMacAddress,coControllerDisIpAddress,coControllerDisState.

---

## COLUBRIS-CONNECTION-LIMITING-MIB

This MIB controls per-user connection limits on a device.

## COLUBRIS-CONNECTION-LIMITING-MIB OIDs

### connectionLimitingMaximumUserConnections

.1.3.6.1.4.1.8744.5.18.1.1.1 *read-write*

Specifies the maximum number of simultaneous connections allowed for a specific user. If this amount of connections is reached, no other connections will be allowed for user and a trap is generated.

### connectionLimitingNotificationEnabled

.1.3.6.1.4.1.8744.5.18.1.1.2 *read-write*

Specifies if connectionLimitingMaximumUserConnectionsReached notifications are generated.

### connectionLimitingMaximumSystemConnections

.1.3.6.1.4.1.8744.5.18.1.2.1 *read-only*

Indicates the maximum number of simultaneous connections that are supported by the device. This is calculated based on the device type and available memory.

### connectionLimitingUserMACAddress

.1.3.6.1.4.1.8744.5.18.1.2.2 *accessible-for-notify*

Specifies the MAC address of the user that has reached the maximum number of connections.

### connectionLimitingUserIPAddress

.1.3.6.1.4.1.8744.5.18.1.2.3 *accessible-for-notify*

Specifies the IP address of the user that has reached the maximum number of connections.

## COLUBRIS-CONNECTION-LIMITING-MIB Traps

### connectionLimitingMaximumUserConnectionsReached

.1.3.6.1.4.1.8744.5.18.2.0.1

Sent when a user has reached their maximum number of connections.

**Parameters:** connectionLimitingMaximumUserConnections,connectionLimitingUserMACAddress,connectionLimitingUserIPAddress.

---

## HP-WLAN-SFLOW-EXTENSIONS-MIB

This MIB module contains the definitions of Managed Objects for HP ProCurve extensions to sFlow.

## HP-WLAN-SFLOW-EXTENSIONS-MIB OIDs

### hpWlanSFlowRcvrTable

.1.3.6.1.4.1.11.2.14.11.6.4.2.1.4 *not-accessible*

This table supplements the sFlow receivers table.

- hpWlanSFlowRcvrEntry

.1.3.6.1.4.1.11.2.14.11.6.4.2.1.4.1 *not-accessible*

Attributes of an sFlow Receiver.

- **hpWlanSFlowRcvr80211ToEthernet**  
.1.3.6.1.4.1.11.2.14.11.6.4.2.1.4.1.1 *read-write*

This setting allows a receiver to support sFlow management applications that don't implement the 802.11 extension for sFlow version 5.

When set to a value other than 'unchanged,' all of the 802.11 traffic frames that are sampled through this sFlow receiver instance will be converted to appear as Ethernet frames. Also, the interface counters sent through this sFlow receiver will not contain any 802.11-specific counters.

When set to convertToEthernetII(1), the 802.11 traffic sampled through this receiver will appear as Ethernet II traffic.

## COLUBRIS-CLIENT-TRACKING-MIB

The Client Tracking MIB regroups the controls and traps sent by an HP AP upon detection of an association/authentication of a user. This MIB has various effects and capabilities depending on the product.

### COLUBRIS-CLIENT-TRACKING-MIB OIDs

#### **clientTrackingSuccessfulAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.1 *read-write*

Specifies if clientTrackingSuccessfulAssociation notifications are generated.

#### **clientTrackingAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.2 *read-write*

Specifies if clientTrackingAssociationFailure notifications are generated.

#### **clientTrackingSuccessfulReAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.3 *read-write*

Specifies if clientTrackingSuccessfulReAssociation notifications are generated.

#### **clientTrackingReAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.4 *read-write*

Specifies if clientTrackingReAssociationFailure notifications are generated.

#### **clientTrackingSuccessfulAuthenticationNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.5 *read-write*

Specifies if clientTrackingSuccessfulAuthentication notifications are generated.

#### **clientTrackingAuthenticationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.6 *read-write*

Specifies if clientTrackingAuthenticationFailure notifications are generated.

#### **clientTrackingSuccessfulDisAssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.7 *read-write*

Specifies if clientTrackingSuccessfulDisAssociation notifications are generated.

**clientTrackingDisAssociationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.8 *read-write*

Specifies if clientTrackingDisAssociationFailure notifications are generated.

**clientTrackingSuccessfulDeAuthenticationNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.9 *read-write*

Specifies if clientTrackingSuccessfulDeAuthentication notifications are generated.

**clientTrackingDeAuthenticationFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.19.1.1.10 *read-write*

Specifies if clientTrackingDeAuthenticationFailure notifications are generated.

**clientTrackingEventInformation**

.1.3.6.1.4.1.8744.5.19.1.2.1 *accessible-for-notify*

Gives a detailed description of an event in the system.

## COLUBRIS-CLIENT-TRACKING-MIB Traps

**clientTrackingSuccessfulAssociation**

.1.3.6.1.4.1.8744.5.19.2.0.1

Sent when a user is successfully associated with the AP.

**Parameters:** clientTrackingEventInformation.

**clientTrackingAssociationFailure**

.1.3.6.1.4.1.8744.5.19.2.0.2

Sent when a user has failed to associate with the AP.

**Parameters:** clientTrackingEventInformation.

**clientTrackingSuccessfulReAssociation**

.1.3.6.1.4.1.8744.5.19.2.0.3

Sent when a user is successfully reassociated with the AP.

**Parameters:** clientTrackingEventInformation.

**clientTrackingReAssociationFailure**

.1.3.6.1.4.1.8744.5.19.2.0.4

Sent when a user has failed to reassociate with the AP.

**Parameters:** clientTrackingEventInformation.

**clientTrackingSuccessfulAuthentication**

.1.3.6.1.4.1.8744.5.19.2.0.5

Sent when a user is successfully authenticated.

**Parameters:** clientTrackingEventInformation.

**clientTrackingAuthenticationFailure**

.1.3.6.1.4.1.8744.5.19.2.0.6

Sent when a user has failed to authenticate.

**Parameters:** clientTrackingEventInformation.

### **clientTrackingSuccessfulDisAssociation**

.1.3.6.1.4.1.8744.5.19.2.0.7

Sent when a user is successfully disassociated from the AP.

**Parameters:** clientTrackingEventInformation.

### **clientTrackingDisAssociationFailure**

.1.3.6.1.4.1.8744.5.19.2.0.8

Sent when a user has failed to disassociate from the AP.

**Parameters:** clientTrackingEventInformation.

### **clientTrackingSuccessfulDeAuthentication**

.1.3.6.1.4.1.8744.5.19.2.0.9

Sent when a user is successfully deauthenticated.

**Parameters:** clientTrackingEventInformation.

### **clientTrackingDeAuthenticationFailure**

.1.3.6.1.4.1.8744.5.19.2.0.10

Sent when a user has failed to deauthenticate.

**Parameters:** clientTrackingEventInformation.

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## **HP-WLAN-NEIGHBORHOOD-MIB**

This MIB is used to configure and display information about the Intrusion Detection System and the Radio Resource Management within an HP wireless controller.

### **HP-WLAN-NEIGHBORHOOD-MIB OIDs**

#### **hpWlanNeighborhoodRrmAutoApplyPlansEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.1 *read-write*

Indicates whether the Radio Resource Management system automatically applies the auto-channel and auto-power plans.

#### **hpWlanNeighborhoodRrmAutoChannelEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.2 *read-write*

Indicates whether the auto-channel feature is enabled.

#### **hpWlanNeighborhoodRrmAutoPowerEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.3 *read-write*

Indicates whether the auto-power feature is enabled.

#### **hpWlanNeighborhoodRrmAnalysisPeriodicity**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.4 *read-write*

Specifies how often RRM analysis is run.

#### **hpWlanNeighborhoodRrmAnalysisTimeOfDay**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.5 *read-write*

When the Radio Resource Management is run daily, this defines the time of the day when it is run.

### **hpWlanNeighborhoodRrmAnalysisDayOfWeek**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.6 *read-write*

When the Radio Resource Management is run weekly, this defines the day of the week when it is run.

### **hpWlanNeighborhoodRrmAnalysisDayOfMonth**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.1.7 *read-write*

When the Radio Resource Management is run monthly, this defines the day of the month when it is run. For months that have fewer days than the day selected, the system will choose the last day of the month. For example, if hpWlanNeighborhoodRrmAnalysisDayOfMonth is set to 31 and the current month is April, the analysis shall be run on April 30th. If the month is February on a regular year, the analysis shall be run on the 28th, and if it is a leap year it shall be run on the 29th.

### **hpWlanNeighborhoodRrmBaselineTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2 *not-accessible*

Status of the Radio Resource Management system's radio map baselines.

- **hpWlanNeighborhoodRrmBaselineEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1 *not-accessible*  
An entry in the hpWlanNeighborhoodRrmBaselineTable.
- **hpWlanNeighborhoodRrmBaselineIndex**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1.1 *not-accessible*  
Specifies the slot to which a Radio Resource Management radio map baseline belongs.
- **hpWlanNeighborhoodRrmBaselineName**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1.2 *read-write*  
Specifies the name of a Radio Resource Management radio map baseline.
- **hpWlanNeighborhoodRrmBaselineDescription**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1.3 *read-write*  
Specifies the description of a Radio Resource Management radio map baseline.
- **hpWlanNeighborhoodRrmBaselineApplied**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1.4 *read-write*  
Indicates whether the baseline is currently applied.
- **hpWlanNeighborhoodRrmBaselineLastAppliedTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.2.1.5 *read-only*  
Timestamp for the last time a baseline was applied. A special value of 0 indicates that the baseline was never applied.

### **hpWlanNeighborhoodIdsEnabled**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.1.3 *read-write*

Indicates whether the Intrusion Detection System is enabled.

### **hpWlanNeighborhoodRrmTotalRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.1 *read-only*

Indicates the total number of radios managed by the Radio Resource Management system.

### **hpWlanNeighborhooRrmEnabledRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.2 *read-only*

Indicates the number of enabled radios managed by the Radio Resource Management system.

### **hpWlanNeighborhooRrmConfigChangedRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.3 *read-only*

Indicates the number of radios managed by the Radio Resource Management system for which there is a difference between the current and planned configuration (transmitting power and/or operating channel).

### **hpWlanNeighborhooRrmDfsChannelChangedRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.4 *read-only*

Indicates the number of radios managed by the Radio Resource Management system which detected a radar signal and performed a channel change for DFS reasons.

### **hpWlanNeighborhooRrmNewRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.5 *read-only*

Indicates the number of radios managed by the Radio Resource Management (RRM) system which are new since the last RRM analysis was run.

### **hpWlanNeighborhooRrmDisabledRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.6 *read-only*

Indicates the number of radios managed by the Radio Resource Management (RRM) system which have been disabled since the last RRM analysis was run.

### **hpWlanNeighborhooRrmMissingNeighborRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.7 *read-only*

Indicates the number of non-controlled neighbor radios managed by the Radio Resource Management system which are missing from the current network map in comparison to the last applied persistent baseline network map.

### **hpWlanNeighborhooRrmNewNeighborRadiosNumber**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.1.8 *read-only*

Indicates the number of non-controlled neighbor radios managed by the Radio Resource Management system which are new to the current network map in comparison to the last applied persistent baseline network map.

### **hpWlanNeighborhooControlledApTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2 *not-accessible*

Statistics for each controlled access point discovered by a controller.

- **hpWlanNeighborhooControlledApEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2.1 *not-accessible*  
An entry in the hpWlanNeighborhooControlledApTable.
- **hpWlanNeighborhooControlledApRadiosScanningNumber**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2.1.1 *read-only*  
Indicates the number of radios within a controlled access point which are scanning as part of the Intrusion Detection System.

- **hpWlanNeighborhoodControlledApTotalRadiosNumber**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2.1.2 *read-only*  
Indicates the total number of radios within a controlled access point.
- **hpWlanNeighborhoodControlledApAverageDetectionTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2.1.3 *read-only*  
Indicates the average time (in seconds) it takes the radios of a controlled access point to detect a rogue access point.
- **hpWlanNeighborhoodControlledApMaximumDetectionTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.2.1.4 *read-only*  
Indicates the maximum time (in seconds) it takes the radios of a controlled access point to detect a rogue access point.

### **hpWlanNeighborhoodRadioMapTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3 *not-accessible*

Statistics for each radio that has been discovered by the controller.

- **hpWlanNeighborhoodRadioMapEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1 *not-accessible*  
An entry in the hpWlanNeighborhood.
- **hpWlanNeighborhoodRadioMapBaseBssid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.1 *read-only*  
Indicates the Base Basic Service Set Identifier assigned to the radio.
- **hpWlanNeighborhoodRadioMapBand**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.2 *read-only*  
Indicates the wireless operating band for the radio (e.g. 2.4Ghz, 5Ghz).
- **hpWlanNeighborhoodRadioMapPrimaryChannel**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.3 *read-only*  
Indicates the primary channel used by the radio.
- **hpWlanNeighborhoodRadioMapSecondaryChannel**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.4 *read-only*  
Indicates the secondary channel used by the radio for channel bonding when providing service in a 40MHz wide channel.
- **hpWlanNeighborhoodRadioMapTrafficShapingMode**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.5 *read-write*  
Sets the mode in which the radio's traffic shaping feature is set to operate.
- **hpWlanNeighborhoodRadioMapLastActiveTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.3.1.6 *read-only*  
Timestamp for the most recent date and time that a radio was known to be active in the RF environment. This corresponds to the date and time that a beacon frame was transmitted by a controlled access point, or to the date and time a beacon from the radio was received by a controlled access point.



## hpWlanNeighborhooodNeighborTable

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4 *not-accessible*

Statistics for each neighbor access point (AP) detected by a discovered AP's radio.

- hpWlanNeighborhooodNeighborEntry  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1 *not-accessible*  
An entry in the hpWlanNeighborhooodNeighborTable.
- hpWlanNeighborhooodNeighborBaseBssid  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.1 *not-accessible*  
Indicates the Base Basic Service Set Identifier of the neighbor access point as detected by an observing radio.
- hpWlanNeighborhooodNeighborMaskSize  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.2 *read-only*  
Indicates the mask size of a neighbor access point as detected by an observing radio. Set to 0 if unknown.
- hpWlanNeighborhooodNeighborSignalStrength  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.3 *read-only*  
Indicates the signal strength of the neighbor access point as detected by the observing radio.
- hpWlanNeighborhooodNeighborNoiseStrength  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.4 *read-only*  
Indicates the noise level in the channel on which the neighbor access point was detected by the observing radio.
- hpWlanNeighborhooodNeighborPrimaryChannel  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.5 *read-only*  
Indicates the primary wireless operating channel for the neighbor access point as detected by the observing radio.
- hpWlanNeighborhooodNeighborSecondaryChannel  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.6 *read-only*  
Indicates the secondary wireless operating channel for the neighbor access point as detected by the observing radio. Such a secondary channel would be in use by neighbors using channel bonding when to provide service in a 40MHz wide channel.
- hpWlanNeighborhooodNeighborHtCapability  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.7 *read-only*  
Returns true if the neighbor access point is capable of high-throughput 40 Mhz channel use, as detected by the observing radio. Returns false if the neighbor access point is known to be incapable. Otherwise, returns unknown.
- hpWlanNeighborhooodNeighborLastSeenTime  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.4.1.8 *read-only*  
Timestamp for the last time an access point was seen by the observing radio.

## hpWlanNeighborhooodClassifiedApTable

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.5 *not-accessible*

Statistics for each classified access point (AP) detected by a discovered AP's radio.

- **hpWlanNeighborhoodClassifiedApEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.5.1 *not-accessible*  
An entry in the hpWlanNeighborhoodClassifiedApTable.
- **hpWlanNeighborhoodClassifiedApClassification**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.5.1.1 *read-write*  
Intrusion Detection System classification for the neighbor access point.

### **hpWlanNeighborhoodAdHocCellTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6 *not-accessible*

Statistics for each ad-hoc cell detected by a discovered access point's radio.

- **hpWlanNeighborhoodAdHocCellEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1 *not-accessible*  
An entry in the hpWlanNeighborhoodAdHocCellTable.
- **hpWlanNeighborhoodAdHocCellBaseBssid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.1 *not-accessible*  
Indicates the Base Basic Service Set Identifier of an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellSsid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.2 *read-only*  
Indicates the Service Set Identifier of an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellChannel**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.3 *read-only*  
Indicates the operating channel of an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellStationsNumber**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.4 *read-only*  
Indicates the total number of stations in an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellAuthorizedStationsNumber**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.5 *read-only*  
Indicates the number of authorized stations in an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellSecurity**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.6 *read-only*  
Indicates the wireless security in an ad-hoc cell as detected by an observing radio.
- **hpWlanNeighborhoodAdHocCellLastSeenTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.6.1.7 *read-only*  
Indicates the timestamp for the last time an ad-hoc cell was seen by an observing radio.

### **hpWlanNeighborhoodNetworkTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7 *not-accessible*

Statistics for each wireless network detected by a discovered AP's radio.

- **hpWlanNeighborhoodNetworkEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7.1 *not-accessible*  
An entry in the hpWlanNeighborhoodNetworkTable.
- **hpWlanNeighborhoodNetworkBssid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7.1.1 *not-accessible*  
Basic Service Set Identifier of a wireless network as detected by an observing radio.
- **hpWlanNeighborhoodNetworkSsid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7.1.2 *read-only*  
Indicates the Service Set Identifier of a wireless network as detected by an observing radio.
- **hpWlanNeighborhoodNetworkDetectedSecurity**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7.1.3 *read-only*  
Indicates the security used by a wireless network as detected by an observing radio.
- **hpWlanNeighborhoodNetworkDetectedAuthentication**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.7.1.4 *read-only*  
Indicates the type of authentication used by a wireless network as detected by an observing radio.

### **hpWlanNeighborhoodMisAssociatedStationTable**

.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8 *not-accessible*

Statistics for each mis-associated station detected by a discovered access point's radio.

- **hpWlanNeighborhoodMisAssociatedStationEntry**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1 *not-accessible*  
An entry in the hpWlanNeighborhoodMisAssociatedStationTable.
- **hpWlanNeighborhoodMisAssociatedStationMac**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.1 *not-accessible*  
Indicates the MAC address of a mis-associated client station as detected by the Intrusion Detection System.
- **hpWlanNeighborhoodMisAssociatedStationAssociationType**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.2 *read-only*  
Indicates the association type of a mis-associated client station as detected by the Intrusion Detection System.
- **hpWlanNeighborhoodMisAssociatedStationBssOrCellId**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.3 *read-only*  
Indicates the Basic Service Set ID or Cell ID to which a mis-associated client station belongs, as detected by the Intrusion Detection System.
- **hpWlanNeighborhoodMisAssociatedStationSsid**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.4 *read-only*  
Indicates the Service Set ID to which a mis-associated client station belongs, as detected by the Intrusion Detection System.

- **hpWlanNeighborhoodMisAssociatedStationChannel**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.5 *read-only*  
Indicates the operating channel of a mis-associated client station as detected by the Intrusion Detection System.
- **hpWlanNeighborhoodMisAssociatedStationHtCapability**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.6 *read-only*  
Returns true if a mis-associated client station is capable of high-throughput 40Mhz channel use, as detected by the Intrusion Detection System. Returns false if the client is known to be incapable. Otherwise, returns unknown.  
Otherwise, returns unknown.
- **hpWlanNeighborhoodMisAssociatedStationLastSeenTime**  
.1.3.6.1.4.1.11.2.14.11.6.4.3.1.2.8.1.7 *read-only*  
Indicates the timestamp for the last time a mis-associated client station was seen by the Intrusion Detection System.

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## COLUBRIS-802DOT11-MIB

This MIB is a customized version of the standard 802.11 for HP devices. Additional information has been added beyond what is available in the standard MIB. Not all objects are supported by the M111. These are noted in the file.

### COLUBRIS-802DOT11-MIB OIDs

#### coDot11AccessPointConfigTable

.1.3.6.1.4.1.8744.5.4.1.1 *not-accessible*

WLAN profile configuration attributes. In tabular form to allow for multiple instances on an agent. Not supported on the M111.

- **coDot11AccessPointConfigEntry**  
.1.3.6.1.4.1.8744.5.4.1.1.1 *not-accessible*  
An entry in the coDot11AccessPointConfigTable. ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex. coVirtualWlanProfileIndex - Uniquely access a profile for this particular 802.11 interface.
- **coDot11RelayBetweenStation**  
.1.3.6.1.4.1.8744.5.4.1.1.1.1 *read-write*  
Specifies if wireless client stations can exchange data with one another.
- **coDot11BeaconPeriod**  
.1.3.6.1.4.1.8744.5.4.1.1.1.2 *read-only*  
Indicates the number of TUs that a station uses for scheduling Beacon transmissions. This value is transmitted in Beacon and Probe Response frames.

- **coDot11DTIMPeriod**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.3 *read-write*

Specifies the number of beacon intervals that elapse between transmission of Beacons frames containing a TIM element whose DTIM Count field is 0. This value is transmitted in the DTIM Period field of Beacon frames. Client stations use the DTIM to wake up from low-power mode to receive multicast traffic.
- **coDot11PrivacyOptionImplemented**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.4 *read-only*

Indicates if the IEEE 802.11 WEP option is enabled.
- **coDot11RSNAOptionImplemented**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.5 *read-only*

Indicates if the profile is RSNA-capable.
- **coDot11NumberOfUsers**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.6 *read-only*

Indicates the number of users connected via this profile.
- **coDot11AddToAssociationNotification**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.7 *read-write*

Specifies if an association trap notification is sent each time a user connects to this profile.
- **coDot11PhyTxPowerAdminLevel**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.8 *read-write*

Specifies the transmission power of the radio.
- **coDot11PhyTxPowerOperLevel**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.9 *read-only*

Indicates the transmission power of the radio.
- **coDot11CurrentSNRLevel**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.10 *read-only*

Average SNR level for all the connected client stations.
- **coDot11BSSID**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.11 *read-only*

MAC Address assigned to this device.
- **coDot11AdminMinimumDataRate**  
 .1.3.6.1.4.1.8744.5.4.1.1.1.12 *read-write*

Specifies the minimum transmission rate that clients stations must meet in order to connect with this profile. Client stations that are below this setting will not be able to connect.

The value of this object must always be less or equal than the value of **coDot11MaximumDataRate**.

Allowed values will change according to the state of the radio's wireless mode (**coDot11CurrentOperPHYType**).

ieee802dot11b: Lowest, 1, 2, 5.5, 11 Mbps  
 ieee802dot11a: Lowest, 6, 9, 12, 18, 24, 36, 48, 54 Mbps

ieee802dot11g: Lowest, 6, 9, 12, 18, 24, 36, 48, 54 Mbps

11bAndg: All rates permitted.

- **coDot11AdminMaximumDataRate**  
.1.3.6.1.4.1.8744.5.4.1.1.1.13 *read-write*

Specifies the maximum transmission rate that clients stations must respect to connect with this profile. Clients stations that attempt to associate at a higher data rate will be refused.

The value of this object must always be greater than the value of **coDot11MinimumDataRate**.

Allowed values will change according to the state of the radio's wireless mode (**coDot11CurrentOperPHYType**).

ieee802dot11b: 1, 2, 5.5, 11Mbps, highest

ieee802dot11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps, highest

ieee802dot11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps, highest

11bAndg: All rates permitted.

- **coDot11HighThroughputOptionImplemented**  
.1.3.6.1.4.1.8744.5.4.1.1.1.14 *read-only*

Indicates if the profile is 802.11n capable.

### **coDot11AuthenticationAlgorithmsTable**

.1.3.6.1.4.1.8744.5.4.1.2 *not-accessible*

This (conceptual) table of attributes is a set of all the authentication algorithms supported by the stations. The following are the default values and the associated algorithm: Value = 1: Open System Value = 2: Shared Key

- **coDot11AuthenticationAlgorithmsEntry**  
.1.3.6.1.4.1.8744.5.4.1.2.1 *not-accessible*

An Entry (conceptual row) in the Authentication Algorithms Table.

**ifIndex** - Each 802.11 interface is represented by an **ifEntry**. Interface tables in this MIB module are indexed by **ifIndex**.

**coDot11AuthenticationAlgorithmsIndex** - Uniquely identify an algorithm in the table.

- **coDot11AuthenticationAlgorithmsIndex**  
.1.3.6.1.4.1.8744.5.4.1.2.1.1 *not-accessible*

The auxiliary variable used to identify instances of the columnar objects in the Authentication Algorithms Table.

- **coDot11AuthenticationAlgorithm**  
.1.3.6.1.4.1.8744.5.4.1.2.1.2 *read-only*

Identifies all the authentication algorithms supported by the STAs. The following are the default values and the their associated algorithms.

Value = 1: Open System

Value = 2: Shared Key

- coDot11AuthenticationAlgorithmsEnable  
.1.3.6.1.4.1.8744.5.4.1.2.1.3 *read-only*

This attribute, when true at a station, enables the acceptance of the authentication algorithm described in the corresponding table entry in authentication frames received by the station that have odd authentication sequence numbers. The default value of this attribute is 'true' for the Open System table entry and 'false' for all other table entries.

### coDot11WEPDefaultKeysTable

.1.3.6.1.4.1.8744.5.4.1.3 *not-accessible*

Conceptual table for WEP default keys. This table contains the four WEP default secret key values corresponding to the four possible KeyID values. The WEP default secret keys are logically WRITE-ONLY. Attempts to read the entries in this table will return unsuccessful status and values of null or zero. The default value of each WEP default key is null. This table is not supported on the M111.

- coDot11WEPDefaultKeysEntry  
.1.3.6.1.4.1.8744.5.4.1.3.1 *not-accessible*

An Entry (conceptual row) in the WEP Default Keys Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coVirtualWlanProfileIndex - Uniquely access a profile for this particular 802.11 interface.

- coDot11WEPDefaultKey1Value  
.1.3.6.1.4.1.8744.5.4.1.3.1.1 *read-write*

A WEP default secret key1 value. Reading this attribute will always return a Zero-Length string.

- coDot11WEPDefaultKey2Value  
.1.3.6.1.4.1.8744.5.4.1.3.1.2 *read-write*

A WEP default secret key2 value. Reading this attribute will always return a Zero-Length string.

- coDot11WEPDefaultKey3Value  
.1.3.6.1.4.1.8744.5.4.1.3.1.3 *read-write*

A WEP default secret key3 value. Reading this attribute will always return a Zero-Length string.

- coDot11WEPDefaultKey4Value  
.1.3.6.1.4.1.8744.5.4.1.3.1.4 *read-write*

A WEP default secret key4 value. Reading this attribute will always return a Zero-Length string.

### coDot11PrivacyTable

.1.3.6.1.4.1.8744.5.4.1.4 *not-accessible*

Group containing attributes related to IEEE 802.11 Privacy. In tabular form to allow multiple instances on an agent. This table is not supported on the M111.

- coDot11PrivacyEntry  
.1.3.6.1.4.1.8744.5.4.1.4.1 *not-accessible*

An entry in the coDot11PrivacyTable Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coVirtualWlanProfileIndex - Uniquely access a profile for this particular 802.11 interface.

- **coDot11PrivacyInvoked**  
.1.3.6.1.4.1.8744.5.4.1.4.1.1 *read-only*  
When this attribute is TRUE, it indicates that some level of security is invoked for transmitting frames of type Data. For IEEE 802.11-1999 clients, the security mechanism used is WEP. For RSNA-capable clients, an additional variable coDot11RSNAEnabled indicates whether RSNA is enabled. If coDot11RSNAEnabled is FALSE or the MIB variable does not exist, the security mechanism invoked is WEP; if coDot11RSNAEnabled is TRUE, RSNA security mechanisms invoked are configured in the coDot11RSNAConfigTable. The default value of this attribute is FALSE.
- **coDot11WEPDefaultKeyID**  
.1.3.6.1.4.1.8744.5.4.1.4.1.2 *read-write*  
This attribute indicates the use of the first, second, third, or fourth element of the WEPDefaultKeys array when set to values of zero, one, two, or three. The default value of this attribute is 0.
- **coDot11ExcludeUnencrypted**  
.1.3.6.1.4.1.8744.5.4.1.4.1.3 *read-only*  
When this attribute is true, the STA does not indicate at the MAC service interface received MSDUs that have the WEP subfield of the Frame Control field equal to zero. When this attribute is false, the STA may accept MSDUs that have the WEP subfield of the Frame Control field equal to zero. The default value of this attribute is true.
- **coDot11WEPICVErrorCount**  
.1.3.6.1.4.1.8744.5.4.1.4.1.4 *read-only*  
This counter increments when a frame is received with the WEP subfield of the Frame Control field set to one and the value of the ICV as received in the frame does not match the ICV value that is calculated for the contents of the received frame. ICV errors for TKIP are not counted in this variable but in coDot11RSNAStatsTKIPICVErrors.
- **coDot11WEPExcludedCount**  
.1.3.6.1.4.1.8744.5.4.1.4.1.5 *read-only*  
This counter increments when a frame is received with the WEP subfield of the Frame Control field set to zero and the value of coDot11ExcludeUnencrypted causes that frame to be discarded.
- **coDot11RSNAEnabled**  
.1.3.6.1.4.1.8744.5.4.1.4.1.6 *read-only*  
Indicates if RSNA is enabled, which means that the RSN Information Element is advertised in Beacons and Probe Responses. This object requires that coDot11PrivacyInvoked also be set to TRUE.

### **coDot11AssociationTable**

.1.3.6.1.4.1.8744.5.4.1.5 *not-accessible*

Group containing attributes related to associated stations. In tabular form to allow multiple instances on an agent. This table is not supported on the M111.

- **coDot11AssociationEntry**  
.1.3.6.1.4.1.8744.5.4.1.5.1 *not-accessible*  
An entry in the coDot11Association Table.



ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coDot11AssociationIndex - Uniquely identify a device inside the association table.

- coDot11AssociationIndex  
.1.3.6.1.4.1.8744.5.4.1.5.1.1 *not-accessible*  
The auxiliary variable used to identify instances of the columnar objects in the Association Table.
- coDot11StationMACAddress  
.1.3.6.1.4.1.8744.5.4.1.5.1.2 *read-only*  
Unique MAC Address assigned to the device.
- coDot11StationConnectTime  
.1.3.6.1.4.1.8744.5.4.1.5.1.3 *read-only*  
Elapsed time in seconds since a station has associated to this device.
- coDot11SignalLevel  
.1.3.6.1.4.1.8744.5.4.1.5.1.4 *read-only*  
Strength of the wireless signal.
- coDot11NoiseLevel  
.1.3.6.1.4.1.8744.5.4.1.5.1.5 *read-only*  
Level of local background noise.
- coDot11SNR  
.1.3.6.1.4.1.8744.5.4.1.5.1.6 *read-only*  
Relative strength of the signal level compared to the noise level.
- coDot11PktsRate1  
.1.3.6.1.4.1.8744.5.4.1.5.1.7 *read-only*  
Number of frames received at 1 Mbps.
- coDot11PktsRate2  
.1.3.6.1.4.1.8744.5.4.1.5.1.8 *read-only*  
Number of frames received at 2 Mbps.
- coDot11PktsRate5dot5  
.1.3.6.1.4.1.8744.5.4.1.5.1.9 *read-only*  
Number of frames received at 5.5 Mbps.
- coDot11PktsRate11  
.1.3.6.1.4.1.8744.5.4.1.5.1.10 *read-only*  
Number of frames received at 11 Mbps.
- coDot11PktsRate6  
.1.3.6.1.4.1.8744.5.4.1.5.1.11 *read-only*  
Number of frames received at 6 Mbps.
- coDot11PktsRate9  
.1.3.6.1.4.1.8744.5.4.1.5.1.12 *read-only*  
Number of frames received at 9 Mbps.

- **coDot11PktsRate12**  
.1.3.6.1.4.1.8744.5.4.1.5.1.13 *read-only*  
Number of frames received at 12 Mbps.
- **coDot11PktsRate18**  
.1.3.6.1.4.1.8744.5.4.1.5.1.14 *read-only*  
Number of frames received at 18 Mbps.
- **coDot11PktsRate24**  
.1.3.6.1.4.1.8744.5.4.1.5.1.15 *read-only*  
Number of frames received at 24 Mbps.
- **coDot11PktsRate36**  
.1.3.6.1.4.1.8744.5.4.1.5.1.16 *read-only*  
Number of frames received at 36 Mbps.
- **coDot11PktsRate48**  
.1.3.6.1.4.1.8744.5.4.1.5.1.17 *read-only*  
Number of frames received at 48 Mbps.
- **coDot11PktsRate54**  
.1.3.6.1.4.1.8744.5.4.1.5.1.18 *read-only*  
Number of frames received at 54 Mbps.
- **coDot11TransmitRate**  
.1.3.6.1.4.1.8744.5.4.1.5.1.19 *read-only*  
Current transmit rate of a station.
- **coDot11ReceiveRate**  
.1.3.6.1.4.1.8744.5.4.1.5.1.20 *read-only*  
Current receive rate of a station.
- **coDot11InPkts**  
.1.3.6.1.4.1.8744.5.4.1.5.1.21 *read-only*  
Number of packets received from the station after the association.
- **coDot11OutPkts**  
.1.3.6.1.4.1.8744.5.4.1.5.1.22 *read-only*  
Number of packets send to the station after the association.
- **coDot11InOctets**  
.1.3.6.1.4.1.8744.5.4.1.5.1.23 *read-only*  
Number of octets received from the station after the association.
- **coDot11OutOctets**  
.1.3.6.1.4.1.8744.5.4.1.5.1.24 *read-only*  
Number of octets send to the station after the association.
- **coDot11StationSSID**  
.1.3.6.1.4.1.8744.5.4.1.5.1.25 *read-only*  
SSID of the associated station.

- **coDot11StationName**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.26 *read-only*  
 Name of the associated station.
- **coDot11StationIPAddress**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.27 *read-only*  
 IP address of the associated station.
- **coDot11StationVLAN**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.28 *read-only*  
 VLAN ID of the associated station. This object is always available on autonomous APs. However, on access-controller APs, this object is only available under certain conditions, when the client station is connected to a profile that is not access-controlled.
- **coDot11StationLocalInterface**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.29 *read-only*  
 Specifies the Local Interface where the associated station traffic will be forwarded to.
- **coDot11StaHT**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.30 *read-only*  
 Indicates that the associated station is HT.
- **coDot11StaEncryptionType**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.31 *read-only*  
 Indicates the encryption type used by the wireless station.
- **coDot11PktsTxRate1**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.32 *read-only*  
 Number of frames transmitted at 1 Mbps.
- **coDot11PktsTxRate2**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.33 *read-only*  
 Number of frames transmitted at 2 Mbps.
- **coDot11PktsTxRate5dot5**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.34 *read-only*  
 Number of frames transmitted at 5.5 Mbps.
- **coDot11PktsTxRate11**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.35 *read-only*  
 Number of frames transmitted at 11 Mbps.
- **coDot11PktsTxRate6**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.36 *read-only*  
 Number of frames transmitted at 6 Mbps.
- **coDot11PktsTxRate9**  
 .1.3.6.1.4.1.8744.5.4.1.5.1.37 *read-only*  
 Number of frames transmitted at 9 Mbps.

- **coDot11PktsTxRate12**  
.1.3.6.1.4.1.8744.5.4.1.5.1.38 *read-only*  
Number of frames transmitted at 12 Mbps.
- **coDot11PktsTxRate18**  
.1.3.6.1.4.1.8744.5.4.1.5.1.39 *read-only*  
Number of frames transmitted at 18 Mbps.
- **coDot11PktsTxRate24**  
.1.3.6.1.4.1.8744.5.4.1.5.1.40 *read-only*  
Number of frames transmitted at 24 Mbps.
- **coDot11PktsTxRate36**  
.1.3.6.1.4.1.8744.5.4.1.5.1.41 *read-only*  
Number of frames transmitted at 36 Mbps.
- **coDot11PktsTxRate48**  
.1.3.6.1.4.1.8744.5.4.1.5.1.42 *read-only*  
Number of frames transmitted at 48 Mbps.
- **coDot11PktsTxRate54**  
.1.3.6.1.4.1.8744.5.4.1.5.1.43 *read-only*  
Number of frames transmitted at 54 Mbps.
- **coDot11LegacyRates**  
.1.3.6.1.4.1.8744.5.4.1.5.1.44 *read-only*  
Legacy rates negotiated during the association.
- **coDot11QOSLevel**  
.1.3.6.1.4.1.8744.5.4.1.5.1.45 *read-only*  
QOS level assigned by a RADIUS server.
- **coDot11NbRetries**  
.1.3.6.1.4.1.8744.5.4.1.5.1.46 *read-only*  
Number of retries performed during this association.

### **coDot11WDSPortTable**

.1.3.6.1.4.1.8744.5.4.1.6 *not-accessible*

Conceptual table for the local mesh links. This table contains the six local mesh MAC address. This table is not supported on the M111.

- **coDot11WDSPortEntry**  
.1.3.6.1.4.1.8744.5.4.1.6.1 *not-accessible*  
An Entry (conceptual row) in the WDS Port Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.  
coDot11WDSPortIndex - Uniquely identify a local mesh link inside the local mesh table.
- **coDot11WDSPortIndex**  
.1.3.6.1.4.1.8744.5.4.1.6.1.1 *not-accessible*  
The auxiliary variable used to identify instances of local mesh links.

- **coDot11WDSPortMacAddress**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.2 *read-write*  
 MAC address of the remote device on the other side of the local mesh link.
- **coDot11WDSPortCurrentRate**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.3 *read-only*  
 Current rate of the local mesh link.
- **coDot11WDSPortSNRLevel**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.4 *read-only*  
 Relative strength of the signal level compared to the noise level.
- **coDot11WDSPortTxPackets**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.5 *read-only*  
 Number of packets transmitted on this local mesh link.
- **coDot11WDSPortTxDropped**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.6 *read-only*  
 Number of packets that could not be transmitted on this local mesh link.
- **coDot11WDSPortTxErrors**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.7 *read-only*  
 Number of packets that could not be sent due to the following reasons: Rx retry limit exceeded or Tx discarded because of wrong SA.
- **coDot11WDSPortRxPackets**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.8 *read-only*  
 Number of packets received on this local mesh link.
- **coDot11WDSPortRxDropped**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.9 *read-only*  
 Number of packets that were dropped on this local mesh link due to a lack of resources.
- **coDot11WDSPortRxErrors**  
 .1.3.6.1.4.1.8744.5.4.1.6.1.10 *read-only*  
 Number of packets that could not be received due to the following reasons: Rx discards WEP excluded, Rx discards WEP ICV error, Rx MSG in bad MSG fragments, Rx MSG in MSG fragments Rx WEP undecryptable, Rx FCS errors.

### **coDot11ScanTable**

.1.3.6.1.4.1.8744.5.4.1.7 *not-accessible*

Conceptual table for the AP scanning results. In tabular form to allow multiple instances on an agent. This table is not supported on the WCB-200.

- **coDot11ScanEntry**  
 .1.3.6.1.4.1.8744.5.4.1.7.1 *not-accessible*  
 An Entry (conceptual row) in the AP scan Table.  
 ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.  
 coDot11ScanIndex - Uniquely identify an AP in the scan Table.

- **coDot11ScanIndex**  
.1.3.6.1.4.1.8744.5.4.1.7.1.1 *not-accessible*  
The auxiliary variable used to identify instances of AP in the scan table.
- **coDot11ScanMacAddress**  
.1.3.6.1.4.1.8744.5.4.1.7.1.2 *read-only*  
The wireless MAC address of the remote device.
- **coDot11ScanChannel**  
.1.3.6.1.4.1.8744.5.4.1.7.1.3 *read-only*  
The operating frequency channel of the remote device.
- **coDot11ScanSSID**  
.1.3.6.1.4.1.8744.5.4.1.7.1.4 *read-only*  
The Service Set ID broadcast by the remote device.
- **coDot11ScanSignalLevel**  
.1.3.6.1.4.1.8744.5.4.1.7.1.5 *read-only*  
Strength of the wireless signal.
- **coDot11ScanNoiseLevel**  
.1.3.6.1.4.1.8744.5.4.1.7.1.6 *read-only*  
Level of local background noise.
- **coDot11ScanSNR**  
.1.3.6.1.4.1.8744.5.4.1.7.1.7 *read-only*  
Relative strength of the signal level compared to the noise level.
- **coDot11ScanStatus**  
.1.3.6.1.4.1.8744.5.4.1.7.1.8 *read-only*  
The status of the scanned device. 'unknown': The device could not determine the status of the scanned AP. 'authorized': The AP is part of the authorized list of APs. 'unauthorized': The AP is not part of the authorized list of APs.
- **coDot11ScanPHYType**  
.1.3.6.1.4.1.8744.5.4.1.7.1.9 *read-only*  
Radio type used by the device.
- **coDot11ScanInactivityTime**  
.1.3.6.1.4.1.8744.5.4.1.7.1.10 *read-only*  
Elapsed time since the last beacon was seen for this device.
- **coDot11ScanNetworkType**  
.1.3.6.1.4.1.8744.5.4.1.7.1.11 *read-only*  
Network type used by the device.
- **coDot11ScanSecurity**  
.1.3.6.1.4.1.8744.5.4.1.7.1.12 *read-only*  
Indicates the WPA/Encryption type used by the wireless station.

### **coDot11ScanEnabled**

.1.3.6.1.4.1.8744.5.4.1.8 *read-write*

Specifies if periodic scan should be performed or not. Not supported on the WCB-200.

'enable': Enables periodic scans on this device.

'disable': Disable periodic scans on this device.

### **coDot11ScanPeriodicity**

.1.3.6.1.4.1.8744.5.4.1.9 *read-write*

Specifies the time between periodic scans. Each time a scan operation is performed, only one frequency is scanned. A fair amount of periodic scans are needed in order complete a full scan of all the supported frequencies. This parameter only applies when coDot11ScanEnabled is set to 'enable'. Not supported on the M111.

### **coDot11ScanAuthorizedListURL**

.1.3.6.1.4.1.8744.5.4.1.10 *read-write*

Specifies the URL of the file that contains a list of all authorized access points. If no valid URL is present in this field, the AP will not be able to compute the rogue table. The format of this file is XML. Each entry in the file is composed of two items: MAC address and SSID. Each entry should appear on a new line. Not supported on the M111.

### **coDot11UnauthorizedAPNotificationEnabled**

.1.3.6.1.4.1.8744.5.4.1.11 *read-write*

Specifies if periodic coDot11UnauthorizedAPNotification events are generated. Not supported on the M111.

### **coDot11UnauthorizedAPNotificationInterval**

.1.3.6.1.4.1.8744.5.4.1.12 *read-write*

Interval in minutes between unauthorized AP notifications. Not supported on the M111.

### **coDot11AssociationNotificationEnabled**

.1.3.6.1.4.1.8744.5.4.1.13 *read-write*

Specifies if coDot11AssociationNotification events are generated. Not supported on the M111.

### **coDot11AssociationNotificationInterval**

.1.3.6.1.4.1.8744.5.4.1.14 *read-write*

Interval in minutes between association notifications. Setting this attribute to 0 will disable periodic sending of association notification. Not supported on the M111.

### **coDot11StationHTTable**

.1.3.6.1.4.1.8744.5.4.1.15 *not-accessible*

Group containing attributes related to HT stations. This table is not supported on the WCB-200.

- **coDot11StationHTEntry**

.1.3.6.1.4.1.8744.5.4.1.15.1 *not-accessible*

An entry in the station HT Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coDot11AssociationIndex - Uniquely identify a device inside the association table.

- **coDot11StaTransmitMCS**  
.1.3.6.1.4.1.8744.5.4.1.15.1.1 *read-only*  
MCS used while transmitting the last frame to the HT station.
- **coDot11StaReceiveMCS**  
.1.3.6.1.4.1.8744.5.4.1.15.1.2 *read-only*  
MCS used by the last frame received from the HT station.
- **coDot11StaChannelWidth**  
.1.3.6.1.4.1.8744.5.4.1.15.1.3 *read-only*  
Channel width used by the wireless client.
- **coDot11StaShortGI**  
.1.3.6.1.4.1.8744.5.4.1.15.1.4 *read-only*  
Indicates if the wireless client is using short GI.
- **coDot11StaPktsTxMCS0**  
.1.3.6.1.4.1.8744.5.4.1.15.1.5 *read-only*  
Number of transmitted frames while using MCS0.
- **coDot11StaPktsTxMCS1**  
.1.3.6.1.4.1.8744.5.4.1.15.1.6 *read-only*  
Number of transmitted frames while using MCS1.
- **coDot11StaPktsTxMCS2**  
.1.3.6.1.4.1.8744.5.4.1.15.1.7 *read-only*  
Number of transmitted frames while using MCS2.
- **coDot11StaPktsTxMCS3**  
.1.3.6.1.4.1.8744.5.4.1.15.1.8 *read-only*  
Number of transmitted frames while using MCS3.
- **coDot11StaPktsTxMCS4**  
.1.3.6.1.4.1.8744.5.4.1.15.1.9 *read-only*  
Number of transmitted frames while using MCS4.
- **coDot11StaPktsTxMCS5**  
.1.3.6.1.4.1.8744.5.4.1.15.1.10 *read-only*  
Number of transmitted frames while using MCS5.
- **coDot11StaPktsTxMCS6**  
.1.3.6.1.4.1.8744.5.4.1.15.1.11 *read-only*  
Number of transmitted frames while using MCS6.
- **coDot11StaPktsTxMCS7**  
.1.3.6.1.4.1.8744.5.4.1.15.1.12 *read-only*  
Number of transmitted frames while using MCS7.
- **coDot11StaPktsTxMCS8**  
.1.3.6.1.4.1.8744.5.4.1.15.1.13 *read-only*  
Number of transmitted frames while using MCS8.



- coDot11StaPktsTxMCS9  
.1.3.6.1.4.1.8744.5.4.1.15.1.14 *read-only*  
Number of transmitted frames while using MCS9.
- coDot11StaPktsTxMCS10  
.1.3.6.1.4.1.8744.5.4.1.15.1.15 *read-only*  
Number of transmitted frames while using MCS10.
- coDot11StaPktsTxMCS11  
.1.3.6.1.4.1.8744.5.4.1.15.1.16 *read-only*  
Number of transmitted frames while using MCS11.
- coDot11StaPktsTxMCS12  
.1.3.6.1.4.1.8744.5.4.1.15.1.17 *read-only*  
Number of transmitted frames while using MCS12.
- coDot11StaPktsTxMCS13  
.1.3.6.1.4.1.8744.5.4.1.15.1.18 *read-only*  
Number of transmitted frames while using MCS13.
- coDot11StaPktsTxMCS14  
.1.3.6.1.4.1.8744.5.4.1.15.1.19 *read-only*  
Number of transmitted frames while using MCS14.
- coDot11StaPktsTxMCS15  
.1.3.6.1.4.1.8744.5.4.1.15.1.20 *read-only*  
Number of transmitted frames while using MCS15.
- coDot11StaPktsRxMCS0  
.1.3.6.1.4.1.8744.5.4.1.15.1.21 *read-only*  
Number of received frames while using MCS0.
- coDot11StaPktsRxMCS1  
.1.3.6.1.4.1.8744.5.4.1.15.1.22 *read-only*  
Number of received frames while using MCS1.
- coDot11StaPktsRxMCS2  
.1.3.6.1.4.1.8744.5.4.1.15.1.23 *read-only*  
Number of received frames while using MCS2.
- coDot11StaPktsRxMCS3  
.1.3.6.1.4.1.8744.5.4.1.15.1.24 *read-only*  
Number of received frames while using MCS3.
- coDot11StaPktsRxMCS4  
.1.3.6.1.4.1.8744.5.4.1.15.1.25 *read-only*  
Number of received frames while using MCS4.
- coDot11StaPktsRxMCS5  
.1.3.6.1.4.1.8744.5.4.1.15.1.26 *read-only*  
Number of received frames while using MCS5.

- coDot11StaPktsRxMCS6  
.1.3.6.1.4.1.8744.5.4.1.15.1.27 *read-only*  
Number of received frames while using MCS6.
- coDot11StaPktsRxMCS7  
.1.3.6.1.4.1.8744.5.4.1.15.1.28 *read-only*  
Number of received frames while using MCS7.
- coDot11StaPktsRxMCS8  
.1.3.6.1.4.1.8744.5.4.1.15.1.29 *read-only*  
Number of received frames while using MCS8.
- coDot11StaPktsRxMCS9  
.1.3.6.1.4.1.8744.5.4.1.15.1.30 *read-only*  
Number of received frames while using MCS9.
- coDot11StaPktsRxMCS10  
.1.3.6.1.4.1.8744.5.4.1.15.1.31 *read-only*  
Number of received frames while using MCS10.
- coDot11StaPktsRxMCS11  
.1.3.6.1.4.1.8744.5.4.1.15.1.32 *read-only*  
Number of received frames while using MCS11.
- coDot11StaPktsRxMCS12  
.1.3.6.1.4.1.8744.5.4.1.15.1.33 *read-only*  
Number of received frames while using MCS12.
- coDot11StaPktsRxMCS13  
.1.3.6.1.4.1.8744.5.4.1.15.1.34 *read-only*  
Number of received frames while using MCS13.
- coDot11StaPktsRxMCS14  
.1.3.6.1.4.1.8744.5.4.1.15.1.35 *read-only*  
Number of received frames while using MCS14.
- coDot11StaPktsRxMCS15  
.1.3.6.1.4.1.8744.5.4.1.15.1.36 *read-only*  
Number of received frames while using MCS15.
- coDot11StaNbStreams  
.1.3.6.1.4.1.8744.5.4.1.15.1.37 *read-only*  
Number of spatial streams used with the HT client.
- coDot11StaPktsTxMCS16  
.1.3.6.1.4.1.8744.5.4.1.15.1.38 *read-only*  
Number of transmitted frames while using MCS16.
- coDot11StaPktsTxMCS17  
.1.3.6.1.4.1.8744.5.4.1.15.1.39 *read-only*  
Number of transmitted frames while using MCS17.

- coDot11StaPktsTxMCS18  
.1.3.6.1.4.1.8744.5.4.1.15.1.40 *read-only*  
Number of transmitted frames while using MCS18.
- coDot11StaPktsTxMCS19  
.1.3.6.1.4.1.8744.5.4.1.15.1.41 *read-only*  
Number of transmitted frames while using MCS19.
- coDot11StaPktsTxMCS20  
.1.3.6.1.4.1.8744.5.4.1.15.1.42 *read-only*  
Number of transmitted frames while using MCS20.
- coDot11StaPktsTxMCS21  
.1.3.6.1.4.1.8744.5.4.1.15.1.43 *read-only*  
Number of transmitted frames while using MCS21.
- coDot11StaPktsTxMCS22  
.1.3.6.1.4.1.8744.5.4.1.15.1.44 *read-only*  
Number of transmitted frames while using MCS22.
- coDot11StaPktsTxMCS23  
.1.3.6.1.4.1.8744.5.4.1.15.1.45 *read-only*  
Number of transmitted frames while using MCS23.
- coDot11StaPktsRxMCS16  
.1.3.6.1.4.1.8744.5.4.1.15.1.46 *read-only*  
Number of received frames while using MCS16.
- coDot11StaPktsRxMCS17  
.1.3.6.1.4.1.8744.5.4.1.15.1.47 *read-only*  
Number of received frames while using MCS17.
- coDot11StaPktsRxMCS18  
.1.3.6.1.4.1.8744.5.4.1.15.1.48 *read-only*  
Number of received frames while using MCS18.
- coDot11StaPktsRxMCS19  
.1.3.6.1.4.1.8744.5.4.1.15.1.49 *read-only*  
Number of received frames while using MCS19.
- coDot11StaPktsRxMCS20  
.1.3.6.1.4.1.8744.5.4.1.15.1.50 *read-only*  
Number of received frames while using MCS20.
- coDot11StaPktsRxMCS21  
.1.3.6.1.4.1.8744.5.4.1.15.1.51 *read-only*  
Number of received frames while using MCS21.
- coDot11StaPktsRxMCS22  
.1.3.6.1.4.1.8744.5.4.1.15.1.52 *read-only*  
Number of received frames while using MCS22.

- **coDot11StaPktsRxMCS23**  
.1.3.6.1.4.1.8744.5.4.1.15.1.53 *read-only*  
Number of received frames while using MCS23.
- **coDot11StaHTRates**  
.1.3.6.1.4.1.8744.5.4.1.15.1.54 *read-only*  
HT rates negotiated during the association.

### **coDot11NbDetectedStation**

.1.3.6.1.4.1.8744.5.4.1.16 *read-only*  
Number of stations in the detected station table.

### **coDot11DetectedStationTable**

.1.3.6.1.4.1.8744.5.4.1.17 *not-accessible*

Group containing attributes related to stations sending probe request. This table is not supported on the M111.

- **coDot11DetectedStationEntry**  
.1.3.6.1.4.1.8744.5.4.1.17.1 *not-accessible*  
An entry in the detected station Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.  
coDot11DetStaIndex - Uniquely identify a device inside the detected station table.
- **coDot11DetStaIndex**  
.1.3.6.1.4.1.8744.5.4.1.17.1.1 *not-accessible*  
The auxiliary variable used to identify instances of the columnar objects in the detected station table.
- **coDot11DetStaMacAddress**  
.1.3.6.1.4.1.8744.5.4.1.17.1.2 *read-only*  
MAC address of the wireless client.
- **coDot11DetStaChannel**  
.1.3.6.1.4.1.8744.5.4.1.17.1.3 *read-only*  
The operating frequency channel when the last probe request was received.
- **coDot11DetStaSignalLevel**  
.1.3.6.1.4.1.8744.5.4.1.17.1.4 *read-only*  
Strength of the wireless signal.
- **coDot11DetStaNoiseLevel**  
.1.3.6.1.4.1.8744.5.4.1.17.1.5 *read-only*  
Level of local background noise.
- **coDot11DetStaNbProbeReq**  
.1.3.6.1.4.1.8744.5.4.1.17.1.6 *read-only*  
Total number of probes request received from this client.

- **coDot11DetStaRate**  
 .1.3.6.1.4.1.8744.5.4.1.17.1.7 *read-only*  
 Receive rate of the last probe request received from this client.
- **coDot11DetStaSSID**  
 .1.3.6.1.4.1.8744.5.4.1.17.1.8 *read-only*  
 SSID contained in the last probe request received from this client.
- **coDot11DetStaTimeDiscovered**  
 .1.3.6.1.4.1.8744.5.4.1.17.1.9 *read-only*  
 Elapsed time in seconds since the first probe has been received from this client.
- **coDot11DetStaTimeLastSeen**  
 .1.3.6.1.4.1.8744.5.4.1.17.1.10 *read-only*  
 Elapsed time in seconds since the last probe has been received from this client.

### **coDot11OperationTable**

.1.3.6.1.4.1.8744.5.4.2.1 *not-accessible*

Group contains MAC attributes pertaining to the operation of the MAC. In tabular form to allow multiple instances on an agent.

- **coDot11OperationEntry**  
 .1.3.6.1.4.1.8744.5.4.2.1.1 *not-accessible*  
 An entry in the coDot11OperationEntry Table.  
 ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.
- **coDot11MACAddress**  
 .1.3.6.1.4.1.8744.5.4.2.1.1.1 *read-only*  
 Unique MAC Address assigned to the STA.
- **coDot11RTSThreshold**  
 .1.3.6.1.4.1.8744.5.4.2.1.1.2 *read-write*  
 Specifies the number of octets in an MPDU, below which an RTS/CTS handshake is not performed. An RTS/CTS handshake is performed at the beginning of any frame exchange sequence where the MPDU is of type Data or Management, the MPDU has an individual address in the Address1 field, and the length of the MPDU is greater than this threshold. (For additional details, refer to Table 21 in 9.7.) Setting this attribute to be larger than the maximum MSDU size has the effect of turning off the RTS/CTS handshake for frames of Data or Management type transmitted by this STA. The default value of this attribute is 2347.
- **coDot11ShortRetryLimit**  
 .1.3.6.1.4.1.8744.5.4.2.1.1.3 *read-only*  
 Indicates the maximum number of transmission attempts of a frame, the length of which is less than or equal to coDot11RTSThreshold, that are made before a failure condition is indicated. The default value of this attribute is 7.

- **coDot11LongRetryLimit**  
.1.3.6.1.4.1.8744.5.4.2.1.1.4 *read-only*  
Indicates the maximum number of transmission attempts of a frame, the length of which is greater than coDot11RTSThreshold, that are made before a failure condition is indicated. The default value of this attribute is 4.
- **coDot11FragmentationThreshold**  
.1.3.6.1.4.1.8744.5.4.2.1.1.5 *read-only*  
Indicates the current maximum size, in octets, of the MPDU that may be delivered to the PHY. An MSDU is broken down into fragments if its size exceeds the value of this attribute after adding MAC headers and trailers. An MSDU or MMPDU is fragmented when the resulting frame has an individual address in the Address1 field, and the length of the frame is larger than this threshold. The default value for this attribute is the lesser of 2346 or the aMPDUMaxLength of the attached PHY and will never exceed the lesser of 2346 or the aMPDUMaxLength of the attached PHY. The value of this attribute will never be less than 256.
- **coDot11MaxTransmitMSDULifetime**  
.1.3.6.1.4.1.8744.5.4.2.1.1.6 *read-only*  
Elapsed time in TU after the initial transmission of an MSDU, after which further attempts to transmit the MSDU are terminated. The default value of this attribute is 512.
- **coDot11MaxReceiveLifetime**  
.1.3.6.1.4.1.8744.5.4.2.1.1.7 *read-only*  
Elapsed time in TU, after the initial reception of a fragmented MMPDU or MSDU, after which further attempts to reassemble the MMPDU or MSDU is terminated. The default value is 512.
- **coDot11ManufacturerID**  
.1.3.6.1.4.1.8744.5.4.2.1.1.8 *read-only*  
The name of the manufacturer. It may include additional information at the manufacturer's discretion. The default value of this attribute is null.
- **coDot11ProductID**  
.1.3.6.1.4.1.8744.5.4.2.1.1.9 *read-only*  
An identifier that is unique to the manufacturer. It may include additional information at the manufacturer's discretion. The default value is null.
- **coDot11RadioType**  
.1.3.6.1.4.1.8744.5.4.2.1.1.10 *read-only*  
Identify the wireless device inside the HP product.
- **coDot11StationDetectionState**  
.1.3.6.1.4.1.8744.5.4.2.1.1.11 *read-write*  
The desired state of the station detection process.  
'true': Analyze probe requests.  
'false': Do not analyze probe requests.

### **coDot11CountersTable**

.1.3.6.1.4.1.8744.5.4.2.2 *not-accessible*

Group containing attributes that are MAC counters. In tabular form to allow multiple instance on an agent.

- **coDot11CountersEntry**  
.1.3.6.1.4.1.8744.5.4.2.2.1 *not-accessible*  
An entry in the coDot11CountersEntry Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.
- **coDot11TransmittedFragmentCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.1 *read-only*  
This counter is incremented for an acknowledged MPDU with an individual address in the address 1 field or an MPDU with a multicast address in the address 1 field of type Data or Management.
- **coDot11MulticastTransmittedFrameCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.2 *read-only*  
This counter is incremented only when the multicast bit is set in the destination MAC address of a successfully transmitted MSDU. When operating as a STA in an ESS, where these frames are directed to the AP, this implies having received an acknowledgment to all associated MPDUs.
- **coDot11FailedCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.3 *read-only*  
This counter is incremented when an MSDU is not transmitted successfully due to the number of transmit attempts exceeding either the coDot11ShortRetryLimit or coDot11LongRetryLimit.
- **coDot11RetryCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.4 *read-only*  
This counter is incremented when an MSDU is successfully transmitted after one or more retransmissions.
- **coDot11MultipleRetryCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.5 *read-only*  
This counter is incremented when an MSDU is successfully transmitted after more than one retransmission.
- **coDot11FrameDuplicateCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.6 *read-only*  
This counter is incremented when a frame is received that the Sequence Control field indicates is a duplicate.
- **coDot11RTSSuccessCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.7 *read-only*  
This counter is incremented when a CTS is received in response to an RTS.
- **coDot11RTSFailureCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.8 *read-only*  
This counter is incremented when a CTS is not received in response to an RTS.
- **coDot11ACKFailureCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.9 *read-only*  
This counter is incremented when an ACK is not received when expected.

- **coDot11ReceivedFragmentCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.10 *read-only*  
This counter is incremented for each successfully received MPDU of type Data or Management.
- **coDot11MulticastReceivedFrameCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.11 *read-only*  
This counter is incremented when a MSDU is received with the multicast bit set in the destination MAC address.
- **coDot11FCSErrorCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.12 *read-only*  
This counter is incremented when an FCS error is detected in a received MPDU.
- **coDot11TransmittedFrameCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.13 *read-only*  
This counter is incremented for each successfully transmitted MSDU.
- **coDot11WEPUndecryptableCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.14 *read-only*  
This counter is incremented when a frame is received with the WEP subfield of the Frame Control field set to one, and the WEPOn value for the key mapped to the TA's MAC address indicates that the frame should not have been encrypted or that frame is discarded due to the receiving STA not implementing the privacy option.
- **coDot11TransmitFrameCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.15 *read-only*  
Number of cycles the tx\_frame signal is active.
- **coDot11ReceiveFrameCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.16 *read-only*  
Number of cycles the rx\_frame signal is active.
- **coDot11ReceiveClearCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.17 *read-only*  
Number of cycles the rx\_clear signal is active.
- **coDot11CycleCount**  
.1.3.6.1.4.1.8744.5.4.2.2.1.18 *read-only*  
Number of clock cycles.

### **coDot11PhyOperationTable**

.1.3.6.1.4.1.8744.5.4.3.1 *not-accessible*

PHY level attributes concerned with operation. In tabular form to allow multiple instances on an agent.

- **coDot11PhyOperationEntry**  
.1.3.6.1.4.1.8744.5.4.3.1.1 *not-accessible*  
An entry in the coDot11PhyOperation Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.



- **coDot11PHYType**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.1 *read-only*

This is an 8-bit integer value that identifies the PHY type supported by the attached PLCP and PMD. Currently defined values and their corresponding PHY types are: FHSS 2.4 GHz = 01 , DSSS 2.4 GHz = 02, IR Baseband = 03, OFDM 5 GHz = 04.
- **coDot11CurrentRegDomain**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.2 *read-only*

The current regulatory domain this instance of the PMD is supporting. This object corresponds to one of the RegDomains listed in coDot11RegDomainsSupported.
- **coDot11TempType**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.3 *read-only*

There are different operating temperature requirements dependent on the anticipated environmental conditions. This attribute describes the current PHY's operating temperature range capability. Currently defined values and their corresponding temperature ranges are:

Type 1 = X'01'-Commercial range of 0 to 40 degrees C,  
 Type 2 = X'02'-Industrial range of -30 to 70 degrees C.
- **coDot11CurrentOperFrequency**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.4 *read-only*

The current operating frequency channel of the radio.
- **coDot11CurrentOperPHYType**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.5 *read-only*

The current operating PHY type of the radio.
- **coDot11Sensitivity**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.6 *read-write*

Receiver sensitivity of the radio.
- **coDot11RadioEnabled**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.7 *read-write*

When True the radio is enabled.
- **coDot11OperatingMode**  
 .1.3.6.1.4.1.8744.5.4.3.1.1.8 *read-write*

Operating mode of the radio. Available options are:

Access point and Wireless links: Standard operating mode provides support for all wireless functions.

Access point only: Only provides access point functionality, local mesh links cannot be created.

Wireless links only: Only provides local mesh functionality. Wireless client stations cannot connect.

Monitor: Disables access point and local mesh functions. Use this option for continuous scanning across all channels in all supported wireless modes.

Sensor: Enables RF sensor functionality on this radio. Operation of this feature requires that the appropriate license is installed.

- **coDot11AutoChannelEnabled**  
.1.3.6.1.4.1.8744.5.4.3.1.1.9 *read-write*  
When True the Auto Channel option is enabled.
- **coDot11AutoChannelInterval**  
.1.3.6.1.4.1.8744.5.4.3.1.1.10 *read-write*  
Time interval, in minutes, between auto rescanning of the channels. Maximum is 1440 minutes (24 hours). A value of zero disables automatic rescanning of channels, the radio will automatically select a channel when the interface initializes and utilize that channel as long as the interface is operational.
- **coDot11AutoPowerEnabled**  
.1.3.6.1.4.1.8744.5.4.3.1.1.11 *read-write*  
When True the Auto Power option is enabled.
- **coDot11AutoPowerInterval**  
.1.3.6.1.4.1.8744.5.4.3.1.1.12 *read-write*  
Time interval, in minutes, between auto rescanning of the channels. Maximum is 1440 minutes (24 hours).
- **coDot11ProtectionStatus**  
.1.3.6.1.4.1.8744.5.4.3.1.1.13 *read-only*  
Indicates the reasons why the wireless protection is enabled.

### **coDot11PhyAntennaTable**

.1.3.6.1.4.1.8744.5.4.3.2 *not-accessible*

Group of attributes for PhyAntenna. In tabular form to allow multiple instances on an agent.

- **coDot11PhyAntennaEntry**  
.1.3.6.1.4.1.8744.5.4.3.2.1 *not-accessible*  
An entry in the coDot11PhyAntenna Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.
- **coDot11CurrentTxAntenna**  
.1.3.6.1.4.1.8744.5.4.3.2.1.1 *read-only*  
The current antenna being used to transmit. This value is one of the values appearing in coDot11SupportedTxAntenna. This may be used by a management agent to control which antenna is used for transmission.
- **coDot11DiversitySupport**  
.1.3.6.1.4.1.8744.5.4.3.2.1.2 *read-only*  
This implementation's support for diversity, encoded as:  
X'01': Diversity is available and is performed over the fixed list of antennas defined in coDot11DiversitySelectionRx.  
X'02': Diversity is not supported.  
X'03': Diversity is supported and control of diversity is also available, in which case the attribute coDot11DiversitySelectionRx can be dynamically modified by the LME.

- **coDot11CurrentRxAntenna**  
.1.3.6.1.4.1.8744.5.4.3.2.1.3 *read-only*

The current antenna being used to receive, if the coDot11 DiversitySupport indicates that diversity is not supported. The selected antenna shall be one of the antennae marked for receive in the coDot11AntennasListTable.

### **coDot11PhyConfigTable**

.1.3.6.1.4.1.8744.5.4.3.3 *not-accessible*

PHY configuration attributes. In tabular form to allow multiple instances on an agent.

- **coDot11PhyConfigEntry**  
.1.3.6.1.4.1.8744.5.4.3.3.1 *not-accessible*

An entry in the coDot11PhyConfig Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

- **coDot11PhyAdminStatus**  
.1.3.6.1.4.1.8744.5.4.3.3.1.1 *read-write*

The desired state of the radio interface.

'up': Sets the radio interface to be ready to transmit and receive.

'down': Stops the transmission and reception of packets on the interface.

- **coDot11PhyOperStatus**  
.1.3.6.1.4.1.8744.5.4.3.3.1.2 *read-only*

The current state of the radio interface.

'up': The radio interface is ready to ready to transmit and receive.

'down': The radio is not able to transmit or receive on the interface.

### **coDot11PhyDSSSTable**

.1.3.6.1.4.1.8744.5.4.3.4 *not-accessible*

Entry of attributes for coDot11PhyDSSSEntry. In tabular form to allow multiple instances on an agent. This table only apply when in DSSS 2.4 GHz range

- **coDot11PhyDSSSEntry**  
.1.3.6.1.4.1.8744.5.4.3.4.1 *not-accessible*

An entry in the coDot11PhyDSSSEntry Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

- **coDot11CurrentChannel**  
.1.3.6.1.4.1.8744.5.4.3.4.1.1 *read-write*

The desired operating frequency channel of the DSSS PHY. Valid channel numbers are as defined in 15.4.6.2.

- **coDot11CCAModeSupported**  
.1.3.6.1.4.1.8744.5.4.3.4.1.2 *read-only*

coDot11CCAModeSupported is a bit-significant value, representing all of the CCA modes supported by the PHY. Valid values are:

energy detect only (ED\_ONLY) = 01

carrier sense only (CS\_ONLY) = 02

carrier sense and energy detect (ED\_and\_CS)= 04

Or the logical sum of any of these values.

- **coDot11CurrentCCAMode**  
.1.3.6.1.4.1.8744.5.4.3.4.1.3 *read-only*  
The current CCA method in operation. Valid values are:  
energy detect only (edonly) = 01  
carrier sense only (csonly) = 02  
carrier sense and energy detect (edandcs)= 04

### **coDot11RegDomainsSupportedTable**

.1.3.6.1.4.1.8744.5.4.3.5 *not-accessible*

There are different operational requirements dependent on the regulatory domain. This attribute list describes the regulatory domains the PLCP and PMD support in this implementation. Currently defined values and their corresponding Regulatory Domains are:

FCC (USA) = X'10'

DOC (Canada) = X'20'

ETSI (most of Europe) = X'30'

Spain = X'31'

France = X'32'

Japan = X'41'

- **coDot11RegDomainsSupportedEntry**  
.1.3.6.1.4.1.8744.5.4.3.5.1 *not-accessible*  
An entry in the coDot11RegDomainsSupported Table.  
ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.  
coDot11RegDomainsSupportIndex - Uniquely specifies the regulatory domain in the table.
- **coDot11RegDomainsSupportIndex**  
.1.3.6.1.4.1.8744.5.4.3.5.1.1 *not-accessible*  
The auxiliary variable used to identify instances of the columnar objects in the RegDomainsSupported Table.
- **coDot11RegDomainsSupportValue**  
.1.3.6.1.4.1.8744.5.4.3.5.1.2 *read-only*  
There are different operational requirements dependent on the regulatory domain. This attribute list describes the regulatory domains the PLCP and PMD support in this implementation. Currently defined values and their corresponding Regulatory Domains are:  
FCC (USA) = X'10'  
DOC (Canada) = X'20'  
ETSI (most of Europe) = X'30'  
Spain = X'31'  
France = X'32'  
Japan = X'41'

## coDot11AntennasListTable

.1.3.6.1.4.1.8744.5.4.3.6

*not-accessible*

This table represents the list of antennae. An antenna can be marked to be capable of transmitting, receiving, and/or for participation in receive diversity. Each entry in this table represents a single antenna with its properties. The maximum number of antennae that can be contained in this table is 255.

- coDot11AntennasListEntry

.1.3.6.1.4.1.8744.5.4.3.6.1

*not-accessible*

An entry in the coDot11AntennasListTable, representing the properties of a single antenna.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coDot11AntennaListIndex - Uniquely identifies the antenna connected to the 802.11 interface.

- coDot11AntennaListIndex

.1.3.6.1.4.1.8744.5.4.3.6.1.1

*not-accessible*

The unique index of an antenna which is used to identify the columnar objects in the coDot11AntennasList Table.

- coDot11SupportedTxAntenna

.1.3.6.1.4.1.8744.5.4.3.6.1.2

*read-only*

When true, this object indicates that the antenna represented by coDot11AntennaIndex can be used as a transmit antenna.

- coDot11SupportedRxAntenna

.1.3.6.1.4.1.8744.5.4.3.6.1.3

*read-only*

When true, this object indicates that the antenna represented by the coDot11AntennaIndex can be used as a receive antenna.

- coDot11DiversitySelectionRx

.1.3.6.1.4.1.8744.5.4.3.6.1.4

*read-only*

When true, this object indicates that the antenna represented by coDot11AntennaIndex can be used for receive diversity. This object may only be true if the antenna can be used as a receive antenna, as indicated by coDot11SupportedRxAntenna.

## coDot11SupportedDataRatesTxTable

.1.3.6.1.4.1.8744.5.4.3.7

*not-accessible*

The Transmit bit rates supported by the PLCP and PMD, data rates are increments of 500Kb/s from 1 Mbps to 63.5 Mbps subject to limitations of each individual PHY.

- coDot11SupportedDataRatesTxEntry

.1.3.6.1.4.1.8744.5.4.3.7.1

*not-accessible*

An Entry (conceptual row) in the coDot11SupportedDataRatesTx Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coDot11SupportedDataRatesTxIndex - Uniquely identifies a supported rate in the table.

- **coDot11SupportedDataRatesTxIndex**  
.1.3.6.1.4.1.8744.5.4.3.7.1.1 *not-accessible*

Index object which identifies which data rate to access.

- **coDot11SupportedDataRatesTxValue**  
.1.3.6.1.4.1.8744.5.4.3.7.1.2 *read-only*

The transmit bit rates supported by the PLCP and PMD. Data rates are increments of 500Kb/s from 1 Mbps to 63.5 Mbps subject to limitations of each individual PHY.

### **coDot11SupportedDataRatesRxTable**

.1.3.6.1.4.1.8744.5.4.3.8 *not-accessible*

The receive bit rates supported by the PLCP and PMD. Data rates are increments of 500Kb/s from 1 Mbps to 63.5 Mbps subject to limitations of each individual PHY.

- **coDot11SupportedDataRatesRxEntry**  
.1.3.6.1.4.1.8744.5.4.3.8.1 *not-accessible*

An Entry (conceptual row) in the coDot11SupportedDataRatesRx Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

coDot11SupportedDataRatesTxIndex - Uniquely identifies a supported rate in the table.

- **coDot11SupportedDataRatesRxIndex**  
.1.3.6.1.4.1.8744.5.4.3.8.1.1 *not-accessible*

Index object which identifies which data rate to access.

- **coDot11SupportedDataRatesRxValue**  
.1.3.6.1.4.1.8744.5.4.3.8.1.2 *read-only*

The receive bit rates supported by the PLCP and PMD. Data rates are increments of 500Kb/s from 1 Mbps to 63.5 Mbps subject to limitations of each individual PHY.

### **coDot11PhyOFDMTable**

.1.3.6.1.4.1.8744.5.4.3.9 *not-accessible*

Entry of attributes for coDot11PhyOFDMEntry. In tabular form to allow multiple instances on an agent. This table only apply when in OFDM 5 GHz range.

- **coDot11PhyOFDMEntry**  
.1.3.6.1.4.1.8744.5.4.3.9.1 *not-accessible*

An entry in the coDot11PhyOFDMEntry Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

- **coDot11CurrentFrequency**  
.1.3.6.1.4.1.8744.5.4.3.9.1.1 *read-write*

The desired operating frequency channel of the OFDM PHY.

- **coDot11TThreshold**  
.1.3.6.1.4.1.8744.5.4.3.9.1.2 *read-write*

The threshold being used to detect a busy medium (frequency). CCA reports a busy medium upon detecting the RSSI above this threshold.

- **coDot11FrequencyBandsSupported**  
.1.3.6.1.4.1.8744.5.4.3.9.1.3 *read-only*

The capability of the OFDM PHY implementation to operate in the three U-NII bands. Coded as an integer value of a three 1 bit fields as follow:

bit 0 - Capable of operating in the lower (5.15-5.25 GHz) U-NII band.

bit 1 - Capable of operating in the middle (5.25-5.35 GHz) U-NII band.

bit 2 - Capable of operating in the middle (5.725-5.825 GHz) U-NII band.

For example, for an implementation capable of operating in the lower and middle bands, this object would take the value 3.

### **coDot11MinimumSNRLevel**

.1.3.6.1.4.1.8744.5.4.3.10 *read-write*

An SNR level notification is generated when the average SNR level is below this attribute. Not supported on the M111.

### **coDot11SNRLevelNotificationEnabled**

.1.3.6.1.4.1.8744.5.4.3.11 *read-write*

This attribute, when true, enables the generation of SNR level notifications. Not supported on the M111.

### **coDot11SNRLevelNotificationInterval**

.1.3.6.1.4.1.8744.5.4.3.12 *read-write*

Interval in minutes between SNR Level notifications. Not supported on the M111.

### **coDot11CountryCode**

.1.3.6.1.4.1.8744.5.4.3.13 *read-only*

The radios are running accordingly to the regulations of this country.

### **coDot11PhyHTTable**

.1.3.6.1.4.1.8744.5.4.3.14 *not-accessible*

Entry of attributes for coDot11PhyHTEntry. This table only apply when the PHY type is HT.

- **coDot11PhyHTEntry**  
.1.3.6.1.4.1.8744.5.4.3.14.1 *not-accessible*

An entry in the coDot11PhyHTEntry Table.

ifIndex - Each 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

- **coDot11FortyMHzOperationImplemented**  
.1.3.6.1.4.1.8744.5.4.3.14.1.1 *read-only*

This attribute, when TRUE, indicates that 40 MHz Operation is implemented.

- **coDot11FortyMHzOperationEnabled**  
.1.3.6.1.4.1.8744.5.4.3.14.1.2 *read-only*

This attribute, when TRUE, indicates that 40 MHz Operation is enabled.

- **coDot11CurrentPrimaryChannel**  
.1.3.6.1.4.1.8744.5.4.3.14.1.3 *read-only*

This attribute indicates the operating channel. If 20/40 MHz Mode is currently in use then this attribute indicates the primary channel.

- **coDot11CurrentSecondaryChannel**  
.1.3.6.1.4.1.8744.5.4.3.14.1.4 *read-only*  
This attribute indicates the channel number of the secondary channel. If 20/40 MHz mode is not currently in use, this attribute value is 0.
- **coDot11GreenfieldOptionImplemented**  
.1.3.6.1.4.1.8744.5.4.3.14.1.5 *read-only*  
This attribute, when TRUE, indicates that the HT Greenfield option is implemented.
- **coDot11GreenfieldOptionEnabled**  
.1.3.6.1.4.1.8744.5.4.3.14.1.6 *read-only*  
This attribute, when TRUE, indicates that the HT Greenfield option is enabled.
- **coDot11ShortGIOptionInTwentyImplemented**  
.1.3.6.1.4.1.8744.5.4.3.14.1.7 *read-only*  
This attribute, when TRUE, indicates that the Short Guard option is implemented for 20 MHz operation.
- **coDot11ShortGIOptionInTwentyEnabled**  
.1.3.6.1.4.1.8744.5.4.3.14.1.8 *read-only*  
This attribute, when TRUE, indicates that the Short Guard option is enabled for 20 MHz operation.
- **coDot11ShortGIOptionInFortyImplemented**  
.1.3.6.1.4.1.8744.5.4.3.14.1.9 *read-only*  
Guard option is implemented for 40 MHz operation.
- **coDot11ShortGIOptionInFortyEnabled**  
.1.3.6.1.4.1.8744.5.4.3.14.1.10 *read-only*  
This attribute, when TRUE, indicates that the Short Guard option is enabled for 40 MHz operation.
- **coDot11HighestSupportedDataRate**  
.1.3.6.1.4.1.8744.5.4.3.14.1.11 *read-only*  
This attribute shall specify the Highest Data Rate in Mbps at which the station may receive data.

### **coDot11RSNAStatsTable**

.1.3.6.1.4.1.8744.5.4.4 *not-accessible*

This table maintains statistics for SN. It is not supported on the WCB-200.

- **coDot11RSNAStatsEntry**  
.1.3.6.1.4.1.8744.5.4.4.1 *not-accessible*  
An entry in the coDot11RSNAStatsTable.
- **coDot11RSNAStatsVersion**  
.1.3.6.1.4.1.8744.5.4.4.1.2 *read-only*  
The RSNA version which the AP associated with.



- **coDot11RSNAStatsSelectedPairwiseCipher**  
.1.3.6.1.4.1.8744.5.4.4.1.3 *read-only*  
The AKM Suite the AP selected during association. The value consists of a three octet OUI followed by a one octet type as follows:  
OUI Value, Cipher, Type  
XX-XX-XX, 0, Reserved  
XX-XX-XX, 1, WEP-40  
XX-XX-XX, 2, TKIP  
XX-XX-XX, 3, Reserved  
XX-XX-XX, 4, CCMP  
XX-XX-XX, 5, WEP-104  
XX-XX-XX, 6-255, Reserved  
Vendor, any, Vendor Specific  
other, any, Reserved
- **coDot11RSNAStatsTKIPICVErrors**  
.1.3.6.1.4.1.8744.5.4.4.1.4 *read-only*  
Counts the number of TKIP ICV errors encountered when decrypting packets for the AP.
- **coDot11RSNAStatsTKIPLocalMICFailures**  
.1.3.6.1.4.1.8744.5.4.4.1.5 *read-only*  
Counts the number of Michael MIC failures encountered when checking the integrity of packets received from the AP at this entity.
- **coDot11RSNAStatsTKIPRemoteMICFailures**  
.1.3.6.1.4.1.8744.5.4.4.1.6 *read-only*  
Counts the number of Michael MIC failures encountered by the remote device and reported back to this entity.
- **coDot11RSNAStatsTKIPCounterMeasuresInvoked**  
.1.3.6.1.4.1.8744.5.4.4.1.7 *read-only*  
Counts the number of times a MIC failure occurred two times within 60 seconds and countermeasures were invoked. This variable counts this for both local and remote. It increments every time countermeasures are invoked.
- **coDot11RSNAStatsCCMPFormatErrors**  
.1.3.6.1.4.1.8744.5.4.4.1.8 *read-only*  
The number of MSDUs received with an invalid CCMP format.
- **coDot11RSNAStatsCCMPReplays**  
.1.3.6.1.4.1.8744.5.4.4.1.9 *read-only*  
The number of received unicast fragments discarded by the replay mechanism.
- **coDot11RSNAStatsCCMPDecryptErrors**  
.1.3.6.1.4.1.8744.5.4.4.1.10 *read-only*  
The number of received fragments discarded by the CCMP decryption algorithm.

- **coDot11RSNAStatsTKIPReplays**  
.1.3.6.1.4.1.8744.5.4.4.1.11 *read-only*  
Counts the number of TKIP replay errors detected.
- **coDot11RSNAStats4WayHandshakeFailures**  
.1.3.6.1.4.1.8744.5.4.4.1.12 *read-only*  
Counts the number of 4-Way Handshake failures.

## COLUBRIS-802DOT11-MIB Traps

### coDot11SNRLevelNotification

.1.3.6.1.4.1.8744.5.4.5.0.1

The average SNR level for all the stations using this VSC during the last three intervals is low.

**Parameters:** ifIndex,ifDescr,coVirtualApSSID,coDot11CurrentSNRLevel.

### coDot11AssociationNotification

.1.3.6.1.4.1.8744.5.4.5.0.2

Sent when a new association is made or sent periodically using interval specified by coDot11AssociationNotificationInterval object.

**Parameters:** ifIndex,ifDescr,coDot11StationName,coDot11StationSSID,coDot11StationIPAddress,coDot11StationMACAddress,coDot11SignalLevel,coDot11SNR,coDot11TransmitRate,coDot11NumberOfUsers.

### coDot11UnauthorizedAPNotification

.1.3.6.1.4.1.8744.5.4.5.0.3

Sent when a new unauthorized AP is detected.

**Parameters:** ifIndex,ifDescr,coDot11ScanSSID,coDot11ScanMacAddress,coDot11ScanChannel,coDot11ScanPHYType.

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## COLUBRIS-AAA-CLIENT-MIB

This MIB is used to manage the list of AAA (authentication, authorization, accounting) servers used by an HP device for authentication of administrators and end users (VPN, public access interface).

## COLUBRIS-AAA-CLIENT-MIB OIDs

### colubrisAAAProfileTable

.1.3.6.1.4.1.8744.5.5.1.1.1

*not-accessible*

A table defining the AAA server profiles currently configured on the device.

- **colubrisAAAProfileEntry**  
.1.3.6.1.4.1.8744.5.5.1.1.1 *not-accessible*

A AAA server profile configured in the device. colubrisAAAProfileIndex - Uniquely identifies the profile within the profile table.

- colubrisAAAProfileIndex  
.1.3.6.1.4.1.8744.5.5.1.1.1.1.1 *not-accessible*  
Specifies the index of the AAA server profile.
- colubrisAAAProfileName  
.1.3.6.1.4.1.8744.5.5.1.1.1.1.2 *read-write*  
Specifies the name of the AAA server profile.
- colubrisAAAProfilePrimaryServerIndex  
.1.3.6.1.4.1.8744.5.5.1.1.1.1.3 *read-only*  
Indicates the index number of the primary server profile in the table. A value of zero indicates that no AAA server is defined.
- colubrisAAAProfileSecondaryServerIndex  
.1.3.6.1.4.1.8744.5.5.1.1.1.1.4 *read-only*  
Indicates the index number of the secondary server profile in the table. A value of zero indicates that no AAA server is defined.

### colubrisAAAServerTable

.1.3.6.1.4.1.8744.5.5.1.2.1 *not-accessible*

A table containing the AAA servers currently configured on the device.

- colubrisAAAServerEntry  
.1.3.6.1.4.1.8744.5.5.1.2.1.1 *not-accessible*  
An AAA server configured on the device. colubrisAAAServerIndex - Uniquely identifies a server inside the server table.
- colubrisAAAServerIndex  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.1 *not-accessible*  
Specifies the index of the AAA server in the table.
- colubrisAAAAuthenProtocol  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.2 *read-only*  
Indicates the protocol used by the AAA client to communicate with the AAA server.
- colubrisAAAAuthenMethod  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.3 *read-only*  
Indicates the authentication method used by the AAA client to authenticate users via the AAA server.
- colubrisAAAServerName  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.4 *read-write*  
Specifies the IP address of the AAA server. The string must be a valid IP address in the format 'nnn.nnn.nnn.nnn' Where 'nnn' is a number in the range [0..255]. The '.' character is mandatory between the fields.
- colubrisAAASharedSecret  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.5 *read-write*  
Specifies the shared secret used by the AAA client and the AAA server. This attribute should only be set if AAA traffic between the AAA client and server is sent through a VPN tunnel. Reading this attribute will always return a zero-length string.

- colubrisAAAAuthenticationPort  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.6 *read-only*  
Indicates the port number used by the AAA client to send authentication requests to the AAA server.
- colubrisAAAAccountingPort  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.7 *read-only*  
Indicates the port number used by the AAA client to send accounting information to the AAA server.
- colubrisAAATimeout  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.8 *read-only*  
Indicates how long the AAA client will wait for an answer to an authentication request.
- colubrisAAANASId  
.1.3.6.1.4.1.8744.5.5.1.2.1.1.9 *read-only*  
Indicates the network access server ID to be sent by the AAA client in each authentication request sent to the AAA server.

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## COLUBRIS-SYSTEM-MIB

This MIB enables management of system-related functions Colubris Networks devices. It handles the system time, administration configuration, and provides general information on system settings.

### COLUBRIS-SYSTEM-MIB OIDs

- systemProductName**  
.1.3.6.1.4.1.8744.5.6.1.1.1 *read-only*  
HP product name for the device.
- systemFirmwareRevision**  
.1.3.6.1.4.1.8744.5.6.1.1.2 *read-only*  
Revision number of the device firmware.
- systemBootRevision**  
.1.3.6.1.4.1.8744.5.6.1.1.3 *read-only*  
Revision number of the device boot loader.
- systemHardwareRevision**  
.1.3.6.1.4.1.8744.5.6.1.1.4 *read-only*  
Revision number of the system hardware.
- systemSerialNumber**  
.1.3.6.1.4.1.8744.5.6.1.1.5 *read-only*  
Device serial number.

### **systemConfigurationVersion**

.1.3.6.1.4.1.8744.5.6.1.1.6 *read-write*

User-defined string to identify the current device configuration. This string could be anything in printable ASCII characters.

### **systemUpTime**

.1.3.6.1.4.1.8744.5.6.1.1.7 *read-only*

How long the system has been running since its last restart. When this counter reaches its maximum value, it wraps around and starts increasing again from zero.

### **systemMacAddress**

.1.3.6.1.4.1.8744.5.6.1.1.8 *accessible-for-notify*

MAC address of the device. This information is only returned in a systemHeartbeatNotification event.

### **systemWanPortIpAddress**

.1.3.6.1.4.1.8744.5.6.1.1.9 *accessible-for-notify*

IP address of the device WAN port. This information is only returned in a systemHeartbeatNotification event.

### **systemProductFlavor**

.1.3.6.1.4.1.8744.5.6.1.1.10 *read-only*

The product flavor can extend or alter the functionality of a HP product.

### **systemDeviceIdentification**

.1.3.6.1.4.1.8744.5.6.1.1.11 *read-only*

Manufacturing Ethernet base MAC address.

### **systemFirmwareBuildDate**

.1.3.6.1.4.1.8744.5.6.1.1.12 *read-only*

Build date of the device firmware in the format YYYY/MM/DD.

### **systemControllerMode**

.1.3.6.1.4.1.8744.5.6.1.1.13 *read-only*

Indicates the current controller mode.

### **systemCDPOperState**

.1.3.6.1.4.1.8744.5.6.1.1.14 *read-only*

When True indicates that CDP support is enabled.

### **systemLLDPOperState**

.1.3.6.1.4.1.8744.5.6.1.1.15 *read-only*

When True indicates that the LLDP agent is started.

### **systemTimeUpdateMode**

.1.3.6.1.4.1.8744.5.6.1.2.1 *read-write*

Specifies the method and format used to set the system time.

'manual': Operator must configure the system time parameters manually in the GMT zone.

'sntpUdp': Look for time servers in the systemTimeServerTable in order to synchronize the device system time using SNTP.

'tp': Look for time servers in the systemTimeServerTable in order to synchronize the device system time using the Time Protocol.

### **systemTimeLostWhenRebooting**

.1.3.6.1.4.1.8744.5.6.1.2.2 *read-only*

Indicates if the system time is lost after rebooting or not.

'true': Indicates that the system time has been lost.

'false': Indicates that the system time has been kept.

### **systemTimeDSTOn**

.1.3.6.1.4.1.8744.5.6.1.2.3 *read-write*

Specifies if the system time need to be adjusted to compensate for daylight savings.

'true': Adjusts the system time by adding one hour.

'false': Keep the current system time.

### **systemDate**

.1.3.6.1.4.1.8744.5.6.1.2.4 *read-write*

Specifies the current GMT system date when systemTimeUpdateMode attribute is set to 'manual' mode. Reading this attribute will return the current date.

Specify year (1995-3000), month (01-12), and day (01-31) in the format YYYY/MM/DD. The '/' character is mandatory between the fields.

### **systemTimeOfDay**

.1.3.6.1.4.1.8744.5.6.1.2.5 *read-write*

Specifies the current GMT system time when systemTimeUpdateMode attribute is set to 'manual' mode. Specify hour (00-24), minutes (00-59), and seconds (00-59) in the format HH:MM:SS. The ':' character is mandatory between the fields.

### **systemTimeZone**

.1.3.6.1.4.1.8744.5.6.1.2.6 *read-write*

Specifies the current system time zone in the relation to UTC. Specify the direction from UTC (+ or -), hours from UTC (00-14 or 00-12), and minutes from UTC (00 or 30) in the format +/-HH:MM.

The '+' or '-' character is mandatory at the beginning of the expression. The ':' character is mandatory between the time fields.

### **systemTimeServerTable**

.1.3.6.1.4.1.8744.5.6.1.2.7 *not-accessible*

A table containing the list of SNTP time servers that can be used to synchronize the system time. In tabular form to allow multiple instances on an agent.

- **systemTimeServerEntry**

.1.3.6.1.4.1.8744.5.6.1.2.7.1 *not-accessible*

A SNTP time server used to get the device time. systemTimeServerIndex - Uniquely identifies a time server in the table.

- **systemTimeServerIndex**

.1.3.6.1.4.1.8744.5.6.1.2.7.1.1 *not-accessible*

Index of the time server in the systemTimeServerTable.

- **systemTimeServerAddress**  
.1.3.6.1.4.1.8744.5.6.1.2.7.1.2 *read-write*

Specifies the DNS name or IP address of the time server to use. Setting an entry to a null string will delete the entry.

### **systemTimeServerNotificationEnabled**

.1.3.6.1.4.1.8744.5.6.1.2.8 *read-write*

Specifies if timeServerFailure notifications are generated.

### **adminAccessAuthenMode**

.1.3.6.1.4.1.8744.5.6.1.3.1 *read-write*

Specifies if administrator authentication is performed locally or via a RADIUS server. You must have configured a RADIUS profile and the adminAccessAuthenProfileIndex attribute before you can select a profile or an error will be returned.

### **adminAccessAuthenProfileIndex**

.1.3.6.1.4.1.8744.5.6.1.3.2 *read-write*

Specifies the RADIUS profile to be used in order to authenticate the administrator. This parameter only applies when the adminAccessAuthenMode is set to 'profile'. When the special value zero is specified, no RADIUS server profile is selected.

### **adminAccessMaxLoginAttempts**

.1.3.6.1.4.1.8744.5.6.1.3.3 *read-write*

Specifies the number of successive unsuccessful authentications that must occur to generate an adminAccessAuthFailureNotification event.

### **adminAccessLockOutPeriod**

.1.3.6.1.4.1.8744.5.6.1.3.4 *read-write*

Specifies the duration when further login attempts are blocked after adminAccessMaxLoginAttempts has been reached. Setting this value to zero disables the lock out feature.

### **adminAccessLoginNotificationEnabled**

.1.3.6.1.4.1.8744.5.6.1.3.5 *read-write*

Specifies if an adminAccessLoginNotification event is generated after an administrator is successfully authenticated.

### **adminAccessAuthFailureNotificationEnabled**

.1.3.6.1.4.1.8744.5.6.1.3.6 *read-write*

Specifies if an adminAccessAuthFailureNotification event is generated when the number of successive unsuccessful authentications attempts exceed the value of adminAccessMaxLoginAttempts.

### **adminAccessInfo**

.1.3.6.1.4.1.8744.5.6.1.3.7 *accessible-for-notify*

Contains various information about the administrator. This parameter is used in the adminAccessAuthFailureNotification event to return the administrator status to a management system.

### **adminAccessProfileTable**

.1.3.6.1.4.1.8744.5.6.1.3.8 *not-accessible*

This table handles the profile of several administrator users. In tabular form in order to allow multiple instances on an agent.

- **adminAccessProfileEntry**  
.1.3.6.1.4.1.8744.5.6.1.3.8.1 *not-accessible*  
An administrator profile configured in the administrator access table.
- **adminAccessProfileIndex**  
.1.3.6.1.4.1.8744.5.6.1.3.8.1.1 *not-accessible*  
Specifies the index of the administrator profile.
- **adminAccessUserName**  
.1.3.6.1.4.1.8744.5.6.1.3.8.1.2 *read-only*  
Specifies the user name of the administrator.
- **adminAccessAdministrativeRights**  
.1.3.6.1.4.1.8744.5.6.1.3.8.1.3 *read-only*  
Specifies the administrative rights of this specific administrator.

### **adminAccessLogoutNotificationEnabled**

.1.3.6.1.4.1.8744.5.6.1.3.9 *read-write*

Specifies if an adminAccessLogoutNotification event is generated after an administrator logs out from the web interface.

### **heartbeatPeriod**

.1.3.6.1.4.1.8744.5.6.1.4.1 *read-write*

Specifies the delay between 2 heartbeat notifications. The range of this parameter is 30 seconds to 1 year.

### **heartbeatNotificationEnabled**

.1.3.6.1.4.1.8744.5.6.1.4.2 *read-write*

Specifies if systemHeartbeatNotification events are generated.

## **COLUBRIS-SYSTEM-MIB Traps**

### **adminAccessAuthFailureNotification**

.1.3.6.1.4.1.8744.5.6.2.0.1

Sent after an administrator authentication failure.

**Parameters:** adminAccessInfo.

### **adminAccessLoginNotification**

.1.3.6.1.4.1.8744.5.6.2.0.2

Sent after an administrator is successfully authenticated.

### **systemColdStart**

.1.3.6.1.4.1.8744.5.6.2.0.3

Sent at system boot up.

**Parameters:** systemProductName,systemFirmwareRevision,systemConfigurationVersion,systemSerialNumber.



### **systemHeartbeatNotification**

.1.3.6.1.4.1.8744.5.6.2.0.4

Sent every heartbeatPeriod.

**Parameters:** systemSerialNumber,systemMacAddress,systemWanPortIpAddress,systemUpTime,ifOutUcastPkts,ifInUcastPkts,ifOutErrors,ifInErrors,ifOutUcastPkts,ifInUcastPkts,ifOutErrors,ifInErrors,ifOutUcastPkts,ifInUcastPkts,ifOutErrors,ifInErrors.

### **adminAccessLogoutNotification**

.1.3.6.1.4.1.8744.5.6.2.0.5

Sent after an administrator has logout.

**Parameters:** adminAccessInfo.

### **timeServerFailure**

.1.3.6.1.4.1.8744.5.6.2.0.6

Sent when a time server in the system time table is unreachable.

**Parameters:** systemTimeServerAddress.

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## **COLUBRIS-TOOLS-MIB**

This MIB is a collection of objects that enable debugging actions to be performed on HP devices. This MIB provides control over a network trace facility present in HP controllers and APs.

### **COLUBRIS-TOOLS-MIB OIDs**

#### **traceInterface**

.1.3.6.1.4.1.8744.5.12.1.1.1

*read-write*

Specifies the interface to apply the trace to.

#### **traceCaptureDestination**

.1.3.6.1.4.1.8744.5.12.1.1.2

*read-write*

Specifies if the traces shall be stored locally on the device or remotely on a distant system.

'local': Stores the traces locally on the device.

'remote': Stores the traces in a remote file specified by traceCaptureDestinationURL.

#### **traceCaptureDestinationURL**

.1.3.6.1.4.1.8744.5.12.1.1.3

*read-write*

Specifies the URL of the file to which trace data will be sent. If a valid URL is not defined, the trace data cannot be sent and will be discarded.

#### **traceTimeout**

.1.3.6.1.4.1.8744.5.12.1.1.4

*read-write*

Specifies the amount of time the trace will capture data. Once this limit is reached, the trace automatically stops.

### **traceNumberOfPackets**

.1.3.6.1.4.1.8744.5.12.1.1.5 *read-write*

Specifies the maximum number of packets (IP datagrams) the trace should capture. Once this limit is reached, the trace automatically stops.

### **tracePacketSize**

.1.3.6.1.4.1.8744.5.12.1.1.6 *read-write*

Specifies the maximum number of bytes to capture for each packet. The remaining data is discarded.

### **traceCaptureFilter**

.1.3.6.1.4.1.8744.5.12.1.1.7 *read-write*

Specifies the packet filter to use to capture data. The filter expression has the same format and behavior as the expression parameter used by the well-known TCPDUMP command.

### **traceCaptureStatus**

.1.3.6.1.4.1.8744.5.12.1.1.8 *read-write*

IP Trace tool action trigger.

'stop': Stops the trace tool from functioning. If any capture was previously started it will end up. If no capture was started, 'stop' has no effect.

'start': Starts to capture the packets following the criteria specified in the management tool and in this MIB.

### **traceNotificationEnabled**

.1.3.6.1.4.1.8744.5.12.1.1.9 *read-write*

Specifies if IP trace notifications are generated.

## **COLUBRIS-TOOLS-MIB Traps**

### **traceStatusNotification**

.1.3.6.1.4.1.8744.5.12.2.0.1

Sent when the user triggers the IP Trace tool either by starting a new trace or stopping an existing session.

**Parameters:** traceCaptureStatus.



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