Dell PowerConnect W-Series Instant Access Point 6.1.3.1-3.0.0.0

MIB Reference Guide

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An Overview of This Manual

This manual is for network administrators and operators responsible for managing the Dell PowerConnect W-Series Instant Access Point.

Contents

This guide provides information about MIBs. Unless otherwise stated in the following table, each chapter provides information about the hierarchy, OIDs, and descriptions of the statistical information the MIBs provide.

Chapter	Contents
MIBs Overview	Introductory information about Dell Instant MIBs.
Using MIBs	Information and tips about Dell Instant MIB files.
Instant MIB	Information about the supported Instant MIB tables.
SNMP MIBs Reference	Reference—list of SNMP MIBs and associated OIDs.

Related Documents

The complete documentation set for Dell PowerConnect W-Series Instant Access Point 6.1.3.1-3.0.0.0 software release are:

- *Dell PowerConnect W-Series Instant Access Point MIB Reference Guide (this guide)*
- *Dell PowerConnect W-Series Instant Access Point Quick Start Guide*
- *Dell PowerConnect W-Series Instant Access Point 6.1.3.1-3.0.0.0 User Guide*
- *Dell PowerConnect W-Series Instant Access Point 6.1.3.1-3.0.0.0 Release Notes*

Frequently Used Acronyms

Table 1 defines frequently used acronyms.

Table 1 *Acronyms*

Acronym	Definition
3DES	Triple DES
ACL	Access Control List
AM	Air Monitor
AP	Access Point
ARM	Adaptive Radio Management
BSSID	Basic Service Set Identifier
CA	Certificate Authority

Table 1 *Acronyms (Continued)*

Acronym	Definition
CAC	Call Admission Control
CHAP	Challenge Handshake Authentication Protocol
CLI	Command Line Interface
CRL	Certificate Revocation List
CSA	Channel Switch Announcement
CSR	Certificate Signing Request
CW	Contention Window
DA	Destination Address
DES	Data Encryption Standard
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
DOS	Denial of Service
DPD	Dead Peer Detection
DSS	Direct Spread Spectrum
EAP	Extensible Authentication Protocol
EDCA	Enhanced Distributed Channel Access
EIRP	Effective Isotropic Radiated Power
ESI	External Services Interface
ESSID	Extended Service Set Identifier
GRE	Generic Routing Encapsulation
GUI	Graphical User Interface
HAT	Home Agent Table
HT	High Throughput
IAS	Internet Authentication Service
IDS	Intrusion Detection System
IGMP	Internet Group Management Protocol
IKE	Internet Key Exchange
IP	Internet Protocol
IV	Initialization Vectors
kB	Kilobyte
LAN	Local Area Network
LDAP	Lightweight Directory Access Protocol
LI	Listening Interval
MAC	Media Access Control

Table 1 *Acronyms (Continued)*

Acronym	Definition
MB	Megabyte
MCHAP	Microsoft Challenge Handshake Authentication Protocol
MIB	Management Information Base
NAS	Network Address Server
NAT	Network Address Translation
NIC	Network Interface Card
NTP	Network Time Protocol
OFDM	Orthogonal Frequency Division Multiplexing
OID	Object Identifier
OUI	Organizational Unit Identifier
PAP	Password Authentication Protocol
PEAP	Protected EAP
PEF	Policy Enforcement Firewall
PIN	Personal Identification Number
PoE	Power over Ethernet
PPTP	Point-to-Point Tunneling Protocol
PSK	Pre-Shared Key
QoS	Quality of Service
RADIUS	Remote Authentication Dial In User Service
RAP	Remote Access Point
RF	Radio Frequency
RMON	Remote Monitor
RSA	Rivest-Shamir-Aldeman (encryption algorithm)
SIP	Session Initiation Protocol
SNMP	Simple Network Management Protocol
SSH	Secure Shell
SSID	Service Set Identifier
TIM	Traffic Indication Map
TLS	Transport Layer Security
ToS	Type of Service
TSPEC	Traffic Specification
VLAN	Virtual Local Area Network
VoIP	Voice over IP
VPN	Virtual Private Network

Table 1 *Acronyms (Continued)*

Acronym	Definition
VRRP	Virtual Router Redundancy Protocol
VSA	Vendor Specific Attributes
WEP	Wired Equivalent Protocol
WINS	Windows Internet Naming Service
WLAN	Wireless Local Area Network
WMM	Wireless MultiMedia / Wi-Fi Multimedia
WMS	WLAN Management System
WPA	Wi-Fi Protected Access

Contacting Support

Website Support	
Main Website	dell.com
Support Website	support.dell.com
Dell Documentation	support.dell.com/manuals

Chapter 1

MIBs Overview

This chapter provides an overview of the Instant Enterprise MIBs in the following sections:

- MIBs
- SNMP

MIBs

A Management Information Base (MIB) is a virtual database that contains information that is used for network management. Each managed device contains MIBs that define the properties of that device. A separate MIB is provided for each defined property, such as the group of physical ports that are assigned to a VLAN or the statistical data of packets that are transferred at a specific rate.

MIB objects, such as a MIB table or a specific element of data in a MIB table, are identified with Object Identifiers (OIDs). The OIDs are designated by text strings and integer sequences.

The hardware MIBs are assigned under the Dell organization code, while all others are under the Dell organization code. For example, *Dell* and *1.3.6.1.4.1.14823* both represent the private enterprise node *Aruba*, as shown in Figure 1 on page 20.

Dell is the parent of the proprietary MIBs that are supported on Dell PowerConnect W-Series Mobility Controllers.

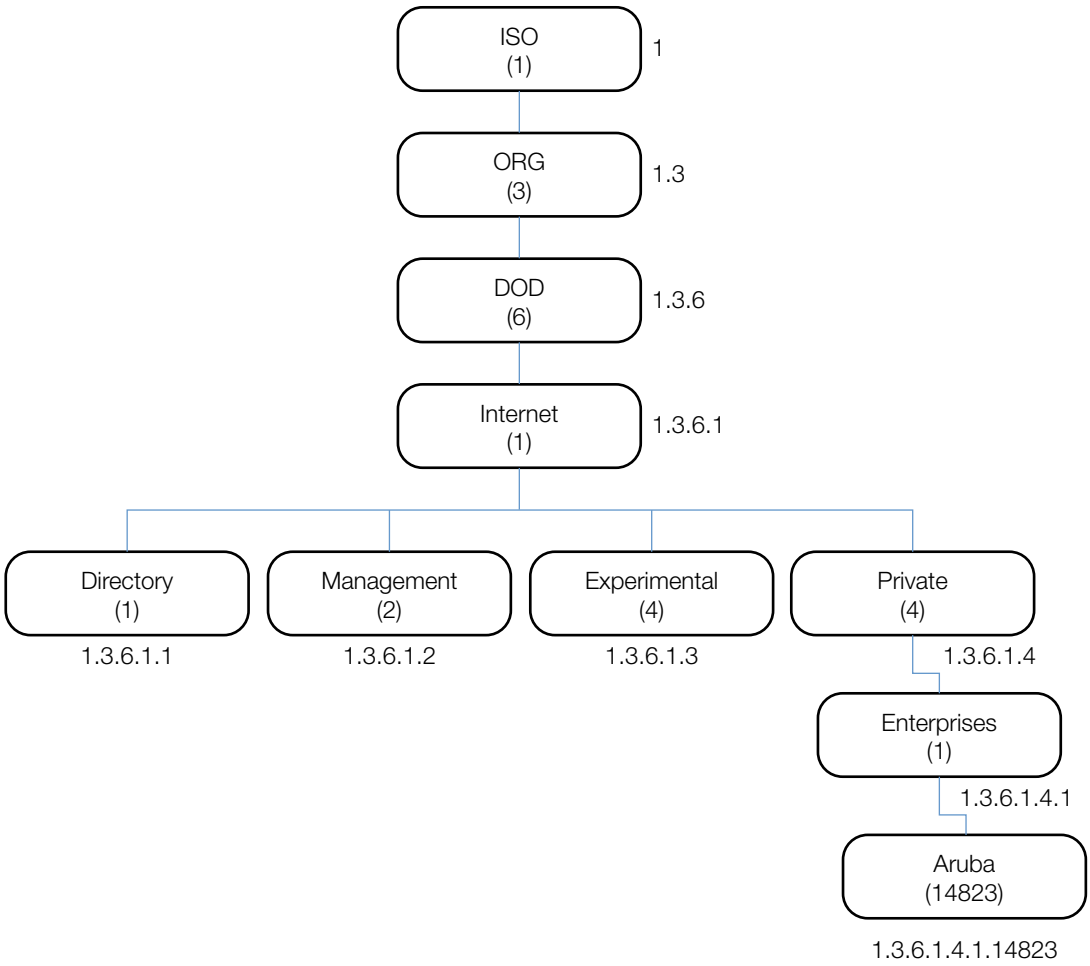
The numerical string lists the nodes of the enterprise MIB hierarchy, as shown in Table 2.

Table 2 *MIB Node Identification - Enterprise Nodes*

Integer	String	Name
1	1	OSI
3	1.3	ORG
6	1.3.6	DOD
1	1.3.6.1	Internet
4	1.3.6.1.4	Private
1	1.3.6.1.4.1	Enterprise
674	1.3.6.1.4.1.674	Dell

Figure 1 illustrates the high-level hierarchy of the MIBs. This document only covers the enterprise MIBs, objects designed to specifically support Dell devices. Standard MIBs are not covered.

Figure 1 *High-Level MIB Hierarchy*



MIB is one of the elements of Simple Network Management Protocol (SNMP), which is used to manage network devices. To deliver information between devices, every object referred to in an SNMP message must be listed in the MIB. If a component of a device is not described in a MIB, that component cannot be recognized by SNMP—there is no information for SNMP managers and SNMP agents to exchange.

The information provided by a MIB is a file that describes network elements with numerical strings. This information is compiled into readable text by the SNMP manager. For information about reading MIB text files, see "Reading MIB Files" on page 24.

SNMP

Three significant elements of SNMP are Managers, Agents, and MIBs.

- Managers (software application) are consoles that are used to communicate with and manage devices that support SNMP Agents. Managers collect information by polling Agents. Managers can also be used to send configuration updates or send controlling requests to actively manage a network device.
- Agents (software application) provide information from the network devices to the Managers. Network devices include workstations, routers, microwave radios, and other network components.

- MIBs are used for communication between the Managers and the Agents. The OIDs of the MIBs enable the Managers and Agents to communicate specific data requests and data returns.
- To ensure functionality with SNMP, MIB objects must be defined with the proper *keywords*, as shown in Table 3.

Instant Enterprise MIBs support SNMPv1, SNMPv2, and SNMPv3.

Table 3 *MIB Keywords*

Keyword	Description
Sequence	The sequence of objects of the MIB. This keyword is used mostly with entry MIB objects to list the MIB objects that exchange information.
Syntax	Textual conventions, such as *Integer32*.
Max-Access	Defines the object accessibility: *read-only*: can be retrieved but not modified *read-write:* can be retrieved and modified *not-accessible*: cannot be retrieved; it is for internal (device) use only *accessible-for-notify*: can be retrieved when a trap message (notification) is sent
Status	Defines the status of the object: *current*: up to date and valid. *deprecated.*: indicates an obsolete definition. It permits new or continued implementation to maintain interoperability with existing implementations. *obsolete*: obsolete. It should not be implemented and/or can be removed if previously implemented.
Description	A text string that describes the object.

Chapter 2

Using MIBs

This chapter provides information on and examples of using MIBs.

Downloading MIB Files

The most recent Dell MIB files are available for registered customers at: support.dell.com.

For assistance to set up an account and access files, please contact customer service. See "Contacting Support" on page 18.

Monitoring WLAN Health

This section lists SNMP MIBs that are frequently used to run health checks on Dell Instant devices, which can be performed through a MIB browser application. To retrieve information from a MIB, the following information is required:

- SNMP version
- SNMP community name—*public* or *private*
- The IP Address of the Dell PowerConnect W-Series Mobility Controller
- The OID of the MIB value you want to monitor

In addition, MIB files can be placed in the appropriate disk location to assist the user in locating desired OID values for monitoring. If MIB files need to be acquired, see Downloading MIB Files.

It is assumed that the workstation is connected to the Dell Instant and that a MIB browser is available. For most applications, the *root* of the MIB must be included in the OID—the OID begins with a decimal point as shown below.

```
.1.3.6.1.4.1.674.2.2.1.1.2.1
```

MIB Browsers

If using an application that is run through CLI (a *cmd* window), the command would resemble the following:

```
snmpget -v 2c -c <community name> <Instant IP address><MIB OID>
```

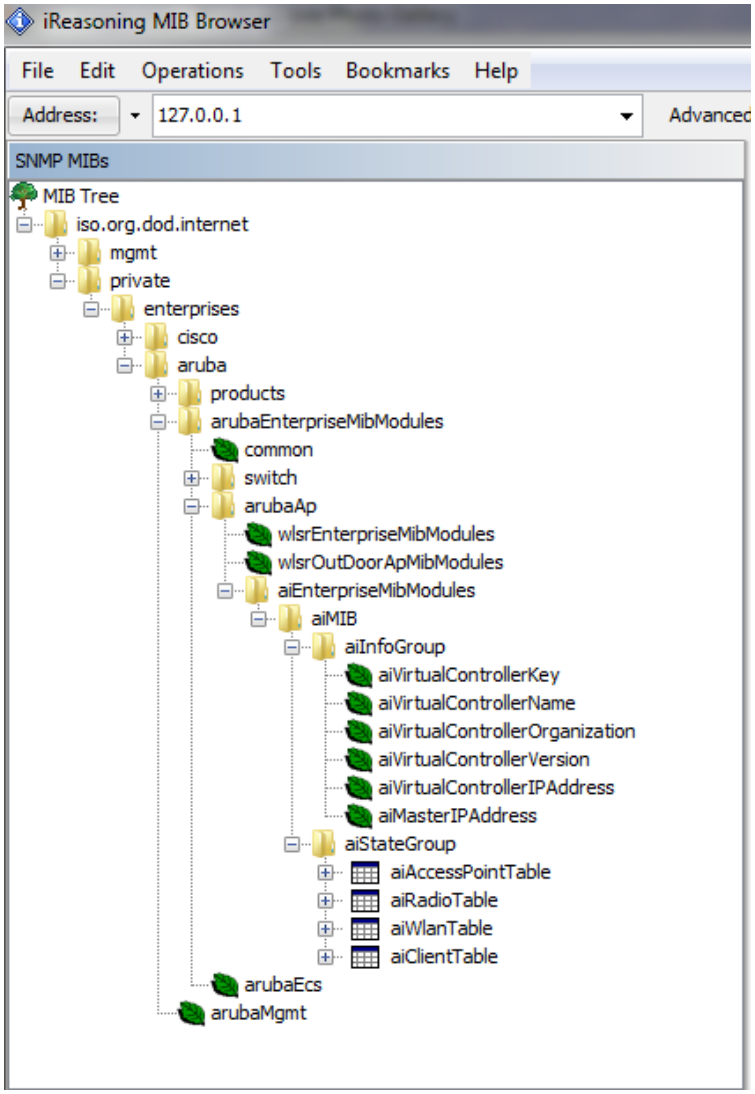
Figure 2 shows an example of submitting a command to obtain information.

Figure 2 *CLI Interface*

```
[root@localhost ~]# snmpget -v 2c -c public 10.65.77.8 .1.3.6.1.4.1.14823.2.3.3.1.1.2.0
SNMPv2-SMI::enterprises.14823.2.3.3.1.1.2.0 = STRING: "Instant-CB:A5:52"
```

Figure 3 shows how information may be obtained through a graphical user interface (GUI). The user interface and the available features vary by application.

Figure 3 *Graphical User Interface*



Reading MIB Files

This section describes how to interpret the basic components of a MIB file. To determine the OIDs, viewing the file snmp.h may be necessary, which is described in "SNMP File" on page 27. For additional information about MIB files, see "MIBs" on page 19. For a listing of SNMP MIB OIDs, see Chapter 4, "SNMP MIBs Reference" on page 45.

MIB files describe a specific component of a network device. The files are numerical strings that are converted to ASCII text by the compiler of the SNMP manager. A word processor or text editor can be used to open the ASCII file. The contents of an example Instant enterprise MIB file, *aruba-cts.my*, are described below.

Opening Line

Following is the opening line, the beginning of the MIB file.

```
AI-AP-MIB DEFINITIONS ::= BEGIN
```

Imports

The `Imports` section lists the objects that are defined in external ASN.1 files and are used in the current MIB file.

```
IMPORTS
       TEXTUAL-CONVENTION
           FROM SNMPv2-TC

       MODULE-IDENTITY,
       OBJECT-TYPE,
       snmpModules,
       Integer32,
       Counter32,
       Counter64,
       IpAddress,
       NOTIFICATION-TYPE
           FROM SNMPv2-SMI

       DisplayString,
       PhysAddress,
       TimeInterval,
       RowStatus,
       StorageType,
       TestAndIncr,
       MacAddress,
       TruthValue
       FROM SNMPv2-TC

       OBJECT-GROUP
           FROM SNMPv2-CONF
                aiEnterpriseMibModules
                        FROM ARUBA-MIB;
```

Inheritance

This section shows the vendor of the MIB and the inheritance, and provides an overall description.

A significant part of inheritance is the OID. The entire OID is not listed for each MIB object—instead, the parent of the object is shown. The OID can be determined from the parent object as follows.

aiEnterpriseMibModules is the parent object —its OID is `1.3.6.1.4.1.14823.2.3.3.`

aiStateGroup **OBJECT IDENTIFIER ::=** { **aiMIB 2** }, the OID is `1.3.6.1.4.1.14823.2.3.3.1.2.`

aiVirtualControllerKey **OBJECT-TYPE** ,the OID is 1.3.6.1.4.1.14823.2.3.3.1.1.1.0.

All MIBs and their related OIDs are listed in the snmp file of ArubaOS. For more information, see "SNMP File" on page 27.

aiEnterpriseMibModules

FROM ARUBA-MIB;

Identity

Identity is the opening description of the MIB. The information includes contact information for the vendor and a general description of the MIB.

```
aiMIB MODULE-DENTITY
      LAST-UPDATED "0804160206Z"
       ORGANIZATION "Aruba Wireless Networks"
       CONTACT-INFO
            "Postal:    1322 Crossman Avenue
                        Sunnyvale, CA 94089
            E-mail:     dl-support@arubanetworks.com
            Phone:      +1 408 227 4500"
       DESCRIPTION
           "This MIB is for managing Aruba Instant WLAN"
       REVISION        "0804160206Z"
       DESCRIPTION
           "The initial revision."
       ::= { aiEnterpriseMibModules 1 }
```

MIB Modules

MIB objects can be placed in logical groups, Group and Table. One MIB file can consist of multiple groups. A group typically contains at least one table. The table lists the MIB objects that contain the information that is exchanged.

The first object of a table is an Entry. The keyword SEQUENCE lists the objects of the table that contain device information. Each subsequent object (Informative MIB Object) inherits the OID of the Entry, and contains information sorted by keywords: Syntax, Access, Status, Description. For details about keywords, see "MIBs" on page 19.

The OID of the Entry is aiAccessPointEntry is aiAccessPointTable 1, which represents 1.3.6.1.4.1.14823.2.3.3.1.2.1.1. The OIDs of the subsequent objects of this table are appended increments of the Entry OID.

Group

```
aiStateGroup              OBJECT IDENTIFIER ::= { aiMIB 2 }
```

Table

```
aiAccessPointTable  OBJECT-TYPE
       SYNTAX       SEQUENCE OF AiAccessPointEntry
       MAX-ACCESS   not-accessible
       STATUS       current
       DESCRIPTION
                "This contains all access points connected to the
                virtual controler. This table is empty on AP where
                virtual controller is not active"
       ::= { aiStateGroup 1 }
```

Entry

```
aiAccessPointEntry OBJECT-TYPE
       SYNTAX       AiAccessPointEntry
       MAX-ACCESS   not-accessible
       STATUS       current
       DESCRIPTION
             " "
          INDEX { aiAPMACAddress }
       ::= { aiAccessPointTable 1 } AiAccessPointEntry ::=
   SEQUENCE {
        aiAPMACAddress      MacAddress,
        aiAPName            DisplayString,
        aiAPIPAddress       IpAddress,
        aiAPSerialNum       DisplayString,
        aiAPModel           OBJECT IDENTIFIER,
        aiAPModelName       DisplayString,
        aiAPCPUUtilization  Integer32,
        aiAPMemoryFree      Integer32,
        aiAPUptime          TimeTicks
```

Closing Line

Following is the closing line—the end of the MIBs file.

```
END
```

SNMP File

The snmp.h file lists the OIDs of all MIBs. Following are sections from snmp.h that show the complete OID of each of the Controller Transport Service (CTS) MIB elements. The list starts from the ancestral parent *iso*.

The SNMP file with all Dell MIBs is listed in Chapter 4, “SNMP MIBs Reference” on page 45.

All ArubaOS MIBs inherit their OIDs from the Dell MIB node. The following rows list the MIBs that precede CTS, starting from *iso*.

```
{ "iso",                          HASHNEXT("1") },

{ "org",                          HASHNEXT("1.3") },

{ "dod",                          HASHNEXT("1.3.6") },

{ "internet",                     HASHNEXT("1.3.6.1") },

{ "private",                      HASHNEXT("1.3.6.1.4") },

{ "enterprises",                  HASHNEXT("1.3.6.1.4.1") },

{ "aruba",                        HASHNEXT("1.3.6.1.4.1.14823") },

{"arubaEnterpriseMibModules",     HASHNEXT("1.3.6.1.4.1.14823.2") },
```

HP OpenView

To install the Dell module for HP OpenView, log in as the root user and execute the following script:

```
# $OV_CONTRIB/NNM/Dell/install
```

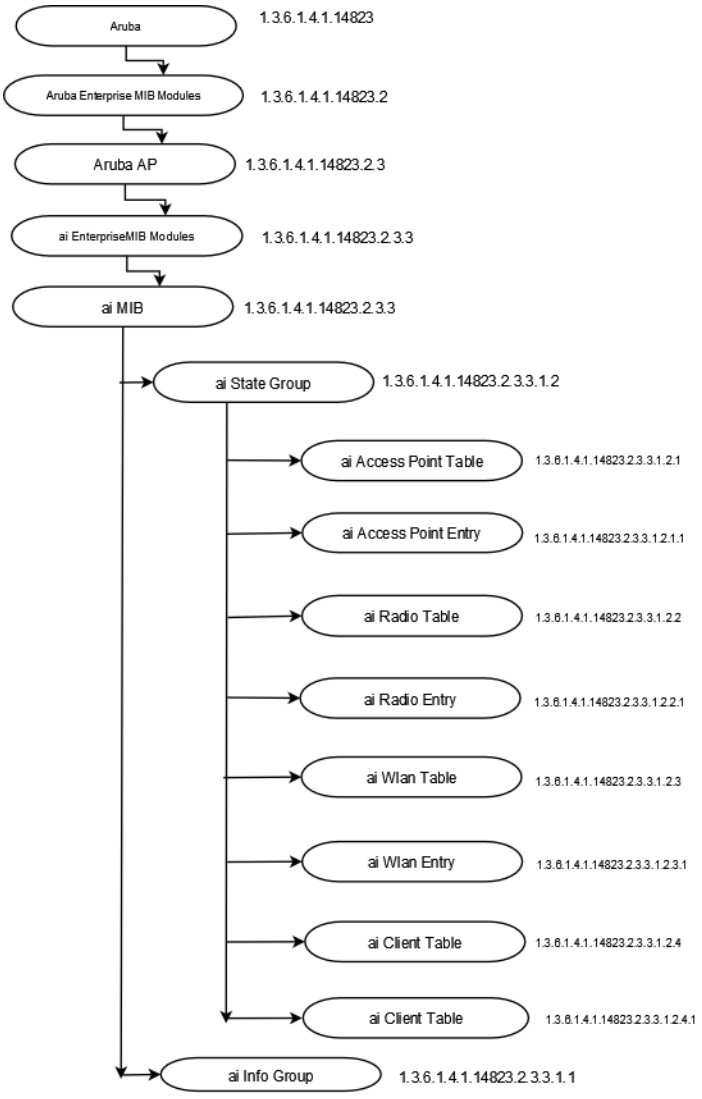
Chapter 3

Instant MIB

The chapter provides information about the Dell Instant MIB, as well as entities that are attempting to access the network.

Figure 4 shows the architecture of the Dell Instant MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.dell). The Instant MIB is listed in the file *aruba-instant.my*. For information about downloading Dell Instant MIB file, see "Downloading MIB Files" on page 23.

Figure 4 *Instant MIB Hierarchy*



The supported tables in the Instant MIB are listed and summarized in Table 4. The objects of the supported tables are described in the following sections.

The following table lists the supported tables in the Instant MIB:

Table 4 *Supported Instant MIB Tables*

Group	Description
aiAccessPointTable	Contains all the access points connected to the virtual controller. This table is indexed by the MAC Address of the IAP.
aiRadioTable	Contains all the radios of the access points connected to the virtual controller.This table is indexed by the MAC Address and radio number.
aiWlanTable	Contains all the BSSIDs that are active on the virtual controller. This table is indexed by the MAC address and a WLAN Index of the IAP.
aiClientTable	Contains information about all the clients connected to the virtual controller. When a client roams from one access point to another, all the counters in this table are reset to 0.

aiAccessPointTable

The objects of the aiAccessPointTable provide information about all the IAPs connected to the virtual controller.

Table 5 *aiAccessPointTable OIDs*

Object	Object ID	
aiAccessPointEntry	1.3.6.1.4.1.14823.2.3.3.1.2.1.1	aiAccessPointTable 1
aiAPMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.1	aiAccessPointEntry 1
aiAPName	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.2	aiAccessPointEntry 2
aiAPIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.3	aiAccessPointEntry 3
aiAPSerialNum	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.4	aiAccessPointEntry 4
aiAPModel	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.5	aiAccessPointEntry 5
aiAPModelName	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.6	aiAccessPointEntry 6
aiAPCPUUtilization	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.7	aiAccessPointEntry 7
aiAPMemoryFree	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.8	aiAccessPointEntry 8
aiAPUptime	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.9	aiAccessPointEntry 9

aiAccessPointEntry

Syntax	aiAccessPointEntry
Max-Access	not-accessible
Status	current
Description	Server entry.
Index	{ authServerName }

aiAPMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	MAC address of the Access Point.

aiAPName

Syntax	DisplayString (SIZE(0..64))
Max-Access	read-only
Status	current
Description	Name of the Access Point.

aiAPIPAddress

Syntax	IpAddress
Max-Access	read-only
Status	current
Description	IP address of the Access Point.

aiAPSerialNum

Syntax	DisplayString (SIZE(0..64))
Max-Access	read-only
Status	current
Description	Serial number of the Access Point.

aiAPModel

Syntax	OBJECT IDENTIFIER
Max-Access	read-only
Status	current
Description	Access Point System OID.

aiAPModelName

Syntax	DisplayString (SIZE(0..32))
Max-Access	read-only
Status	current
Description	Model name of the Access Point.

aiAPCPUUtilization

Syntax	Integer32
Max-Access	read-only
Status	current
Description	CPU utilization of the Access Point.

aiAPMemoryFree

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Amount of memory free in the access point in bytes.

aiAPUptime

Syntax	TimeTicks
Max-Access	read-only
Status	current
Description	Uptime of the Access Point.

aiRadioTable

The objects of the aiRadioTable provide information about all the radios and the related information of the Access Points.

Table 6 *aiRadioTable OIDs*

Object	Object ID	
aiRadioEntry	1.3.6.1.4.1.14823.2.3.3.1.2.2.1	aiRadioTable 1
aiRadioAPMacAddress	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.1	aiRadioEntry 1
aiRadioIndex	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.2	aiRadioEntry 2
aiRadioMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.3	aiRadioEntry 3
aiRadioChannel	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.4	aiRadioEntry 4
aiRadioTransmitPower	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.5	aiRadioEntry 5
aiRadioNoiseFloor	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.6	aiRadioEntry 6
aiRadioUtilization4	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.7	aiRadioEntry 7
aiRadioUtilization64	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.8	aiRadioEntry 8
aiRadioTxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.9	aiRadioEntry 9
aiRadioTxMgmtFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.10	aiRadioEntry 10
aiRadioTxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.11	aiRadioEntry 11
aiRadioTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.12	aiRadioEntry 12
aiRadioTxDrops	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.13	aiRadioEntry 13
aiRadioTxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.14	aiRadioEntry 14
aiRadioRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.15	aiRadioEntry 15
aiRadioRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.16	aiRadioEntry 16
aiRadioRxMgmtFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.17	aiRadioEntry 17
aiRadioRxBad	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.18	aiRadioEntry 18
aiRadioPhyEvents	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.19	aiRadioEntry 19

aiRadioEntry

Syntax	aiRadioEntry
Max-Access	not-accessible
Status	current
Description	Server entry.
Index	{ authServerName }

aiRadioAPMacAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	MAC Address of the Access Point where this radio is active.

aiRadioIndex

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio number of the Access Point.

aiRadioMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	Radio MAC address of the Access Point.

aiRadioChannel

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio channel of the Access Point.

aiRadioTransmitPower

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio transmit power of the Access Point.

aiRadioNoiseFloor

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio noise of the Access Point in dBm.

aiRadioUtilization4

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio channel utilization 4 second average.

aiRadioUtilization64

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Radio channel utilization 64 second average.

aiRadioTxTotalFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames transmitted.

aiRadioTxMgmtFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of management frames transmitted.

aiRadioTxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of data frames transmitted.

aiRadioTxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of data bytes transmitted.

aiRadioTxDrops

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames dropped during transmission.

aiRadioRxTotalFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received frames.

aiRadioRxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received data frames.

aiRadioRxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received data bytes.

aiRadioRxMgmtFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received management frames.

aiRadioRxBad

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames received in error.

aiRadioPhyEvents

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Number of physical layer events that indicates frames not received because of interference.

aiWlanTable

The objects of the aiWlanTable provide information about all the BSSIDs active on the virtual controller.

Table 7 *aiWlanTable OIDs*

Object	Object ID	
aiWlanEntry	1.3.6.1.4.1.14823.2.3.3.1.2.3.1	aiWlanTable 1
aiWlanAPMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.1	aiWlanEntry 1
aiWlanIndex	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.2	aiWlanEntry 2
aiWlanESSID	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.3	aiWlanEntry 3
aiWlanMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.4	aiWlanEntry 4
aiWlanTxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.5	aiWlanEntry 5
aiWlanTxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.6	aiWlanEntry 6
aiWlanTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.7	aiWlanEntry 7
aiWlanRxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.8	aiWlanEntry 8
aiWlanRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.9	aiWlanEntry 9
aiWlanRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.10	aiWlanEntry 10

aiWlanEntry

Syntax	AiWlanEntry
Max-Access	not-accessible
Status	current
Description	Server entry.
Index	{ authServerName }

aiWlanAPMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	MAC Address of the Access Point where WLAN is active.

aiWlanIndex

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Index of the WLAN. This is a unique index assigned to the active WLAN on the Access Point.

aiWlanESSID

Syntax	DisplayString
Max-Access	read-only
Status	current
Description	ESSID of the WLAN

aiWlanMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	BSSID of the WLAN

aiWlanTxTotalFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames transmitted.

aiWlanTxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of data frames transmitted.

aiWlanTxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of data bytes transmitted.

aiWlanRxTotalFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received frames.

aiWlanRxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received data frames.

aiWlanRxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of received data bytes.

aiClientTable

The objects of the aiWlanTable provide information about all the clients connected to the virtual controller.

Table 8 *aiClientTable OID*

Object	Object ID	
aiClientTable Entry	1.3.6.1.4.1.14823.2.3.3.1.2.4.1	aiClientTable 1
aiClientMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.1	aiClientEntry 1
aiClientWlanMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.2	aiClientEntry 2
aiClientIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.3	aiClientEntry 3
aiClientAPIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.4	aiClientEntry 4
aiClientName	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.5	aiClientEntry 5
aiClientOperatingSystem	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.6	aiClientEntry 6
aiClientSNR	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.7	aiClientEntry 7
aiClientRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.8	aiClientEntry 8
aiClientTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.9	aiClientEntry 9
aiClientRxRetries	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.10	aiClientEntry 10
aiClientTxRate	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.11	aiClientEntry 11
aiClientRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.12	aiClientEntry 12
aiClientRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.4.13	aiClientEntry 13
aiClientRxRetries	1.3.6.1.4.1.14823.2.3.3.1.2.4.14	aiClientEntry 14
aiClientRxRate	1.3.6.1.4.1.14823.2.3.3.1.2.4.15	aiClientEntry 15
aiClientUptime	1.3.6.1.4.1.14823.2.3.3.1.2.4.16	aiClientEntry 16

aiClientTable Entry

Syntax	aiClientTable Entry
Max-Access	not-accessible
Status	current
Description	Server entry.
Index	{ authServerName }

aiClientMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	MAC Address of the client.

aiClientWlanMACAddress

Syntax	MacAddress
Max-Access	read-only
Status	current
Description	BSSID of WLAN where client is associated.

aiClientIPAddress

Syntax	IpAddress
Max-Access	read-only
Status	current
Description	IP address of the client.

aiClientAPIPAddress

Syntax	IpAddress
Max-Access	read-only
Status	current
Description	IP Address of the associated Access Point.

aiClientName

Syntax	DisplayString
Max-Access	read-only
Status	current
Description	Name of the user using the client.

aiClientOperatingSystem

Syntax	DisplayString
Max-Access	read-only
Status	current
Description	Operating system of the client.

aiClientSNR

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Signal to noise ratio of the client connected to the Access Point

aiClientTxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames transmitted by the client.

aiClientTxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of bytes transmitted by the client.

aiClientTxRetries

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of retry frames transmitted by the client.

aiClientTxRate

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Transmission rate of the client in mbps.

aiClientRxDataFrames

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of frames received by the client in mbps.

aiClientRxDataBytes

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of bytes received by the client in mbps.

aiClientRxRetries

Syntax	Counter32
Max-Access	read-only
Status	current
Description	Total number of retry frames received by the client.

aiClientRxRate

Syntax	Integer32
Max-Access	read-only
Status	current
Description	Receiving rate of the client in mbps.

aiClientUptime

Syntax	TimeTicks
Max-Access	read-only
Status	current
Description	Client uptime. On mobility event all counters are reset to 0 and uptime resets to 0.

Chapter 4

SNMP MIBs Reference

This section provides lists of the SNMP MIB OIDs that are related to Dell PowerConnect W-Instant. The following table defines the sysObjectIds for Dell PowerConnect products.

Table 9 *SNMP OIDs returned as sysObjectID for Dell products*

SNMP MIB	OID
aiInfoGroup	1.3.6.1.4.1.14823.2.3.3.1.1
aiStateGroup	1.3.6.1.4.1.14823.2.3.3.1.2
aiVirtualControllerKey	1.3.6.1.4.1.14823.2.3.3.1.1.1.0
aiVirtualControllerName	1.3.6.1.4.1.14823.2.3.3.1.1.2.0
aiVirtualControllerOrganization	1.3.6.1.4.1.14823.2.3.3.1.1.3.0
aiVirtualControllerVersion	1.3.6.1.4.1.14823.2.3.3.1.1.4.0
aiVirtualControllerIPAddress	1.3.6.1.4.1.14823.2.3.3.1.1.5.0
aiMasterIPAddress	1.3.6.1.4.1.14823.2.3.3.1.1.6.0
aiAccessPointTable	1.3.6.1.4.1.14823.2.3.3.1.2.1
aiAccessPointEntry	1.3.6.1.4.1.14823.2.3.3.1.2.1.1
aiAPMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.1
aiAPName	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.2
aiAPIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.3
aiAPSerialNum	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.4
aiAPModel	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.5
aiAPModelName	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.6
aiAPCPUUtilization	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.7
aiAPMemoryFree	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.8
aiAPUptime	1.3.6.1.4.1.14823.2.3.3.1.2.1.1.9
aiRadioTable	1.3.6.1.4.1.14823.2.3.3.1.2.2
aiRadioEntry	1.3.6.1.4.1.14823.2.3.3.1.2.2.1
aiWlanTable	1.3.6.1.4.1.14823.2.3.3.1.2.3
aiWlanEntry	1.3.6.1.4.1.14823.2.3.3.1.2.3.1
aiClientTable	1.3.6.1.4.1.14823.2.3.3.1.2.4
aiClientEntry	1.3.6.1.4.1.14823.2.3.3.1.2.4.1
aiRadioAPMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.1
aiRadioIndex	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.2
aiRadioMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.3

Table 9 *SNMP OIDs returned as sysObjectID for Dell products (Continued)*

SNMP MIB	OID
aiRadioChannel	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.4
aiRadioTransmitPower	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.5
aiRadioNoiseFloor	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.6
aiRadioUtilization4	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.7
aiRadioUtilization64	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.8
aiRadioUtilization64	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.3
aiRadioTxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.9
aiRadioTxMgmtFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.10
aiRadioTxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.11
aiRadioTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.12
aiRadioTxDrops	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.13
aiRadioRxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.14
aiRadioRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.15
aiRadioRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.16
aiRadioRxMgmtFrames	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.17
aiRadioRxBad	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.18
aiRadioPhyEvents	1.3.6.1.4.1.14823.2.3.3.1.2.2.1.19
aiWlanAPMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.1
aiWlanIndex	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.2
aiWlanESSID	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.3
aiWlanMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.4
aiWlanTxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.5
aiWlanTxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.6
aiWlanTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.7
aiWlanRxTotalFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.8
aiWlanRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.9
aiWlanRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.3.1.10
aiClientMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.1
aiClientWlanMACAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.2
aiClientIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.3
aiClientAPIPAddress	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.4
aiClientName	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.5
aiClientOperatingSystem	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.6
aiClientSNR	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.7

Table 9 *SNMP OIDs returned as sysObjectID for Dell products (Continued)*

SNMP MIB	OID
aiClientTxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.8
aiClientTxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.9
aiClientTxRetries	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.10
aiClientTxRate	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.11
aiClientRxDataFrames	1.3.6.1.4.1.14823.2.3.3.1.2.4.1.12
aiClientRxDataBytes	1.3.6.1.4.1.14823.2.3.3.1.2.4.13
aiClientRxRetries	1.3.6.1.4.1.14823.2.3.3.1.2.4.14
aiClientRxRate	1.3.6.1.4.1.14823.2.3.3.1.2.4.15
aiClientUptime	1.3.6.1.4.1.14823.2.3.3.1.2.4.16

Chapter 5

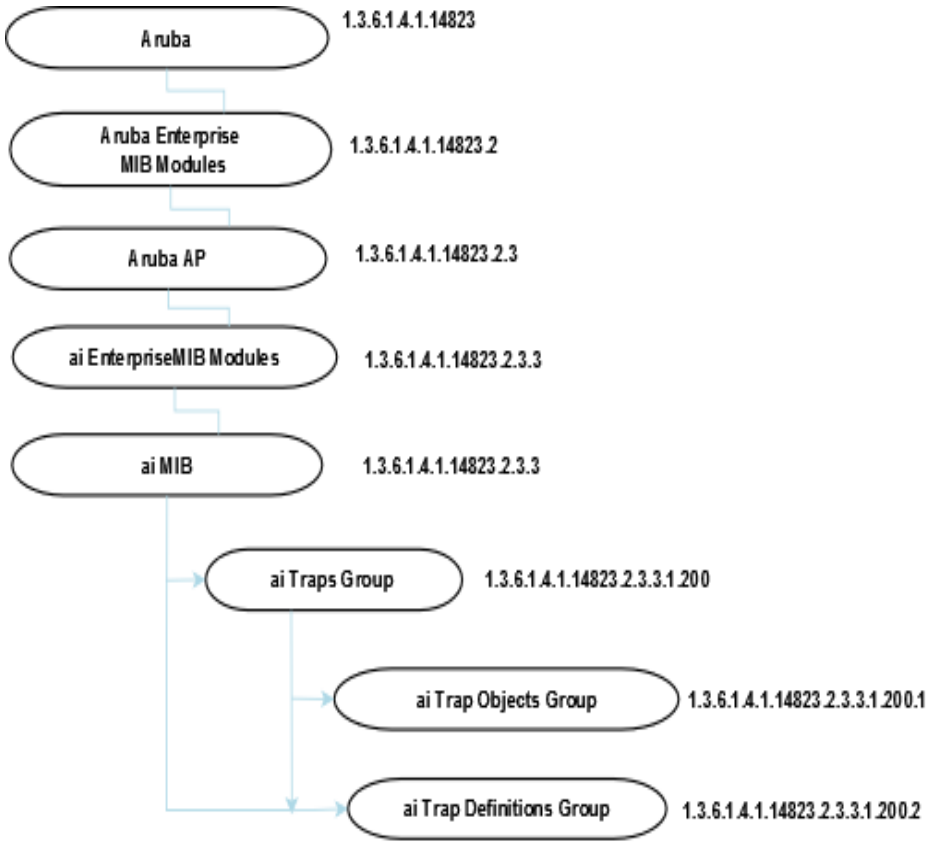
Traps

This module defines the traps that can be generated by the IAP. Traps are MIB objects (variables) that transmit information to the SNMP Manager when an event occurs. Traps are included as varbinds (variable bindings) in the trap protocol data unit (PDU). Varbinds are defined in the *Description* section below.

Figure 5 shows the architecture of the Traps MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.dell). The Traps are listed in the file *aruba-trap.my* MIB file. For information about downloading Dell MIB files, see "Downloading MIB Files" on page 23.

Trap Hierarchy

Figure 5 *Trap Hierarchy*



ai Traps Objects Group

The following table lists the supported trap objects in this group:

Table 10 *aiTraps Objects Group OIDs*

Object	Object ID	
wlsxTrapAPMacAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.1	wlsxTrapObjectsGroup 1
wlsxTrapAPIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.2	wlsxTrapObjectsGroup 2
wlsxTrapAPBSSID	1.3.6.1.4.1.14823.2.3.3.1.200.1.3	wlsxTrapObjectsGroup 3
wlsxTrapEssid	1.3.6.1.4.1.14823.2.3.3.1.200.1.4	wlsxTrapObjectsGroup 4
wlsxTrapTargetAPBSSID	1.3.6.1.4.1.14823.2.3.3.1.200.1.5	wlsxTrapObjectsGroup 5
wlsxTrapTargetAPSSID	1.3.6.1.4.1.14823.2.3.3.1.200.1.6	wlsxTrapObjectsGroup 6
wlsxTrapTargetAPChannel	1.3.6.1.4.1.14823.2.3.3.1.200.1.7	wlsxTrapObjectsGroup 7
wlsxTrapNodeMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.8	wlsxTrapObjectsGroup 8
wlsxTrapSourceMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.9	wlsxTrapObjectsGroup 9
wlsxReceiverMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.10	wlsxTrapObjectsGroup 10
wlsxTrapTransmitterMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.11	wlsxTrapObjectsGroup 11
wlsxTrapReceiverMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.12	wlsxTrapObjectsGroup 12
wlsxTrapSnr	1.3.6.1.4.1.14823.2.3.3.1.200.1.13	wlsxTrapObjectsGroup 13
wlsxTrapSignatureName	1.3.6.1.4.1.14823.2.3.3.1.200.1.14	wlsxTrapObjectsGroup 14
wlsxTrapFrameType	1.3.6.1.4.1.14823.2.3.3.1.200.1.15	wlsxTrapObjectsGroup 15
wlsxTrapAddressType	1.3.6.1.4.1.14823.2.3.3.1.200.1.16	wlsxTrapObjectsGroup 16
wlsxTrapAPLocation	1.3.6.1.4.1.14823.2.3.3.1.200.1.17	wlsxTrapObjectsGroup 17
wlsxTrapAPChannel	1.3.6.1.4.1.14823.2.3.3.1.200.1.18	wlsxTrapObjectsGroup 18
wlsxTrapAPTxPower	1.3.6.1.4.1.14823.2.3.3.1.200.1.19	wlsxTrapObjectsGroup 19
wlsxTrapMatchedMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.20	wlsxTrapObjectsGroup 20
wlsxTrapMatchedIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.21	wlsxTrapObjectsGroup 21
wlsxTrapRogueIfoURL	1.3.6.1.4.1.14823.2.3.3.1.200.1.22	wlsxTrapObjectsGroup 22
wlsxTrapVLANId	1.3.6.1.4.1.14823.2.3.3.1.200.1.23	wlsxTrapObjectsGroup 23
wlsxTrapAdminStatus	1.3.6.1.4.1.14823.2.3.3.1.200.1.24	wlsxTrapObjectsGroup 24
wlsxTrapOperStatus	1.3.6.1.4.1.14823.2.3.3.1.200.1.25	wlsxTrapObjectsGroup 25
wlsxTrapAuthServerName	1.3.6.1.4.1.14823.2.3.3.1.200.1.26	wlsxTrapObjectsGroup 26
wlsxTrapAuthServerTimeout	1.3.6.1.4.1.14823.2.3.3.1.200.1.27	wlsxTrapObjectsGroup 27
wlsxTrapCardSlot	1.3.6.1.4.1.14823.2.3.3.1.200.1.28	wlsxTrapObjectsGroup 28
wlsxTrapTemperatureValue	1.3.6.1.4.1.14823.2.3.3.1.200.1.29	wlsxTrapObjectsGroup 29
wlsxTrapProcessName	1.3.6.1.4.1.14823.2.3.3.1.200.1.30	wlsxTrapObjectsGroup 30
wlsxTrapFanNumber	1.3.6.1.4.1.14823.2.3.3.1.200.1.31	wlsxTrapObjectsGroup 31
wlsxTrapVoltageType	1.3.6.1.4.1.14823.2.3.3.1.200.1.32	wlsxTrapObjectsGroup 32

Table 10 *aiTraps Objects Group OIDs (Continued)*

Object	Object ID	
wlsxTrapVoltageValue	1.3.6.1.4.1.14823.2.3.3.1.200.1.33	wlsxTrapObjectsGroup 33
wlsxTrapStationBlackListReason	1.3.6.1.4.1.14823.2.3.3.1.200.1.34	wlsxTrapObjectsGroup 34
wlsxTrapSpoofedIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.35	wlsxTrapObjectsGroup 35
wlsxTrapSpoofedOldPhyAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.36	wlsxTrapObjectsGroup 36
wlsxTrapSpoofedNewPhyAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.37	wlsxTrapObjectsGroup 37
wlsxTrapDBName	1.3.6.1.4.1.14823.2.3.3.1.200.1.38	wlsxTrapObjectsGroup 38
wlsxTrapDBUserName	1.3.6.1.4.1.14823.2.3.3.1.200.1.39	wlsxTrapObjectsGroup 39
wlsxTrapDBIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.40	wlsxTrapObjectsGroup 40
wlsxTrapDBType	1.3.6.1.4.1.14823.2.3.3.1.200.1.41	wlsxTrapObjectsGroup 41
wlsxTrapVrrpID	1.3.6.1.4.1.14823.2.3.3.1.200.1.42	wlsxTrapObjectsGroup 42
wlsxTrapVrrpMasterIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.43	wlsxTrapObjectsGroup 43
wlsxTrapVrrpOperState	1.3.6.1.4.1.14823.2.3.3.1.200.1.44	wlsxTrapObjectsGroup 44
wlsxTrapESIServerGrpName	1.3.6.1.4.1.14823.2.3.3.1.200.1.45	wlsxTrapObjectsGroup 45
wlsxTrapESIServerName	1.3.6.1.4.1.14823.2.3.3.1.200.1.46	wlsxTrapObjectsGroup 46
wlsxTrapESIServerIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.47	wlsxTrapObjectsGroup 47
wlsxTrapLicenseDaysRemaining	1.3.6.1.4.1.14823.2.3.3.1.200.1.48	wlsxTrapObjectsGroup 48
wlsxTrapSwitchIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.49	wlsxTrapObjectsGroup 49
wlsxTrapSwitchRole	1.3.6.1.4.1.14823.2.3.3.1.200.1.50	wlsxTrapObjectsGroup 50
wlsxTrapUserIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.51	wlsxTrapObjectsGroup 51
wlsxTrapUserPhyAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.52	wlsxTrapObjectsGroup 52
wlsxTrapUserName	1.3.6.1.4.1.14823.2.3.3.1.200.1.53	wlsxTrapObjectsGroup 53
wlsxTrapUserRole	1.3.6.1.4.1.14823.2.3.3.1.200.1.54	wlsxTrapObjectsGroup 54
wlsxTrapUserAuthenticationMethod	1.3.6.1.4.1.14823.2.3.3.1.200.1.55	wlsxTrapObjectsGroup 55
wlsxTrapAPRadioNumber	1.3.6.1.4.1.14823.2.3.3.1.200.1.56	wlsxTrapObjectsGroup 56
wlsxTrapRogueInfoURL	1.3.6.1.4.1.14823.2.3.3.1.200.1.57	wlsxTrapObjectsGroup 57
wlsxTrapInterferingAPInfoURL	1.3.6.1.4.1.14823.2.3.3.1.200.1.58	wlsxTrapObjectsGroup 58
wlsxTrapPortNumber	1.3.6.1.4.1.14823.2.3.3.1.200.1.59	wlsxTrapObjectsGroup 59
wlsxTrapTime	1.3.6.1.4.1.14823.2.3.3.1.200.1.60	wlsxTrapObjectsGroup 60
wlsxTrapHostIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.61	wlsxTrapObjectsGroup 61
wlsxTrapHostPort	1.3.6.1.4.1.14823.2.3.3.1.200.1.62	wlsxTrapObjectsGroup 62
wlsxTrapConfigurationId	1.3.6.1.4.1.14823.2.3.3.1.200.1.62	wlsxTrapObjectsGroup 63
wlsxTrapCTSURL	1.3.6.1.4.1.14823.2.3.3.1.200.1.63	wlsxTrapObjectsGroup 64
wlsxTrapCTSTransferType	1.3.6.1.4.1.14823.2.3.3.1.200.1.64	wlsxTrapObjectsGroup 65
wlsxTrapConfigurationState	1.3.6.1.4.1.14823.2.3.3.1.200.1.65	wlsxTrapObjectsGroup 66

Table 10 *aiTraps Objects Group OIDs (Continued)*

Object	Object ID	
wlsxTrapUpdateFailureReason	1.3.6.1.4.1.14823.2.3.3.1.200.1.66	wlsxTrapObjectsGroup 67
wlsxTrapUpdateFailedObj	1.3.6.1.4.1.14823.2.3.3.1.200.1.67	wlsxTrapObjectsGroup 68
wlsxTrapTableEntryChangeType	1.3.6.1.4.1.14823.2.3.3.1.200.1.68	wlsxTrapObjectsGroup 69
wlsxTrapGlobalConfigObj	1.3.6.1.4.1.14823.2.3.3.1.200.1.69	wlsxTrapObjectsGroup 70
wlsxTrapTableGenNumber	1.3.6.1.4.1.14823.2.3.3.1.200.1.70	wlsxTrapObjectsGroup 71
wlsxTrapLicenseId	1.3.6.1.4.1.14823.2.3.3.1.200.1.71	wlsxTrapObjectsGroup 72
wlsxTrapConfidenceLevel	1.3.6.1.4.1.14823.2.3.3.1.200.1.72	wlsxTrapObjectsGroup 73
wlsxTrapMissingLicenses	1.3.6.1.4.1.14823.2.3.3.1.200.1.73	wlsxTrapObjectsGroup 74
wlsxVoiceCurrentNumCdr	1.3.6.1.4.1.14823.2.3.3.1.200.1.74	wlsxTrapObjectsGroup 75
wlsxTrapTunnelId	1.3.6.1.4.1.14823.2.3.3.1.200.1.75	wlsxTrapObjectsGroup 76
wlsxTrapTunnelStatus	1.3.6.1.4.1.14823.2.3.3.1.200.1.76	wlsxTrapObjectsGroup 77
wlsxTrapTunnelUpReason	1.3.6.1.4.1.14823.2.3.3.1.200.1.77	wlsxTrapObjectsGroup 78
wlsxTrapTunnelDownReason	1.3.6.1.4.1.14823.2.3.3.1.200.1.78	wlsxTrapObjectsGroup 79
wlsxTrapApSerialNumber	1.3.6.1.4.1.14823.2.3.3.1.200.1.79	wlsxTrapObjectsGroup 80
wlsxTraptimeStr	1.3.6.1.4.1.14823.2.3.3.1.200.1.80	wlsxTrapObjectsGroup 81
wlsxTrapMasterIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.81	wlsxTrapObjectsGroup 82
wlsxTrapLocalIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.82	wlsxTrapObjectsGroup 83
wlsxTrapMasterName	1.3.6.1.4.1.14823.2.3.3.1.200.1.83	wlsxTrapObjectsGroup 84
wlsxTrapLocalName	1.3.6.1.4.1.14823.2.3.3.1.200.1.84	wlsxTrapObjectsGroup 85
wlsxTrapPrimaryControllerIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.85	wlsxTrapObjectsGroup 86
wlsxTrapBackupControllerIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.86	wlsxTrapObjectsGroup 87
wlsxTrapSpoofedFrameType	1.3.6.1.4.1.14823.2.3.3.1.200.1.87	wlsxTrapObjectsGroup 88
wlsxTrapAssociationType	1.3.6.1.4.1.14823.2.3.3.1.200.1.88	wlsxTrapObjectsGroup 89
wlsxTrapDeviceIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.89	wlsxTrapObjectsGroup 90
wlsxTrapDeviceMac	1.3.6.1.4.1.14823.2.3.3.1.200.1.91	wlsxTrapObjectsGroup 91
wlsxTrapVcIpAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.92	wlsxTrapObjectsGroup 92
wlsxTrapVcMacAddress	1.3.6.1.4.1.14823.2.3.3.1.200.1.93	wlsxTrapObjectsGroup 93
wlsxTrapAPName	1.3.6.1.4.1.14823.2.3.3.1.200.1.94	wlsxTrapObjectsGroup 94
wlsxTrapApMode	1.3.6.1.4.1.14823.2.3.3.1.200.1.95	wlsxTrapObjectsGroup 95
wlsxTrapAPPrevChannel	1.3.6.1.4.1.14823.2.3.3.1.200.1.96	wlsxTrapObjectsGroup 96
wlsxTrapAPPrevChannelSec	1.3.6.1.4.1.14823.2.3.3.1.200.1.97	wlsxTrapObjectsGroup 97
wlsxTrapAPPrevTxPower	1.3.6.1.4.1.14823.2.3.3.1.200.1.98	wlsxTrapObjectsGroup 98
wlsxTrapAPCurMode	1.3.6.1.4.1.14823.2.3.3.1.200.1.99	wlsxTrapObjectsGroup 99
wlsxTrapAPPrevMode	1.3.6.1.4.1.14823.2.3.3.1.200.1.100	wlsxTrapObjectsGroup 100

Table 10 *aiTraps Objects Group OIDs (Continued)*

Object	Object ID	
wlsxTrapAPARMChangeReason	1.3.6.1.4.1.14823.2.3.3.1.200.1.101	wlsxTrapObjectsGroup 101
wlsxTrapAPChannelSec	1.3.6.1.4.1.14823.2.3.3.1.200.1.102	wlsxTrapObjectsGroup 102
wlsxTrapUserAttributeChangeType	1.3.6.1.4.1.14823.2.3.3.1.200.1.103	wlsxTrapObjectsGroup 103
wlsxTrapAPControllerIp	1.3.6.1.4.1.14823.2.3.3.1.200.1.104	wlsxTrapObjectsGroup 104
wlsxTrapApMasterStatus	1.3.6.1.4.1.14823.2.3.3.1.200.1.105	wlsxTrapObjectsGroup 105
wlsxTrapCaName	1.3.6.1.4.1.14823.2.3.3.1.200.1.106	wlsxTrapObjectsGroup 106
wlsxTrapCrlName	1.3.6.1.4.1.14823.2.3.3.1.200.1.107	wlsxTrapObjectsGroup 107
wlsxTrapCount	1.3.6.1.4.1.14823.2.3.3.1.200.1.108	wlsxTrapObjectsGroup 108

wlsxTrapAPMacAddress

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the wired MAC address of an access point, for which the trap is being raised.

wlsxTrapAPIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the IP address of an access point for which for which the trap is being raised.

wlsxTrapAPBSSID

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap.

wlsxTrapEssid

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the SSID of the access point, for which the trap is being raised.

wlsxTrapTargetAPBSSID

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the BSSID of the access point, for which we are raising the trap. If an Air Monitor is sending the trap then this will indicate AP. If an access point is sending the trap, then it will point to itself.

wlsxTrapTargetAPSSID

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the SSID of the access point, for which the trap is being raised. If an Air Monitor is sending the trap then this will indicate AP. If an access point is sending the trap, then it will point to itself.

wlsxTrapTargetAPChannel

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the channel of the access point, for which the trap is being raised. If an wlsxr monitor is sending the trap then this will indicate AP. If an access point is sending the trap, then it will point to itself.

wlsxTrapNodeMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address of a node.

wlsxTrapSourceMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address of the source.

wlsxReceiverMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address of the receiver.

wlsxTrapTransmitterMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address of the transmitter.

wlsxTrapReceiverMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address of the receiver.

wlsxTrapSnr

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the signal-to-noise ratio.

wlsxTrapSignatureName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the signature name.

wlsxTrapFrameType

Syntax	ArubaFrameType
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the frame type.

wlsxTrapAddressType

Syntax	ArubaAddressType
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the address type.

wlsxTrapAPLocation

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the location of the AP.

wlsxTrapAPChannel

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the current channel.

wlsxTrapAPTxPower

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the AP transmit power.

wlsxTrapMatchedMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the MAC address.

wlsxTrapMatchedIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the IP address.

wlsxTrapRogueIfoURL

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used to point to the WEBUI Rogue AP information URL.

wlsxTrapVLANId

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the VLAN ID.

wlsxTrapAdminStatus

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the admin status of VLAN.

wlsxTrapOperStatus

Syntax	ArubaOperStateValue
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the admin status of VLAN.

wlsxTrapAuthServerName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the authentication server used for authentication.

wlsxTrapAuthServerTimeout

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Authentication Server Timeout.

wlsxTrapCardSlot

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the slot in which this card is present.

wlsxTrapTemperatureValue

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the temperature value.

wlsxTrapProcessName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the process name.

wlsxTrapFanNumber

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the fan number.

wlsxTrapVoltageType

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the type of voltage.

wlsxTrapVoltageValue

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the voltage value in float.

wlsxTrapStationBlackListReason

Syntax	ArubaBlackListReason
Max-Access	accessible-for-notify
Status	current
Description	The reason for which a station is black listed.

wlsxTrapSpoofedIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify a spoofed IP address.

wlsxTrapSpoofedOldPhyAddress

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify an old MAC address.

wlsxTrapSpoofedNewPhyAddress

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify a new MAC address.

wlsxTrapDBName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify the name of the database.

wlsxTrapDBUserName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify the name of the database user.

wlsxTrapDBIpAddress

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify the IP address of the database.

wlsxTrapDBType

Syntax	ArubaDBType
Max-Access	accessible-for-notify
Status	current
Description	This object is used in a trap to identify the port of the user.

wlsxTrapVrrpID

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object contains the virtual router identifier.

wlsxTrapVrrpMasterIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object contains the master IP address.

wlsxTrapVrrpOperState

Syntax	ArubaVrrpState
Max-Access	accessible-for-notify
Status	current
Description	This object represents the VRRP operational state.

wlsxTrapESIServerGrpName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the External Services Interface (ESI) server group name.

wlsxTrapESIServerName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the External Services Interface (ESI) server name.

wlsxTrapESIServerIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the External Services Interface (ESI) server IP address.

wlsxTrapLicenseDaysRemaining

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the number of days remaining prior to a license expiry.

wlsxTrapSwitchIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the controller IP address.

wlsxTrapSwitchRole

Syntax	ArubaSwitchRole
Max-Access	accessible-for-notify
Status	current
Description	This object represents the role of the controller.

wlsxTrapUserIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the IP address of the user.

wlsxTrapUserPhyAddress

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the MAC address of the user.

wlsxTrapUserName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the user name.

wlsxTrapUserRole

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the Authentication method of the user.

wlsxTrapUserAuthenticationMethod

Syntax	ArubaAuthenticationMethods
Max-Access	accessible-for-notify
Status	current
Description	This object represents the Authentication method of the user.

wlsxTrapAPRadioNumber

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the radio number.

wlsxTrapRogueInfoURL

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used to point to the WEBGUI Rogue AP information URL.

wlsxTrapInterferingAPInfoURL

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used to point to the WEBGUI Rogue interfering access point information URL.

wlsxTrapPortNumber

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the port number.

wlsxTrapTime

Syntax	DateAndTime
Max-Access	accessible-for-notify
Status	current
Description	This object is used in all the enterprise traps to indicate the time when the trap is generated on the controller.

wlsxTrapHostIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the trap host.

wlsxTrapHostPort

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the trap host port.

wlsxTrapConfigurationId

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the ID of the configuration, to be used in traps.

wlsxTrapCTSURL

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the URL from which the transfer should happen.

wlsxTrapCTSTransferType

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the transfer type, upload or download.

wlsxTrapConfigurationState

Syntax	INTEGER{success(1),error(2)}
Max-Access	accessible-for-notify
Status	current
Description	This object represents the state of the configuration transfer.

wlsxTrapUpdateFailureReason

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the reason for the update failure.

wlsxTrapUpdateFailedObj

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This variable represents the AMAPI object which is the reason for the update failure.
History	Added in ArubaOS 3.1.0.0.

wlsxTrapTableEntryChangeType

Syntax	INTEGER {create(1),delete(2), modify(3)}
Max-Access	accessible-for-notify
Status	current
Description	This object represents the type of the configuration change.

wlsxTrapGlobalConfigObj

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This variable represents the AMAPI object corresponding to the global configuration change.

wlsxTrapTableGenNumber

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the generation number of a table.

wlsxTrapLicenseId

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the license ID.

wlsxTrapConfidenceLevel

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the confidence level as a percentage.

wlsxTrapMissingLicenses

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This variable indicates any licenses that are not present during a configuration update.

wlsxVoiceCurrentNumCdr

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the number of CDRs in buffer.
History	Added in ArubaOS 3.1.0.0.

wlsxTrapTunnelId

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the tunnel ID.

wlsxTrapTunnelStatus

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the tunnel status.

wlsxTrapTunnelUpReason

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the tunnel up reason.

wlsxTrapTunnelDownReason

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the tunnel down reason.

wlsxTrapApSerialNumber

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the AP serial number.

wlsxTraptimeStr

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the Time in String format.

wlsxTrapMasterIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the master IP address.

wlsxTrapLocalIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the local IP address.

wlsxTrapMasterName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the master controller name.
History	Added in ArubaOS 3.4.1

wlsxTrapLocalName

Syntax	DisplayString(Size(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object represents the local controller name.

wlsxTrapPrimaryControllerIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the IP address of the AP's primary controller.

wlsxTrapBackupControllerIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the IP address of the AP's backup controller.

wlsxTrapSpoofedFrameType

Syntax	DisplayString (SIZE(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Spoofed Frame Type

wlsxTrapAssociationType

Syntax	DisplayString (SIZE(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the type of association.

wlsxTrapDeviceIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the IP address of a device seen by an AP.

wlsxTrapDeviceMac

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the MAC address of a device seen by an AP.

wlsxTrapVcIpAddress

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the Ip Address of a Voice client.

wlsxTrapVcMacAddress

Syntax	MacAddress
Max-Access	accessible-for-notify
Status	current
Description	This object represents the MAC address of a Voice client.

wlsxTrapAPName

Syntax	DisplayString (SIZE(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Name of the AP.

wlsxTrapApMode

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This Object represents the AP Mode.

wlsxTrapAPPrevChannel

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Previous Channel.

wlsxTrapAPPrevChannelSec

Syntax	INTEGER {none(1),above(2),below(3)}
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Previous Secondary Channel.

wlsxTrapAPPrevTxPower

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate previous AP Transmit Power.

wlsxTrapAPCurMode

Syntax	INTEGER{airMonitor(1),accessPoint(2),accessPointAndMonitor(3),meshPortal(4),meshPoint(5),rfprotectSensor(6),spectrumSensor(7)}
Max-Access	accessible-for-notify
Status	current
Description	This Object represents the APs Current Mode.

wlsxTrapAPPrevMode

Syntax	INTEGER{airMonitor(1),accessPoint(2),accessPointAndMonitor(3),meshPortal(4),meshPoint(5),rfprotectSensor(6),spectrumSensor(7)}
Max-Access	accessible-for-notify
Status	current
Description	This Object represents the APs Previous Mode.

wlsxTrapAPARMChangeReason

Syntax	INTEGER{radarDetected(1),radarCleared(2),txHang(3),txHangClear(4),fortyMhzIntol(5),cancel40mhzIntol(6),fortyMhzAlign(7),armInterference(8),armInvalidCh(9),armErrorThresh(10),armNoiseThresh(11),armEmptyCh(12),armRogueCont(13),armDecreasePower(14),armIncreasePower(15),armTurnOffRadio(16),armTurnOnRadio(17)}
Max-Access	accessible-for-notify
Status	current
Description	This Object represents the APs Previous Mode.

wlsxTrapAPChannelSec

Syntax	INTEGER {none(1),above(2),below(3)}
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the Current Secondary Channel.

wlsxTrapUserAttributeChangeType

Syntax	INTEGER {create(1),delete(2),modify(3)}
Max-Access	accessible-for-notify
Status	current
Description	This object represents type of the configuration change.

wlsxTrapAPControllerIp

Syntax	IpAddress
Max-Access	accessible-for-notify
Status	current
Description	IP address of the controller to which the AP is (or was most recently) registered.

wlsxTrapApMasterStatus

Syntax	INTEGER {create(1),delete(2),modify(3)}
Max-Access	accessible-for-notify
Status	current
Description	Status of the AP as seen by the master when the status changes.

wlsxTrapCaName

Syntax	DisplayString (SIZE(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the name of the trustpoint.

wlsxTrapCrlName

Syntax	DisplayString (SIZE(0..64))
Max-Access	accessible-for-notify
Status	current
Description	This object is used in the traps to indicate the name of the crl.

wlsxTrapCount

Syntax	Integer32
Max-Access	accessible-for-notify
Status	current
Description	This object represents the number of occurrence of this trap.

ai Traps Definitions Group

Table 11 *ai Traps Definitions Group OIDs*

Object	Object ID	
wlsxNUserEntryCreated	1.3.6.1.4.1.14823.2.3.3.1.200.2.1014	wlsxTrapDefinitionsGroup 1014
wlsxNUserEntryDeleted	1.3.6.1.4.1.14823.2.3.3.1.200.2.1015	wlsxTrapDefinitionsGroup 1015
wlsxNUserEntryAuthenticated	1.3.6.1.4.1.14823.2.3.3.1.200.2.1016	wlsxTrapDefinitionsGroup 1016
wlsxNUserEntryDeAuthenticated	1.3.6.1.4.1.14823.2.3.3.1.200.2.1017	wlsxTrapDefinitionsGroup 1017
wlsxNUserAuthenticationFailed	1.3.6.1.4.1.14823.2.3.3.1.200.2.1018	wlsxTrapDefinitionsGroup 1018
wlsxNAuthServerReqTimedOut	1.3.6.1.4.1.14823.2.3.3.1.200.2.1019	wlsxTrapDefinitionsGroup 1019
wlsxNAuthServerTimedOut	1.3.6.1.4.1.14823.2.3.3.1.200.2.1020	wlsxTrapDefinitionsGroup 1020
wlsxNAuthServerIsUp	1.3.6.1.4.1.14823.2.3.3.1.200.2.1021	wlsxTrapDefinitionsGroup 1021
wlsxNAccessPointIsUp	1.3.6.1.4.1.14823.2.3.3.1.200.2.1040	wlsxTrapDefinitionsGroup 1040
wlsxNAccessPointIsDown	1.3.6.1.4.1.14823.2.3.3.1.200.2.1041	wlsxTrapDefinitionsGroup 1041
wlsxNChannelChanged	1.3.6.1.4.1.14823.2.3.3.1.200.2.1043	wlsxTrapDefinitionsGroup 1043
wlsxNRadioAttributesChanged	1.3.6.1.4.1.14823.2.3.3.1.200.2.1049	wlsxTrapDefinitionsGroup 1049
wlsxUnsecureAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1053	wlsxTrapDefinitionsGroup 1053
wlsxUnsecureAPResolved	1.3.6.1.4.1.14823.2.3.3.1.200.2.1054	wlsxTrapDefinitionsGroup 1054
wlsxStaImpersonation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1055	wlsxTrapDefinitionsGroup 1055
wlsxReservedChannelViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1056	wlsxTrapDefinitionsGroup 1056
wlsxValidSSIDViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1057	wlsxTrapDefinitionsGroup 1057
wlsxChannelMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1058	wlsxTrapDefinitionsGroup 1058
wlsxOUIMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1059	wlsxTrapDefinitionsGroup 1059
wlsxSSIDMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1060	wlsxTrapDefinitionsGroup 1060

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxShortPreableMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1061	wlsxTrapDefinitionsGroup 1061
wlsxWPAMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1062	wlsxTrapDefinitionsGroup 1062
wlsxAdhocNetworkDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1063	wlsxTrapDefinitionsGroup 1063
wlsxAdhocNetworkRemoved	1.3.6.1.4.1.14823.2.3.3.1.200.2.1064	wlsxTrapDefinitionsGroup 1064
wlsxStaPolicyViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1065	wlsxTrapDefinitionsGroup 1065
wlsxRepeatWEPIVViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1066	wlsxTrapDefinitionsGroup 1066
wlsxWeakWEPIVViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1067	wlsxTrapDefinitionsGroup 1067
wlsxChannelInterferenceDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1068	wlsxTrapDefinitionsGroup 1068
wlsxChannelInterferenceCleared	1.3.6.1.4.1.14823.2.3.3.1.200.2.1069	wlsxTrapDefinitionsGroup 1069
wlsxAPInterferenceDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1070	wlsxTrapDefinitionsGroup 1070
wlsxAPInterferenceCleared	1.3.6.1.4.1.14823.2.3.3.1.200.2.1071	wlsxTrapDefinitionsGroup 1071
wlsxStaInterferenceDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1072	wlsxTrapDefinitionsGroup 1072
wlsxStaInterferenceCleared	1.3.6.1.4.1.14823.2.3.3.1.200.2.1073	wlsxTrapDefinitionsGroup 1073
wlsxFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1074	wlsxTrapDefinitionsGroup 1074
wlsxFrameReceiveErrorRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1075	wlsxTrapDefinitionsGroup 1075
wlsxFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1076	wlsxTrapDefinitionsGroup 1076
wlsxFrameBandWidthRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1077	wlsxTrapDefinitionsGroup 1077
wlsxFrameLowSpeedRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1078	wlsxTrapDefinitionsGroup 1078
wlsxFrameNonUnicastRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1079	wlsxTrapDefinitionsGroup 1079
wlsxLoadbalancingEnabled	1.3.6.1.4.1.14823.2.3.3.1.200.2.1080	wlsxTrapDefinitionsGroup 1080
wlsxLoadbalancingDisabled	1.3.6.1.4.1.14823.2.3.3.1.200.2.1081	wlsxTrapDefinitionsGroup 1081

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxChannelFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1082	wlsxTrapDefinitionsGroup 1082
wlsxChannelFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1083	wlsxTrapDefinitionsGroup 1083
wlsxChannelFrameErrorRateExceeded	1.3.6.1.4.1.14823.2.3.3.1.200.2.1084	wlsxTrapDefinitionsGroup 1084
wlsxSignatureMatchAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1085	wlsxTrapDefinitionsGroup 1085
wlsxSignatureMatchSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1086	wlsxTrapDefinitionsGroup 1086
wlsxChannelRateAnomaly	1.3.6.1.4.1.14823.2.3.3.1.200.2.1087	wlsxTrapDefinitionsGroup 1087
wlsxNodeRateAnomalyAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1088	wlsxTrapDefinitionsGroup 1088
wlsxNodeRateAnomalySta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1089	wlsxTrapDefinitionsGroup 1089
wlsxEAPRateAnomaly	1.3.6.1.4.1.14823.2.3.3.1.200.2.1090	wlsxTrapDefinitionsGroup 1090
wlsxSignalAnomaly	1.3.6.1.4.1.14823.2.3.3.1.200.2.1091	wlsxTrapDefinitionsGroup 1091
wlsxSequenceNumberAnomalyAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1092	wlsxTrapDefinitionsGroup 1092
wlsxSequenceNumberAnomalySta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1093	wlsxTrapDefinitionsGroup 1093
wlsxDisconnectStationAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1094	wlsxTrapDefinitionsGroup 1094
wlsxApFloodAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1095	wlsxTrapDefinitionsGroup 1095
wlsxAdhocNetwork	1.3.6.1.4.1.14823.2.3.3.1.200.2.1096	wlsxTrapDefinitionsGroup 1096
wlsxWirelessBridge	1.3.6.1.4.1.14823.2.3.3.1.200.2.1097	wlsxTrapDefinitionsGroup 1097
wlsxInvalidMacOUIAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1098	wlsxTrapDefinitionsGroup 1098
wlsxInvalidMacOUISta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1099	wlsxTrapDefinitionsGroup 1099
wlsxWEPMisconfiguration	1.3.6.1.4.1.14823.2.3.3.1.200.2.1100	wlsxTrapDefinitionsGroup 1100
wlsxStaRepeatWEPIVViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1101	wlsxTrapDefinitionsGroup 1101
wlsxStaWeakWEPIVViolation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1102	wlsxTrapDefinitionsGroup 1102

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxStaAssociatedToUnsecureAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1103	wlsxTrapDefinitionsGroup 1103
wlsxStaUnAssociatedFromUnsecureAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1104	wlsxTrapDefinitionsGroup 1104
wlsxAdhocNetworkBridgeDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1105	wlsxTrapDefinitionsGroup 1105
wlsxInterferingApDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1106	wlsxTrapDefinitionsGroup 1106
wlsxColdStart	1.3.6.1.4.1.14823.2.3.3.1.200.2.1111	wlsxTrapDefinitionsGroup 1111
wlsxWarmStart	1.3.6.1.4.1.14823.2.3.3.1.200.2.1112	wlsxTrapDefinitionsGroup 1112
wlsxAPImpersonation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1113	wlsxTrapDefinitionsGroup 1113
wlsxNAuthServerIsDown	1.3.6.1.4.1.14823.2.3.3.1.200.2.1115	wlsxTrapDefinitionsGroup 1115
wlsxWindowsBridgeDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1129	wlsxTrapDefinitionsGroup 1129
wlsxSignAPNetstumbler	1.3.6.1.4.1.14823.2.3.3.1.200.2.1134	wlsxTrapDefinitionsGroup 1134
wlsxSignStaNetstumbler	1.3.6.1.4.1.14823.2.3.3.1.200.2.1135	wlsxTrapDefinitionsGroup 1135
wlsxSignAPAsleap	1.3.6.1.4.1.14823.2.3.3.1.200.2.1136	wlsxTrapDefinitionsGroup 1136
wlsxSignStaAsleap	1.3.6.1.4.1.14823.2.3.3.1.200.2.1137	wlsxTrapDefinitionsGroup 1137
wlsxSignAPAirjack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1138	wlsxTrapDefinitionsGroup 1138
wlsxSignStaAirjack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1139	wlsxTrapDefinitionsGroup 1139
wlsxSignAPNullProbeResp	1.3.6.1.4.1.14823.2.3.3.1.200.2.1140	wlsxTrapDefinitionsGroup 1140
wlsxSignStaNullProbeResp	1.3.6.1.4.1.14823.2.3.3.1.200.2.1141	wlsxTrapDefinitionsGroup 1141
wlsxSignAPDeauthBcast	1.3.6.1.4.1.14823.2.3.3.1.200.2.1142	wlsxTrapDefinitionsGroup 1142
wlsxSignStaDeauthBcast	1.3.6.1.4.1.14823.2.3.3.1.200.2.1143	wlsxTrapDefinitionsGroup 1143
wlsxWindowsBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1144	wlsxTrapDefinitionsGroup 1144
wlsxWindowsBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1145	wlsxTrapDefinitionsGroup 1145

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxAdhocNetworkBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1146	wlsxTrapDefinitionsGroup 1146
wlsxAdhocNetworkBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1147	wlsxTrapDefinitionsGroup 1147
wlsxDisconnectStationAttackAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1148	wlsxTrapDefinitionsGroup 1148
wlsxDisconnectStationAttackSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1149	wlsxTrapDefinitionsGroup 1149
wlsxSuspectUnsecureAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1150	wlsxTrapDefinitionsGroup 1150
wlsxSuspectUnsecureAPResolved	1.3.6.1.4.1.14823.2.3.3.1.200.2.1151	wlsxTrapDefinitionsGroup 1151
wlsxHtGreenfieldSupported	1.3.6.1.4.1.14823.2.3.3.1.200.2.1157	wlsxTrapDefinitionsGroup 1157
wlsxHT40MHzIntoleranceAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1158	wlsxTrapDefinitionsGroup 1158
wlsxHT40MHzIntoleranceSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1159	wlsxTrapDefinitionsGroup 1159
wlsxNAdhocNetwork	1.3.6.1.4.1.14823.2.3.3.1.200.2.1161	wlsxTrapDefinitionsGroup 1161
wlsxNAdhocNetworkBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1162	wlsxTrapDefinitionsGroup 1162
wlsxNAdhocNetworkBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.3.1.200.2.1163	wlsxTrapDefinitionsGroup 1163
wlsxClientFloodAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1170	wlsxTrapDefinitionsGroup 1170
wlsxValidClientNotUsingEncryption	1.3.6.1.4.1.14823.2.3.3.1.200.2.1171	wlsxTrapDefinitionsGroup 1171
wlsxAdhocUsingValidSSID	1.3.6.1.4.1.14823.2.3.3.1.200.2.1172	wlsxTrapDefinitionsGroup 1172
wlsxAPSpoofingDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1173	wlsxTrapDefinitionsGroup 1173
wlsxClientAssociatingOnWrongChannel	1.3.6.1.4.1.14823.2.3.3.1.200.2.1174	wlsxTrapDefinitionsGroup 1174
wlsxNDisconnectStationAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1175	wlsxTrapDefinitionsGroup 1175
wlsxNStaUnAssociatedFromUnsecureAP	1.3.6.1.4.1.14823.2.3.3.1.200.2.1176	wlsxTrapDefinitionsGroup 1176
wlsxOmertaAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1177	wlsxTrapDefinitionsGroup 1177
wlsxTKIPReplayAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1178	wlsxTrapDefinitionsGroup 1178

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxChopChopAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1179	wlsxTrapDefinitionsGroup 1179
wlsxFataJackAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1180	wlsxTrapDefinitionsGroup 1180
wlsxInvalidAddressCombination	1.3.6.1.4.1.14823.2.3.3.1.200.2.1181	wlsxTrapDefinitionsGroup 1181
wlsxValidClientMisassociation	1.3.6.1.4.1.14823.2.3.3.1.200.2.1182	wlsxTrapDefinitionsGroup 1182
wlsxMalformedHTIEDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1183	wlsxTrapDefinitionsGroup 1183
wlsxMalformedAssocReqDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1184	wlsxTrapDefinitionsGroup 1184
wlsxOverflowIEDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1185	wlsxTrapDefinitionsGroup 1185
wlsxOverflowEAPOLKeyDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1186	wlsxTrapDefinitionsGroup 1186
wlsxMalformedFrameLargeDurationDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1187	wlsxTrapDefinitionsGroup 1187
wlsxMalformedFrameWrongChannelDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1188	wlsxTrapDefinitionsGroup 1188
wlsxMalformedAuthFrame	1.3.6.1.4.1.14823.2.3.3.1.200.2.1189	wlsxTrapDefinitionsGroup 1189
wlsxCTSRateAnomaly	1.3.6.1.4.1.14823.2.3.3.1.200.2.1190	wlsxTrapDefinitionsGroup 1190
wlsxRTSRateAnomaly	1.3.6.1.4.1.14823.2.3.3.1.200.2.1191	wlsxTrapDefinitionsGroup 1191
wlsxNRogueAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1192	wlsxTrapDefinitionsGroup 1192
wlsxNRogueAPResolved	1.3.6.1.4.1.14823.2.3.3.1.200.2.1193	wlsxTrapDefinitionsGroup 1193
wlsxNeighborAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1194	wlsxTrapDefinitionsGroup 1194
wlsxNInterferingAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1195	wlsxTrapDefinitionsGroup 1195
wlsxNSuspectRogueAPDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1196	wlsxTrapDefinitionsGroup 1196
wlsxNSuspectRogueAPResolved	1.3.6.1.4.1.14823.2.3.3.1.200.2.1197	wlsxTrapDefinitionsGroup 1197
wlsxBlockAckAttackDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1198	wlsxTrapDefinitionsGroup 1198
wlsxHotspotterAttackDetected	1.3.6.1.4.1.14823.2.3.3.1.200.2.1199	wlsxTrapDefinitionsGroup 1199

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxNSignatureMatch	1.3.6.1.4.1.14823.2.3.3.1.200.2.1200	wlsxTrapDefinitionsGroup 1200
wlsxNSignatureMatchNetstumbler	1.3.6.1.4.1.14823.2.3.3.1.200.2.1201	wlsxTrapDefinitionsGroup 1201
wlsxNSignatureMatchAsleap	1.3.6.1.4.1.14823.2.3.3.1.200.2.1202	wlsxTrapDefinitionsGroup 1202
wlsxNSignatureMatchAirjack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1203	wlsxTrapDefinitionsGroup 1203
wlsxNSignatureMatchNullProbeResp	1.3.6.1.4.1.14823.2.3.3.1.200.2.1204	wlsxTrapDefinitionsGroup 1204
wlsxNSignatureMatchDeauthBcast	1.3.6.1.4.1.14823.2.3.3.1.200.2.1205	wlsxTrapDefinitionsGroup 1205
wlsxNSignatureMatchDisassocBcast	1.3.6.1.4.1.14823.2.3.3.1.200.2.1206	wlsxTrapDefinitionsGroup 1206
wlsxNSignatureMatchWellenreiter	1.3.6.1.4.1.14823.2.3.3.1.200.2.1207	wlsxTrapDefinitionsGroup 1207
wlsxAPDeauthContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1208	wlsxTrapDefinitionsGroup 1208
wlsxClientDeauthContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1209	wlsxTrapDefinitionsGroup 1209
wlsxAPWiredContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1210	wlsxTrapDefinitionsGroup 1210
wlsxClientWiredContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1211	wlsxTrapDefinitionsGroup 1211
wlsxAPTaggedWiredContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1212	wlsxTrapDefinitionsGroup 1212
wlsxClientTaggedWiredContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1213	wlsxTrapDefinitionsGroup 1213
wlsxTarpitContainment	1.3.6.1.4.1.14823.2.3.3.1.200.2.1214	wlsxTrapDefinitionsGroup 1214
wlsxAPChannelChange	1.3.6.1.4.1.14823.2.3.3.1.200.2.1216	wlsxTrapDefinitionsGroup 1216
wlsxAPPowerChange	1.3.6.1.4.1.14823.2.3.3.1.200.2.1217	wlsxTrapDefinitionsGroup 1217
wlsxAPModeChange	1.3.6.1.4.1.14823.2.3.3.1.200.2.1218	wlsxTrapDefinitionsGroup 1218
wlsxUserEntryAttributesChanged	1.3.6.1.4.1.14823.2.3.3.1.200.2.1219	wlsxTrapDefinitionsGroup 1219
wlsxPowerSaveDosAttack	1.3.6.1.4.1.14823.2.3.3.1.200.2.1220	wlsxTrapDefinitionsGroup 1220
wlsxNAPMasterStatusChange	1.3.6.1.4.1.14823.2.3.3.1.200.2.1221	wlsxTrapDefinitionsGroup 1221

Table 11 *ai Traps Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxNAdhocUsingValidSSID	1.3.6.1.4.1.14823.2.3.3.1.200.2.1022	wlsxTrapDefinitionsGroup 1222
wlsxMgmtUserAuthenticationFailed	1.3.6.1.4.1.14823.2.3.3.1.200.2.1024	wlsxTrapDefinitionsGroup 1224

wlsxNUserEntryCreated

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress
Status	current
Description	This trap indicates that a new user was created.

wlsxNUserEntryDeleted

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress
Status	current
Description	This trap indicates that a user was deleted.

wlsxNUserEntryAuthenticated

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapUserName, wlsxTrapUserAuthenticatio Method, wlsxTrapUserRole
Status	current
Description	This trap indicates that a user is Authenticated.

wlsxNUserEntryDeAuthenticated

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress
Status	current
Description	This trap indicates that a user is Deauthenticated.

wlsxNUserAuthenticationFailed

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress
Status	current
Description	This trap indicates that a user authentication has failed.

wlsxNAuthServerReqTimedOut

Objects	wlsxTrapTime, wlsxTrapAuthServerName
Status	current
Description	This trap indicates that the authentication server request timed out.

wlsxNAuthServerTimedOut

Objects	wlsxTrapTime, wlsxTrapAuthServerName, wlsxTrapAuthServerTimeout
Status	current
Description	This trap indicates that the authentication server timed out.

wlsxNAuthServerIsUp

Objects	wlsxTrapTime, wlsxTrapAuthServerName
Status	current
Description	This trap indicates that an authentication server is up.

wlsxNAccessPointIsUp

Objects	wlsxTrapTime, wlsxTrapAPMacAddress
Status	current
Description	A Trap which indicates that an access point up.

wlsxNAccessPointIsDown

Objects	wlsxTrapTime, wlsxTrapAPMacAddress
Status	current
Description	A Trap which indicates that an access point down.

wlsxNChannelChanged

Objects	wlsxTrapTime, wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an access point at Location wlsxTrapAPLocation has changed the channel.

wlsxNRadioAttributesChanged

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPIpAddress, wlsxTrapAPChannel, wlsxTrapAPTxPower }
Status	current
Description	A Trap which indicates changes in the Radio attributes of an access point.

wlsxUnsecureAPDetected

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber,wlsxTrapAPLocation,wlsxTrapAPChannel,wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapRogueInfoURL}
Status	current
Description	This trap indicates that an unauthorized access point is connected to the wired network. The access point is declared Rogue because it was matched to a MAC address.

wlsxUnsecureAPResolved

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that a previously detected access point, classified as Rogue, is no longer present in the network.

wlsxStaImpersonation

Objects	{ wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AM detected Station Impersonation.

wlsxReservedChannelViolation

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM detected an access point which is violating the Reserved Channel configuration.

wlsxValidSSIDViolation

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected an access point is violating Valid SSID configuration by using an SSID that is reserved for use by a valid AP only.

wlsxChannelMisconfiguration

Objects	{wlsxTrapTime, wlsxTrap, TargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an access point that has a channel misconfiguration because it is using a channel that is not valid.

wlsxOUIMisconfiguration

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an access point that has an OUI misconfiguration because it is using an OUI that is not valid.

wlsxSSIDMisconfiguration

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an access point that has an SSID misconfiguration because it is using an SSID that is not valid.

wlsxShortPreableMisconfiguration

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an access point has bad Short preambleconfiguration.

wlsxWPAMisconfiguration

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an access point that is misconfigured because it is not using WPA.

wlsxAdhocNetworkDetected

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM has detected an Ad hocnetwork.

wlsxAdhocNetworkRemoved

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that a previously detected Ad hoc Network is no longer present in the network.

wlsxStaPolicyViolation

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that Protection was enforced because a valid station's association to a non-valid access point violated Valid Station policy. For more info check:http://www.wve.org/entries/show/WVE-2005-0008 http://www.wve.org/entries/show/WVE-2005-0019.

wlsxRepeatWEPIVViolation

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a valid access point is using the same WEP initialization vector in consecutive packets.

wlsxWeakWEPIVViolation

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a valid access point is using a Weak WEP initialization vector. For more info check:http://www.wve.org/entries/show/WVE-2005-0021

wlsxChannelInterferenceDetected

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected channel interference.

wlsxChannelInterferenceCleared

Objects	{wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that a previously detected channel interference is no longer present.

wlsxAPInterferenceDetected

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected interference for an access point.

wlsxAPInterferenceCleared

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that the previously detected interference for an access point is no longer present.

wlsxStaInterferenceDetected

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected interference for a station.

wlsxStaInterferenceCleared

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation,wlsxTrapAPChannel }
Status	current
Description	This trap indicates that the previously detected interference for a station is no longer present.

wlsxFrameRetryRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that an access point has exceeded the configured upper threshold for Frame Retry Rate.

wlsxFrameReceiveErrorRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected that an access point has exceeded the configured upper threshold for Frame Receive Error Rate.

wlsxFrameFragmentationRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected that an access point exceeded the configured upper threshold for Frame Fragmentation Rate.

wlsxFrameBandWidthRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a station or access point has exceeded the configured upper threshold for Bandwidth rate.

wlsxFrameLowSpeedRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a station has exceeded the configured upper threshold for Low speed rate.

wlsxFrameNonUnicastRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that station has exceeded the configured upper threshold for Non Unicast traffic rate.

wlsxLoadbalancingEnabled

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM is reporting that an AP has enabled Load balancing.

wlsxLoadbalancingDisabled

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM is reporting that an AP has disabled Load balancing.

wlsxChannelFrameRetryRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected that the configured upper threshold for Frame Retry Rate was exceeded on a channel.

wlsxChannelFrameFragmentationRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected that the configured upper threshold for Frame Fragmentation Rate was exceeded on a channel.

wlsxChannelFrameErrorRateExceeded

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP has detected that the configured upper threshold for Frame Receive Error Rate was exceeded on a channel.

wlsxSignatureMatchAP

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber,wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match in a frame from an access point.

wlsxSignatureMatchSta

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match in a frame from a Station.

wlsxChannelRateAnomaly

Objects	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber,wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected frames on a channel which exceed the configured IDS rate threshold. For more info check:http://www.wve.org/entries/show/WVE-2005-0052 http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0047 http://www.wve.org/entries/show/WVE-2005-0048

wlsxNodeRateAnomalyAP

Objects	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected frames transmitted or received by an access point, which exceed the configured IDS rate threshold. For more info check:http://www.wve.org/entries/show/WVE-2005-0052 http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0047 http://www.wve.org/entries/show/WVE-2005-0048

wlsxNodeRateAnomalySta

Objects	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected frames transmitted or received by a node, which exceed the configured IDS rate threshold.

wlsxEAPRateAnomaly

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that the rate of EAP Handshake packets received by an AP has exceeded the configured IDS EAP Handshake rate threshold. For more info check:http://www.wve.org/entries/show/WVE-2005-0049

wlsxSignalAnomaly

Objects	{wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM detected a Signal Anomaly.

wlsxSequenceNumberAnomalyAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AM received packets from an AP which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS configuration object. For more info check:http://www.wve.org/entries/show/WVE-2005-0061 http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0008 http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0047 http://www.wve.org/entries/show/WVE-2005-0048

wlsxSequenceNumberAnomalySta

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	The acceptable sequence number difference is an IDS configuration object. For more info check:http://www.wve.org/entries/show/WVE-2005-0061 http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0008 http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0047 http://www.wve.org/entries/show/WVE-2005-0048

wlsxDisconnectStationAttack

Objects	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AM detected a station Disconnect attack. For more info check:http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046http://www.wve.org/entries/show/WVE-2005-0048

wlsxApFloodAttack

Objects	{ wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that the number of potential fake APs detected by an AP has exceeded the configured IDS threshold. This is the total number of fake APs observed across all bands. For more info check:http://www.wve.org/entries/show/WVE-2005-0056

wlsxAdhocNetwork

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AM detected an AdhocNetwork. An Station is connected to an ad hoc AP.

wlsxWirelessBridge

Objects	{ wlsxTrapTime, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a Wireless Bridge when a WDS frame was seen between the transmitter and receiver addresses.

wlsxInvalidMacOUIAP

Objects	{ wlsxTrapTime, wlsxTrapAddressType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected an invalid MAC OUI in the BSSID of a frame. An invalid MAC OUI suggests that the frame may be spoofed.

wlsxInvalidMacOUISta

Objects	{ wlsxTrapTime, wlsxTrapAddressType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected an invalid MAC OUI in the SRC or DST address of a frame. An invalid MAC OUI suggests that the frame may be spoofed.

wlsxWEPMisconfiguration

Objects	{wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an access point that is misconfigured because it does not have Privacy enabled.

wlsxStaRepeatWEPIVViolation

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a valid station is using the same WEP initialization vector in consecutive packets.

wlsxStaWeakWEPIVViolation

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected that a valid station is using a Weak WEP initialization vector.

wlsxStaAssociatedToUnsecureAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapRogueInfoURL }
Status	current
Description	This trap indicates that an AM detected a client associated with a Rogue access point.

wlsxStaUnAssociatedFromUnsecureAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac }
Status	current
Description	This trap indicates that a previously detected rogue access point association is no longer present.

wlsxAdhocNetworkBridgeDetected

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM has detected an Ad hocnetwork that is bridging to a wired network.

wlsxInterferingApDetected

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapInterferingAPInfoURL }
Status	current
Description	This trap indicates that an AP detected an access point classified as Interfering. The access point is declared Interfering because it is neither authorized or classified as Rogue.

wlsxColdStart

Objects	wlsxTrapTime
Status	current
Description	An enterprise version of cold start trap, which contains the controller time stamp.

wlsxWarmStart

Objects	wlsxTrapTime
Status	current
Description	An enterprise version of warm start trap, which contains the controller time stamp.

wlsxAPImpersonation

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected AP Impersonation because the number of beacons seen has exceeded the expected number by the configured percentage threshold.The expected number is calculated based on the Beacon Interval Field in the Beacon frame.

wlsxNAuthServerIsDown

Objects	{ wlsxTrapTime, wlsxTrapAuthServerName }
Status	current
Description	This trap indicates that an authentication server is down.

wlsxWindowsBridgeDetected

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM has detected a station that is bridging from a wireless network to a wired network.

wlsxSignAPNetstumbler

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Netstumbler from an access point.For more info check:http://www.wve.org/entries/show/WVE-2005-0025

wlsxSignStaNetstumbler

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Netstumbler from a Station.For more info check:http://www.wve.org/entries/show/WVE-2005-0025

wlsxSignAPAsleap

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for ASLEAP from an access point.For more info check:http://www.wve.org/entries/show/WVE-2005-0027

wlsxSignStaAsleap

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for ASLEAP from a Station.For more info check:http://www.wve.org/entries/show/WVE-2005-0027

wlsxSignAPAirjack

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for AirJack from an access point.For more info check:http://www.wve.org/entries/show/WVE-2005-0018

wlsxSignStaAirjack

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for AirJack from a Station. For more info check:http://www.wve.org/entries/show/WVE-2005-0018

wlsxSignAPNullProbeResp

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Null-Probe-Response from an access point.For more info check:http://www.wve.org/entries/show/WVE-2006-0064

wlsxSignStaNullProbeResp

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Null-Probe-Response from a Station. For more info check:http://www.wve.org/entries/show/WVE-2006-0064

wlsxSignAPDeauthBcast

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Deauth-Broadcast from an access point.For more info check:http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0045

wlsxSignStaDeauthBcast

Objects	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AP detected a signature match for Deauth-Broadcast from a Station.For more info check:http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0045

wlsxWindowsBridgeDetectedAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP is detecting an access point that is bridging from a wireless network to a wired network.

wlsxWindowsBridgeDetectedSta

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP is detecting a station that is bridging from a wireless network to a wired network.

wlsxAdhocNetworkBridgeDetectedAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network

wlsxAdhocNetworkBridgeDetectedSta

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network

wlsxDisconnectStationAttackAP

Objects	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that an AM detected a station Disconnect attack. For more info check:http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0048

wlsxDisconnectStationAttackSta

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AM detected a station Disconnect attack. For more info check:http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0048

wlsxSuspectUnsecureAPDetected

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber, wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapConfidenceLevel, wlsxTrapAPLocation, wlsxTrapRogueInfoURL }
Status	current
Description	This trap indicates that an access point, classified as Suspected Rogue, has been detected by a Controller. The AP is suspected to be rogue, with the supplied confidence level, because it was matched to the wired MAC address.

wlsxHT40MHzIntoleranceAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID,wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP is detecting an access point with the HT 40MHz intolerance setting. For more info check:http://www.wve.org/entries/show/WVE-2008-0004

wlsxHT40MHzIntoleranceSta

Objects	{ wlsxTrapTime, wlsxTrapSourceMac,wlsxTrapSnr, wlsxTrapAPChannel,wlsxTrapFrameType, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
Status	current
Description	This trap indicates that the system is detecting an HT 40MHz Intolerance setting from a Station. For more info check:http://www.wve.org/entries/show/WVE-2008-0004

wlsxNAdhocNetwork

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
Status	current
Description	This trap indicates that an AP detected an ad hoc network where a station is connected to an ad hoc access point.

wlsxNAdhocNetworkBridgeDetectedAP

Objects	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel}
Status	current
Description	This trap indicates that an AP detected an ad hoc network that is bridging to a wired network.

wlsxNAdhocNetworkBridgeDetectedSta

Objects	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel}
Status	current
Description	This trap indicates that an AP detected an ad hoc network that is bridging to a wired network.

wlsxClientFloodAttack

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that the number of potential fake clients detected by an AP has exceeded the configured IDS threshold. This is the total number of fake clients observed across all bands. For more info check:http://www.wve.org/entries/show/WVE-2005-0056

wlsxValidClientNotUsingEncryption

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected an unencrypted data frame between a valid client and an access point.

wlsxAdhocUsingValidSSID

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected an ad hoc network using a valid/protected SSID. For more info check:http://www.wve.org/entries/show/WVE-2005-0008

wlsxAPSpoofingDetected

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapSpoofedFrameType, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected that one of its virtual APs is being spoofed using MAC spoofing. For more info check:http://www.wve.org/entries/show/WVE-2005-0019

wlsxClientAssociatingOnWrongChannel

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapSpoofedFrameType, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a client trying to associate to one of its BSSIDs on the wrong channel. This can be a sign that the BSSID is being spoofed in order to fool the client into thinking the AP is operating on another channel.

wlsxNDisconnectStationAttack

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP has determined that a client is under Disconnect Attack because the rate of Assoc/Reassoc Response packets received by that client exceeds the configured threshold. For more info check:http://www.wve.org/entries/show/WVE-2005-0045 http://www.wve.org/entries/show/WVE-2005-0046 http://www.wve.org/entries/show/WVE-2005-0048

wlsxNStaUnAssociatedFromUnsecureAP

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP that had previously detected a client association to a Rogue access point is no longer detecting that association.

wlsxOmertaAttack

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected an Omerta attack. For more info check:http://www.wve.org/entries/show/WVE-2005-0053

wlsxTKIPReplayAttack

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a TKIP replay attack. If successful this could be the precursor to more advanced attacks. For more info check:http://www.wve.org/entries/show/WVE-2008-0013

wlsxChopChopAttack

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a ChopChop attack. For more info check:http://www.wve.org/entries/show/WVE-2006-0038

wlsxFataJackAttack

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapBackupControllerIp, wlsxTrapPrimaryControllerIp }
Status	current
Description	This trap indicates that an AP detected a FATA-Jack attack. For more info check:http://www.wve.org/entries/show/WVE-2006-0057

wlsxInvalidAddressCombination

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected an invalid source and destination combination. For more info check:http://www.wve.org/entries/show/WVE-2008-0011

wlsxValidClientMisassociation

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAssociationType, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a misassociation between a valid client and an unsafe AP.

wlsxMalformedHTIEDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a malformed HT Information Element. This can be the result of a misbehaving wireless driver or it may be an indiation of a new wireless attack.

wlsxMalformedAssocReqDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a malformed association request with a NULL SSID. For more info check:http://www.wve.org/entries/show/WVE-2008-0010

wlsxOverflowIEDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a management frame with a malformed information element. The declared length of the element is larger than the entire frame containing the element. This may be used to corrupt or crash wireless drivers. For more info check:http://www.wve.org/entries/show/WVE-2008-0008

wlsxOverflowEAPOLKeyDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a key in an EAPOL Key message with a specified length greater than the length of the entire message. For more info check:http://www.wve.org/entries/show/WVE-2008-0009

wlsxMalformedFrameLargeDurationDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected an unusually large duration in a wireless frame. This may be an attempt to block other devices from transmitting. For more info check:http://www.wve.org/entries/show/WVE-2005-0051

wlsxMalformedFrameWrongChannelDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapTargetAPChannel, wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an AP detected a beacon on one channel advertising another channel. This could be an attempt to lure clients away from a valid AP. For more info check:http://www.wve.org/entries/show/WVE-2006-0050

wlsxMalformedAuthFrame

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected an authentication frame with either a bad algorithm (similar to Fata-Jack) or a bad transaction. For more info check:http://www.wve.org/entries/show/WVE-2006-0057

wlsxCTSRateAnomaly

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that the rate of CTS packets received by an AP exceeds the configured IDS threshold..

wlsxRTSRateAnomaly

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that the rate of RTS packets received by an AP exceeds the configured IDS threshold.

wlsxNRogueAPDetected

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an unauthorized access point is connected to the wired network. The access point is classified as Rogue by the system.

wlsxNRogueAPResolved

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel
Status	current
Description	This trap indicates that a previously detected access point, classified as Rogue, is either no longer present in the network or it changed its state.

wlsxNeighborAPDetected

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an access point has been classified as a Neighbor by the system.

wlsxNInterferingAPDetected

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an access point has been classified as Interfering by the system. The access point is declared Interfering because it is not authorized, nor has it been classified as a Rogue.

wlsxNSuspectRogueAPDetected

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel, wlsxTrapConfidenceLevel
Status	current
Description	This trap indicates that an access point, classified as Suspected Rogue, is detected by the system. The AP is suspected to be rogue with the supplied confidence level.

wlsxNSuspectRogueAPResolved

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPChannel
Status	current
Description	This trap indicates that a previously detected access point, classified as Suspected Rogue, is either no longer present in the network or has changed its state.

wlsxBlockAckAttackDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapSourceMac,wlsxTrapReceiverMac,wlsxTrapTargetAPBSSID,wlsxTrapAPChannel, wlsxTrapSnr
Status	current
Description	This trap indicates that an attempt has been made to deny service to the source address by spoofing a block ACK add request that sets a sequence number window outside the currently used window. For more info check:http://www.wve.org/entries/show/WVE-2008-0006

wlsxHotspotterAttackDetected

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapNodeMac, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapSnr, wlsxTrapTargetAPSSID
Status	current
Description	This trap indicates that a new AP has appeared immediately following a client probe request. This is indicative of the Hotspotter tool or similar that attempts to trap clients with a fake hotspot or other wireless network. For more info check:http://www.wve.org/entries/show/WVE-2005-0054

wlsxNSignatureMatch

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a signature match in a frame.

wlsxNSignatureMatchNetstumbler

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a signature match for Netstumbler in a frame. For more info check:http://www.wve.org/entries/show/WVE-2005-0025

wlsxNSignatureMatchAsleap

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a signature match for ASLEAP in a frame. For more info check:http://www.wve.org/entries/show/WVE-2005-0027

wlsxNSignatureMatchAirjack

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a signature match for Airjack in a frame. For more info check:http://www.wve.org/entries/show/WVE-2005-0018

wlsxNSignatureMatchNullProbeResp

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Max-Access	
Status	current
Description	This trap indicates that an AP detected a signature match for Null-Probe-Response in a frame. For more info check:http://www.wve.org/entries/show/WVE-2006-0064

wlsxNSignatureMatchDeauthBcast

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Max-Access	
Status	current
Description	This trap indicates that an AP detected a signature match for Deauth-Broadcast in a frame. For more info check:http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0045

wlsxNSignatureMatchDisassocBcast

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Max-Access	
Status	current
Description	This trap indicates that an AP detected a signature match for Disassoc-Broadcast in a frame. For more info check:http://www.wve.org/entries/show/WVE-2005-0019 http://www.wve.org/entries/show/WVE-2005-0046

wlsxNSignatureMatchWellenreiter

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSignatureName, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a signature match for Wellenreiter in a frame. For more info check:http://www.wve.org/entries/show/WVE-2006-0058

wlsxAPDeauthContainment

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapAPChannel, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain an access point by disconnecting its client.

wlsxClientDeauthContainment

Objects	wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapAPChannel, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain a client by disconnecting it from the AP that it is associated with.

wlsxAPWiredContainment

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapDeviceIpAddress, wlsxTrapDeviceMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain an access point by disrupting traffic to its client on the wired interface.

wlsxClientWiredContainment

Objects	wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapDeviceIpAddress, wlsxTrapDeviceMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain a client by disrupting traffic to it on the wired interface.

wlsxAPTaggedWiredContainment

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapDeviceIpAddress, wlsxTrapDeviceMac, wlsxTrapVlanId, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain an access point by disrupting traffic to its client on the wired interface.

wlsxClientTaggedWiredContainment

Objects	wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapDeviceIpAddress, wlsxTrapDeviceMac, wlsxTrapVlanId, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain a client by disrupting traffic to it on the wired interface.

wlsxTarpitContainment

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapAPChannel, wlsxTrapTargetAPChannel, wlsxTrapSourceMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP has attempted to contain an access point by moving a client that is attempting to associate to it to a tarpit.

wlsxAPChannelChange

Objects	wlsxTrapTime, wlsxTrapAPChannel, wlsxTrapAPChannelSec, wlsxTrapAPPrevChannel, wlsxTrapAPPrevChannelSec, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPARMChangeReason
Status	current
Description	This trap indicates that an AP changed its channel.

wlsxAPPowerChange

Objects	wlsxTrapTime, wlsxTrapAPTxPower, wlsxTrapAPPrevTxPower, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP changed its transmit power level.

wlsxAPModeChange

Objects	wlsxTrapTime, wlsxTrapAPCurMode, wlsxTrapAPPrevMode, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation
Status	current
Description	This trap indicates that an AP changed its mode from AP to APMonitor or vice versa.

wlsxUserEntryAttributesChanged

Objects	wlsxTrapTime, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapAPBSSID, wlsxTrapAPName, wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapUserAttributeChangeType
Status	current
Description	This trap indicates that the user entry attributes have changed.

wlsxPowerSaveDosAttack

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected a Power Save DoS attack.

wlsxNAPMasterStatusChange

Objects	wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapApControllerIp, wlsxTrapApMasterStatus
Status	current
Description	This trap indicates that the status of the AP as seen by the master controller has changed.

wlsxNAdhocUsingValidSSID

Objects	wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel
Status	current
Description	This trap indicates that an AP detected an ad hoc network node using a valid/protected SSID. For more info check:http://www.wve.org/entries/show/WVE-2005-0008

wlsxMgmtUserAuthenticationFailed

Objects	wlsxTrapTime, wlsxTrapUserName, wlsxTrapUserIpAddress, wlsxTrapAuthServerName
Status	current
Description	This trap indicates that a management user authentication has failed.

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