


Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 MIB



Reference Guide

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| | |
|----------------------------------|-----------|
| Contents | 3 |
| About this Guide | 20 |
| Intended Audience | 20 |
| Related Documents | 20 |
| Conventions | 20 |
| Contacting Dell | 21 |
| MIBs Overview | 22 |
| MIBs | 22 |
| SNMP | 23 |
| Using MIBs | 25 |
| Downloading MIB Files | 25 |
| Reporting WLAN Health | 25 |
| SNMP Operations on W-IAPs | 25 |
| MIB Browsers | 26 |
| Reading MIB Files | 27 |
| Opening Line | 27 |
| Imports | 27 |
| Inheritance | 27 |
| Identity | 28 |
| MIB Modules | 28 |
| Group | 28 |
| Table | 28 |
| Entry | 28 |
| Closing Line | 29 |
| SNMP File | 29 |
| HP OpenView | 29 |
| Dell W-Instant MIBs | 30 |
| aiInfoGroup | 31 |
| aiVirtualControllerKey | 31 |

| | |
|---------------------------------------|----|
| aiVirtualControllerName | 31 |
| aiVirtualControllerOrganization | 32 |
| aiVirtualControllerVersion | 32 |
| aiVirtualControllerIPAddress | 32 |
| aiMasterIPAddress | 32 |
| aiStateGroup | 33 |
| aiAccessPointTable | 33 |
| aiAccessPointEntry | 33 |
| aiAPMACAddress | 33 |
| aiAPName | 34 |
| aiAPIPAddress | 34 |
| aiAPSerialNum | 34 |
| aiAPModel | 34 |
| aiAPModelName | 34 |
| aiAPCPUUtilization | 35 |
| aiAPMemoryFree | 35 |
| aiAPUptime | 35 |
| aiAPTtotalMemory | 35 |
| aiAPStatus | 35 |
| aiRadioTable | 35 |
| aiRadioEntry | 36 |
| aiRadioAPMacAddress | 37 |
| aiRadioIndex | 37 |
| aiRadioMACAddress | 37 |
| aiRadioChannel | 37 |
| aiRadioTransmitPower | 37 |
| aiRadioNoiseFloor | 38 |
| aiRadioUtilization4 | 38 |
| aiRadioUtilization64 | 38 |
| aiRadioTxTotalFrames | 38 |
| aiRadioTxMgmtFrames | 38 |
| aiRadioTxDataFrames | 38 |

| | |
|-------------------------------|-----------|
| aiRadioTxDataBytes | 39 |
| aiRadioTxDrops | 39 |
| aiRadioRxTotalFrames | 39 |
| aiRadioRxDataFrames | 39 |
| aiRadioRxDataBytes | 39 |
| aiRadioRxMgmtFrames | 40 |
| aiRadioRxBad | 40 |
| aiRadioPhyEvents | 40 |
| aiRadioStatus | 40 |
| aiWlanTable | 40 |
| aiWlanEntry | 41 |
| aiWlanAPMACAddress | 41 |
| aiWlanIndex | 41 |
| aiWlanESSID | 42 |
| aiWlanMACAddress | 42 |
| aiWlanTxTotalFrames | 42 |
| aiWlanTxDataFrames | 42 |
| aiWlanTxDataBytes | 42 |
| aiWlanRxTotalFrames | 42 |
| aiWlanRxDataFrames | 43 |
| aiWlanRxDataBytes | 43 |
| aiClientTable | 43 |
| aiClientEntry | 44 |
| aiClientMACAddress | 44 |
| aiClientWlanMACAddress | 44 |
| aiClientIPAddress | 44 |
| aiClientAPIPAddress | 45 |
| aiClientName | 45 |
| aiClientOperatingSystem | 45 |
| aiClientSNR | 45 |
| aiClientTxDataFrames | 45 |
| aiClientTxDataBytes | 46 |

| | |
|---------------------------------|-----------|
| aiClientTxRetries | 46 |
| aiClientTxRate | 46 |
| aiClientRxDataFrames | 46 |
| aiClientRxDataBytes | 46 |
| aiClientRxRetries | 47 |
| aiClientRxRate | 47 |
| aiClientUptime | 47 |
| Standard SNMP MIBs | 48 |
| System MIB | 48 |
| sysDescr | 48 |
| sysObjectID | 49 |
| sysUpTime | 49 |
| sysName | 49 |
| sysLocation | 49 |
| sysServices | 50 |
| dot1qTpFdbTable | 50 |
| dot1qFdbId | 50 |
| dot1qTpFdbAddress | 50 |
| dot1qTpFdbPort | 50 |
| dot1qTpFdbStatu | 51 |
| ifTable | 51 |
| ifIndex | 52 |
| ifDescr | 52 |
| ifType | 52 |
| ifMtu | 53 |
| ifSpeed | 53 |
| ifPhysAddress | 53 |
| ifAdminStatus | 53 |
| ifOperStatus | 53 |
| ifInOctets | 54 |
| ifInUcastPkts | 54 |
| ifInNUcastPkts | 54 |

| | |
|-------------------------------|-----------|
| ifInDiscards | 54 |
| ifInErrors | 55 |
| ifOutOctets | 55 |
| ifOutUcastPkts | 55 |
| ifOutDiscards | 55 |
| ifOutErrors | 55 |
| ifXTable | 56 |
| ifName | 56 |
| ifInMulticastPkts | 57 |
| ifInBroadcastPkts | 57 |
| ifOutMulticastPkts | 57 |
| ifOutBroadcastPkts | 57 |
| ifHCInOctets | 58 |
| ifHCInUcastPkts | 58 |
| ifHCInMulticastPkts | 58 |
| ifHCInBroadcastPkts | 58 |
| ifHCOctets | 59 |
| ifHCOUcastPkts | 59 |
| ifHCOMulticastPkts | 59 |
| ifHCOBroadcastPkts | 60 |
| ifLinkUpDownTrapEnable | 60 |
| ifPromiscuousMode | 60 |
| ifConnectorPresent | 60 |
| Traps | 61 |
| Trap Hierarchy | 61 |
| wlsxTrapAPMacAddress | 66 |
| wlsxTrapAPIpAddress | 66 |
| wlsxTrapAPBSSID | 66 |
| wlsxTrapEssid | 66 |
| wlsxTrapTargetAPBSSID | 66 |
| wlsxTrapTargetAPSSID | 67 |
| wlsxTrapTargetAPChannel | 67 |

| | |
|--------------------------------------|----|
| wlsxTrapNodeMac | 67 |
| wlsxTrapSourceMac | 67 |
| wlsxReceiverMac | 67 |
| wlsxTrapTransmitterMac | 68 |
| wlsxTrapReceiverMac | 68 |
| wlsxTrapSnr | 68 |
| wlsxTrapSignatureName | 68 |
| wlsxTrapFrameType | 68 |
| wlsxTrapAddressType | 69 |
| wlsxTrapAPLocation | 69 |
| wlsxTrapAPChannel | 69 |
| wlsxTrapAPTxPower | 69 |
| wlsxTrapMatchedMac | 69 |
| wlsxTrapMatchedIp | 69 |
| wlsxTrapRogueIfoURL | 70 |
| wlsxTrapVLANId | 70 |
| wlsxTrapAdminStatus | 70 |
| wlsxTrapOperStatus | 70 |
| wlsxTrapAuthServerName | 70 |
| wlsxTrapAuthServerTimeout | 71 |
| wlsxTrapCardSlot | 71 |
| wlsxTrapTemperatureValue | 71 |
| wlsxTrapProcessName | 71 |
| wlsxTrapFanNumber | 71 |
| wlsxTrapVoltageType | 72 |
| wlsxTrapVoltageValue | 72 |
| wlsxTrapStationBlackListReason | 72 |
| wlsxTrapSpoofedIpAddress | 72 |
| wlsxTrapSpoofedOldPhyAddress | 72 |
| wlsxTrapSpoofedNewPhyAddress | 72 |
| wlsxTrapDBName | 73 |
| wlsxTrapDBUserName | 73 |

| | |
|--|----|
| wlsxTrapDBIpAddress | 73 |
| wlsxTrapDBType | 73 |
| wlsxTrapVrrpID | 73 |
| wlsxTrapVrrpMasterIp | 74 |
| wlsxTrapVrrpOperState | 74 |
| wlsxTrapESIServerGrpName | 74 |
| wlsxTrapESIServerName | 74 |
| wlsxTrapESIServerIpAddress | 74 |
| wlsxTrapLicenseDaysRemaining | 75 |
| wlsxTrapSwitchIp | 75 |
| wlsxTrapSwitchRole | 75 |
| wlsxTrapUserIpAddress | 75 |
| wlsxTrapUserPhyAddress | 75 |
| wlsxTrapUserName | 75 |
| wlsxTrapUserRole | 76 |
| wlsxTrapUserAuthenticationMethod | 76 |
| wlsxTrapAPRadioNumber | 76 |
| wlsxTrapRogueInfoURL | 76 |
| wlsxTrapInterferingAPIInfoURL | 76 |
| wlsxTrapPortNumber | 77 |
| wlsxTrapTime | 77 |
| wlsxTrapHostIp | 77 |
| wlsxTrapHostPort | 77 |
| wlsxTrapConfigurationId | 77 |
| wlsxTrapCTSURL | 78 |
| wlsxTrapCTSTransferType | 78 |
| wlsxTrapConfigurationState | 78 |
| wlsxTrapUpdateFailureReason | 78 |
| wlsxTrapUpdateFailedObj | 78 |
| wlsxTrapTableEntryChangeType | 78 |
| wlsxTrapGlobalConfigObj | 79 |
| wlsxTrapTableGenNumber | 79 |

| | |
|---------------------------------------|----|
| wlsxTrapLicenseId | 79 |
| wlsxTrapConfidenceLevel | 79 |
| wlsxTrapMissingLicenses | 79 |
| wlsxVoiceCurrentNumCdr | 80 |
| wlsxTrapTunnelId | 80 |
| wlsxTrapTunnelStatus | 80 |
| wlsxTrapTunnelUpReason | 80 |
| wlsxTrapTunnelDownReason | 80 |
| wlsxTrapApSerialNumber | 81 |
| wlsxTrapTimeStr | 81 |
| wlsxTrapMasterIp | 81 |
| wlsxTrapLocalIp | 81 |
| wlsxTrapMasterName | 81 |
| wlsxTrapLocalName | 81 |
| wlsxTrapPrimaryControllerIp | 82 |
| wlsxTrapBackupControllerIp | 82 |
| wlsxTrapSpoofedFrameType | 82 |
| wlsxTrapAssociationType | 82 |
| wlsxTrapDeviceIpAddress | 82 |
| wlsxTrapDeviceMac | 83 |
| wlsxTrapVcIpAddress | 83 |
| wlsxTrapVcMacAddress | 83 |
| wlsxTrapAPName | 83 |
| wlsxTrapApMode | 83 |
| wlsxTrapAPPrevChannel | 84 |
| wlsxTrapAPPrevChannelSec | 84 |
| wlsxTrapAPPrevTxPower | 84 |
| wlsxTrapAPCurMode | 84 |
| wlsxTrapAPPrevMode | 84 |
| wlsxTrapAPARMChangeReason | 84 |
| wlsxTrapAPChannelSec | 85 |
| wlsxTrapUserAttributeChangeType | 85 |

| | |
|--|-----------|
| wlsxTrapAPControllerIp | 85 |
| wlsxTrapApMasterStatus | 85 |
| wlsxTrapCaName | 85 |
| wlsxTrapCrlName | 86 |
| wlsxTrapCount | 86 |
| wlsxTrapAPPreviousUplinkType | 86 |
| wlsxTrapAPPreviousUplinkActiveTime | 86 |
| wlsxTrapAPActiveUplinkType | 86 |
| wlsxTrapAPUplinkChangeReason | 86 |
| wlsxTrapAPManagedModeConfigFailure | 87 |
| ai Traps Objects Group | 87 |
| wlsxTrapAPMacAddress | 91 |
| wlsxTrapAPIpAddress | 91 |
| wlsxTrapAPBSSID | 91 |
| wlsxTrapEssid | 92 |
| wlsxTrapTargetAPBSSID | 92 |
| wlsxTrapTargetAPSSID | 92 |
| wlsxTrapTargetAPChannel | 92 |
| wlsxTrapNodeMac | 93 |
| wlsxTrapSourceMac | 93 |
| wlsxReceiverMac | 93 |
| wlsxTrapTransmitterMac | 93 |
| wlsxTrapReceiverMac | 93 |
| wlsxTrapSnr | 94 |
| wlsxTrapSignatureName | 94 |
| wlsxTrapFrameType | 94 |
| wlsxTrapAddressType | 94 |
| wlsxTrapAPLocation | 94 |
| wlsxTrapAPChannel | 94 |
| wlsxTrapAPTxPower | 95 |
| wlsxTrapMatchedMac | 95 |
| wlsxTrapMatchedIp | 95 |

| | |
|--------------------------------------|-----|
| wlsxTrapRogueIfoURL | 95 |
| wlsxTrapVLANId | 95 |
| wlsxTrapAdminStatus | 96 |
| wlsxTrapOperStatus | 96 |
| wlsxTrapAuthServerName | 96 |
| wlsxTrapAuthServerTimeout | 96 |
| wlsxTrapCardSlot | 96 |
| wlsxTrapTemperatureValue | 97 |
| wlsxTrapProcessName | 97 |
| wlsxTrapFanNumber | 97 |
| wlsxTrapVoltageType | 97 |
| wlsxTrapVoltageValue | 97 |
| wlsxTrapStationBlackListReason | 97 |
| wlsxTrapSpoofedIpAddress | 98 |
| wlsxTrapSpoofedOldPhyAddress | 98 |
| wlsxTrapSpoofedNewPhyAddress | 98 |
| wlsxTrapDBName | 98 |
| wlsxTrapDBUserName | 98 |
| wlsxTrapDBIpAddress | 99 |
| wlsxTrapDBType | 99 |
| wlsxTrapVrrpID | 99 |
| wlsxTrapVrrpMasterIp | 99 |
| wlsxTrapVrrpOperState | 99 |
| wlsxTrapESIServerGrpName | 99 |
| wlsxTrapESIServerName | 100 |
| wlsxTrapESIServerIpAddress | 100 |
| wlsxTrapLicenseDaysRemaining | 100 |
| wlsxTrapSwitchIp | 100 |
| wlsxTrapSwitchRole | 100 |
| wlsxTrapUserIpAddress | 101 |
| wlsxTrapUserPhyAddress | 101 |
| wlsxTrapUserName | 101 |

| | |
|--|-----|
| wlsxTrapUserRole | 101 |
| wlsxTrapUserAuthenticationMethod | 101 |
| wlsxTrapAPRadioNumber | 102 |
| wlsxTrapRogueInfoURL | 102 |
| wlsxTrapInterferingAPIInfoURL | 102 |
| wlsxTrapPortNumber | 102 |
| wlsxTrapTime | 102 |
| wlsxTrapHostIp | 103 |
| wlsxTrapHostPort | 103 |
| wlsxTrapConfigurationId | 103 |
| wlsxTrapCTSURL | 103 |
| wlsxTrapCTSTransferType | 103 |
| wlsxTrapConfigurationState | 104 |
| wlsxTrapUpdateFailureReason | 104 |
| wlsxTrapUpdateFailedObj | 104 |
| wlsxTrapTableEntryChangeType | 104 |
| wlsxTrapGlobalConfigObj | 104 |
| wlsxTrapTableGenNumber | 105 |
| wlsxTrapLicenseId | 105 |
| wlsxTrapConfidenceLevel | 105 |
| wlsxTrapMissingLicenses | 105 |
| wlsxVoiceCurrentNumCdr | 105 |
| wlsxTrapTunnelId | 106 |
| wlsxTrapTunnelStatus | 106 |
| wlsxTrapTunnelUpReason | 106 |
| wlsxTrapTunnelDownReason | 106 |
| wlsxTrapApSerialNumber | 106 |
| wlsxTraptimeStr | 106 |
| wlsxTrapMasterIp | 107 |
| wlsxTrapLocalIp | 107 |
| wlsxTrapMasterName | 107 |
| wlsxTrapLocalName | 107 |

| | |
|--|-----|
| wlsxTrapPrimaryControllerIp | 107 |
| wlsxTrapBackupControllerIp | 108 |
| wlsxTrapSpoofedFrameType | 108 |
| wlsxTrapAssociationType | 108 |
| wlsxTrapDeviceIpAddress | 108 |
| wlsxTrapDeviceMac | 108 |
| wlsxTrapVcIpAddress | 108 |
| wlsxTrapVcMacAddress | 109 |
| wlsxTrapAPName | 109 |
| wlsxTrapApMode | 109 |
| wlsxTrapAPPrevChannel | 109 |
| wlsxTrapAPPrevChannelSec | 109 |
| wlsxTrapAPPrevTxPower | 110 |
| wlsxTrapAPCurMode | 110 |
| wlsxTrapAPPrevMode | 110 |
| wlsxTrapAPARMChangeReason | 110 |
| wlsxTrapAPChannelSec | 110 |
| wlsxTrapUserAttributeChangeType | 110 |
| wlsxTrapAPControllerIp | 111 |
| wlsxTrapApMasterStatus | 111 |
| wlsxTrapCaName | 111 |
| wlsxTrapCrIName | 111 |
| wlsxTrapCount | 111 |
| wlsxTrapAPPreviousUplinkType | 112 |
| wlsxTrapAPPreviousUplinkActiveTime | 112 |
| wlsxTrapAPActiveUplinkType | 112 |
| wlsxTrapAPUplinkChangeReason | 112 |
| wlsxTrapAPManagedModeConfigFailure | 112 |
| ai Traps Definitions Group | 113 |
| wlsxNUserEntryCreated | 119 |
| wlsxNUserEntryDeleted | 119 |
| wlsxNUserEntryAuthenticated | 119 |

| | |
|-----------------------------------|-----|
| wlsxNUserEntryDeAuthenticated | 119 |
| wlsxNUserAuthenticationFailed | 119 |
| wlsxNAuthServerReqTimedOut | 120 |
| wlsxNAuthServerTimedOut | 120 |
| wlsxNAuthServerIsUp | 120 |
| wlsxNAccessPointIsUp | 120 |
| wlsxNChannelChanged | 120 |
| wlsxNStationAddedToBlackList | 121 |
| wlsxNStationRemovedFromBlackList | 121 |
| wlsxNRadioAttributesChanged | 121 |
| wlsxUnsecureAPDetected | 121 |
| wlsxUnsecureAPResolved | 121 |
| wlsxStalImpersonation | 122 |
| wlsxReservedChannelViolation | 122 |
| wlsxValidSSIDViolation | 122 |
| wlsxChannelMisconfiguration | 122 |
| wlsxOUIMisconfiguration | 122 |
| wlsxSSIDMisconfiguration | 123 |
| wlsxShortPreambleMisconfiguration | 123 |
| wlsxWPAMisconfiguration | 123 |
| wlsxAdhocNetworkDetected | 123 |
| wlsxAdhocNetworkRemoved | 123 |
| wlsxStaPolicyViolation | 124 |
| wlsxRepeatWEPIVViolation | 124 |
| wlsxWeakWEPIVViolation | 124 |
| wlsxChannelInterferenceDetected | 124 |
| wlsxChannelInterferenceCleared | 124 |
| wlsxAPIInterferenceDetected | 125 |
| wlsxAPIInterferenceCleared | 125 |
| wlsxStaInterferenceDetected | 125 |
| wlsxStaInterferenceCleared | 125 |
| wlsxFrameRetryRateExceeded | 125 |

| | |
|---|-----|
| wlsxFrameReceiveErrorRateExceeded | 126 |
| wlsxFrameFragmentationRateExceeded | 126 |
| wlsxFrameBandWidthRateExceeded | 126 |
| wlsxFrameLowSpeedRateExceeded | 126 |
| wlsxFrameNonUnicastRateExceeded | 126 |
| wlsxLoadbalancingEnabled | 127 |
| wlsxLoadbalancingDisabled | 127 |
| wlsxChannelFrameRetryRateExceeded | 127 |
| wlsxChannelFrameFragmentationRateExceeded | 127 |
| wlsxChannelFrameErrorRateExceeded | 127 |
| wlsxSignatureMatchAP | 128 |
| wlsxSignatureMatchSta | 128 |
| wlsxChannelRateAnomaly | 128 |
| wlsxNodeRateAnomaly | 128 |
| wlsxNodeRateAnomalyAP | 128 |
| wlsxNodeRateAnomalySta | 129 |
| wlsxEAPRateAnomaly | 129 |
| wlsxSignalAnomaly | 129 |
| wlsxSequenceNumberAnomalyAP | 129 |
| wlsxSequenceNumberAnomalySta | 130 |
| wlsxDisconnectStationAttack | 130 |
| wlsxApFloodAttack | 130 |
| wlsxAdhocNetwork | 130 |
| wlsxWirelessBridge | 131 |
| wlsxInvalidMacOUIAP | 131 |
| wlsxInvalidMacOUISta | 131 |
| wlsxWEPMisconfiguration | 131 |
| wlsxStaRepeatWEPIVViolation | 132 |
| wlsxStaWeakWEPIVViolation | 132 |
| wlsxStaAssociatedToUnsecureAP | 132 |
| wlsxStaUnAssociatedFromUnsecureAP | 132 |
| wlsxAdhocNetworkBridgeDetected | 132 |

| | |
|--|-----|
| wlsxInterferingApDetected | 133 |
| wlsxColdStart | 133 |
| wlsxWarmStart | 133 |
| wlsxAPImpersonation | 133 |
| wlsxNAuthServerIsDown | 133 |
| wlsxWindowsBridgeDetected | 134 |
| wlsxSignAPNetstumbler | 134 |
| wlsxSignStaNetstumbler | 134 |
| wlsxSignAPAsleep | 134 |
| wlsxSignStaAsleep | 134 |
| wlsxSignAPAirjack | 135 |
| wlsxSignStaAirjack | 135 |
| wlsxSignAPNullProbeResp | 135 |
| wlsxSignStaNullProbeResp | 135 |
| wlsxSignAPDeauthBcast | 135 |
| wlsxSignStaDeauthBcast | 136 |
| wlsxWindowsBridgeDetectedSta | 136 |
| wlsxAdhocNetworkBridgeDetectedAP | 136 |
| wlsxAdhocNetworkBridgeDetectedSta | 137 |
| wlsxHT40MHzIntoleranceSta | 138 |
| wlsxNAdhocNetwork | 138 |
| wlsxNAdhocNetworkBridgeDetectedAP | 139 |
| wlsxNStaUnAssociatedFromUnsecureAP | 140 |
| wlsxOmertaAttack | 141 |
| wlsxTKIPReplayAttack | 141 |
| wlsxChopChopAttack | 141 |
| wlsxFataJackAttack | 141 |
| wlsxInvalidAddressCombination | 141 |
| wlsxValidClientMisassociation | 142 |
| wlsxMalformedHTIEDetected | 142 |
| wlsxMalformedAssocReqDetected | 142 |
| wlsxOverflowIEDetected | 142 |

| | |
|---|-----|
| wlsxOverflowEAPOLKeyDetected | 143 |
| wlsxMalformedFrameLargeDurationDetected | 143 |
| wlsxMalformedFrameWrongChannelDetected | 143 |
| wlsxMalformedAuthFrame | 143 |
| wlsxCTSRateAnomaly | 143 |
| wlsxRTSRateAnomaly | 144 |
| wlsxNRogueAPDetected | 144 |
| wlsxNRogueAPResolved | 144 |
| wlsxNeighborAPDetected | 144 |
| wlsxNInterferingAPDetected | 144 |
| wlsxNSuspectRogueAPDetected | 145 |
| wlsxNSuspectRogueAPResolved | 145 |
| wlsxBlockAckAttackDetected | 145 |
| wlsxHotspotterAttackDetected | 145 |
| wlsxNSignatureMatch | 146 |
| wlsxNSignatureMatchNetstumbler | 146 |
| wlsxNSignatureMatchAsleep | 146 |
| wlsxNSignatureMatchAirjack | 146 |
| wlsxNSignatureMatchNullProbeResp | 146 |
| wlsxNSignatureMatchDeathBcast | 147 |
| wlsxNSignatureMatchDisassocBcast | 147 |
| wlsxNSignatureMatchWellenreiter | 147 |
| wlsxAPDeauthContainment | 148 |
| wlsxClientDeauthContainment | 148 |
| wlsxAPWiredContainment | 148 |
| wlsxClientWiredContainment | 148 |
| wlsxAPTagedWiredContainment | 148 |
| wlsxClientTagedWiredContainment | 149 |
| wlsxTarpitContainment | 149 |
| wlsxAPChannelChange | 149 |
| wlsxAPPowerChange | 149 |
| wlsxAPModeChange | 149 |

| | |
|--|-----|
| wlsxUserEntryAttributesChanged | 150 |
| wlsxNAPMasterStatusChange | 150 |
| wlsxNAdhocUsingValidSSID | 150 |
| wlsxMgmtUserAuthenticationFailed | 150 |
| SNMP Traps | 151 |
| linkDown | 151 |
| linkUp | 151 |

This guide provides information on Management Information Base (MIBs) supported in Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 software release.

Intended Audience

This manual is intended for network administrators and operators responsible for managing the Dell Networking W-Series Instant Access Point (W-IAP).

Related Documents

In addition to this document, the Dell W-IAP product documentation includes the following:

- *Dell Networking W-Series Instant Access Point Installation Guides*
- *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 User Guide*
- *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 CLI Reference Guide*
- *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 Quick Start Guide*
- *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 Syslog Messages Reference Guide*
- *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 Release Notes*

Conventions

The following conventions are used throughout this manual to emphasize important concepts:

Table 1: Typographical Conventions

| Type Style | Description |
|-------------------|--|
| <i>Italics</i> | This style is used to emphasize important terms and to mark the titles of books. |
| System items | This fixed-width font depicts the following: <ul style="list-style-type: none"> • Sample screen output • System prompts • Filenames, software devices, and specific commands when mentioned in the text |
| Commands | In the command examples, this style depicts the keywords that must be typed exactly as shown. |
| <Arguments> | In the command examples, italicized text within angle brackets represents items that you should replace with information appropriate to your specific situation. For example: # send <text message> In this example, you would type “send” at the system prompt exactly as shown, followed by the text of the message you wish to send. Do not type the angle brackets. |
| [Optional] | Command examples enclosed in brackets are optional. Do not type the brackets. |
| {Item A Item B} | In the command examples, items within curled braces and separated by a vertical bar represent the available choices. Enter only one choice. Do not type the braces or bars. |

The following informational icons are used throughout this guide:



Indicates helpful suggestions, pertinent information, and important things to remember.



Indicates a risk of damage to your hardware or loss of data.



Indicates a risk of personal injury or death.

Contacting Dell

Table 2: *Support Information*

| Support | |
|-----------------------|--|
| Main Website | dell.com |
| Contact Information | dell.com/contactdell |
| Support Website | dell.com/support |
| Documentation Website | dell.com/support/manuals |

This chapter provides information about Management Information Base (MIBs) supported in Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 software release.

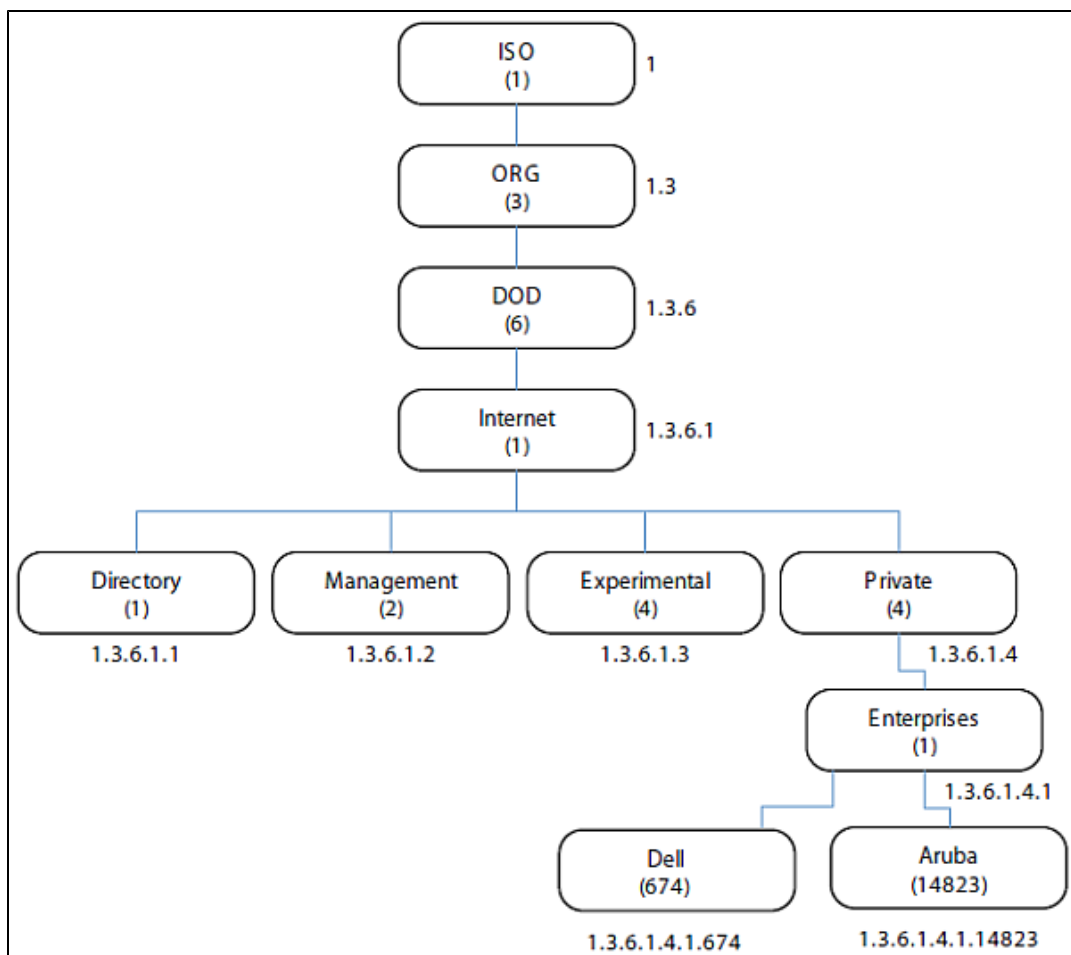
MIBs

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

MIB objects, such as a MIB table or a specific object in a MIB table, are identified with Object identifiers (OIDs). The OIDs are designated by text strings and integer sequences. For example, *Dell* and 1.3.6.1.4.1.674 both represent the private enterprise node *Dell*.

Figure 1 illustrates the high-level hierarchy of the Enterprise MIBs.

Figure 1 High-Level MIB Hierarchy



The hardware MIBs are assigned under the Dell organization code, while all others are under the Aruba organization code.

Table 3 indicates the numerical string that lists the nodes of the enterprise MIB hierarchy.

Table 3: MIB Node Identification - Enterprise Nodes

| | | 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 |

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 27](#).

SNMP

MIB objects can be accessed through the Simple Network Management Protocol (SNMP). To deliver information between devices, every object referenced in an SNMP message must be listed in the MIB. A component of a device that is not described in a MIB cannot be recognized by SNMP as there is no information for SNMP managers and SNMP agents to exchange.

The significant elements of SNMP are Managers, Agents, and MIBs:

- SNMP Managers (software application) are used for communicating and managing the devices that support SNMP Agents. SNMP Managers can also be used for sending configuration updates or controlling requests to manage a network device.
- SNMP Agents (software application) provide information from the network devices to the SNMP 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.



Dell Networking W-Series Instant Access Point MIBs support SNMPv1, SNMPv2, and SNMPv3. For information on configuring SNMP through the Dell W-Instant UI, see *Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 User Guide*.

To retrieve information from a MIB, the following information is required:

- SNMP version
- SNMP community name—*public* or *private*
- The IP Address of the virtual controller
- The OID of the MIB object

Table 4: MIB Keywords

| Keyword | Description |
|--------------------|--|
| Sequence | Refers to the sequence of objects of the MIB. This keyword is used with entry MIB objects to list the MIB objects that exchange information. |
| Syntax | Textual conventions, for example, <i>Integer32</i> . |
| Max-Access | Defines the object accessibility: <ul style="list-style-type: none">● <i>read-only</i>: Can be retrieved but not modified● <i>read-write</i>: Can be retrieved and modified● <i>not-accessible</i>: Cannot be retrieved; it is for internal (device) use only● <i>accessible-for-notify</i>: Can be retrieved when a trap message (notification) is sent |
| Status | Defines the status of the object: <ul style="list-style-type: none">● <i>current</i>: Indicates that the object status is up-to-date and valid.● <i>deprecated</i>: Indicates an obsolete definition. It permits new or continued implementation to maintain interoperability with existing implementations.● <i>obsolete</i>: Obsolete. It should not be implemented and/or can be removed if previously implemented. |
| Description | A text string that describes the object. |

In addition, MIB files can be placed in the appropriate disk location to assist the user in locating desired OID values for monitoring.

It is assumed that the workstation is connected to the Dell W-Instant and 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
```

If you are using an application that is run through the Linux shell, the command will be as follows:

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

The MIB objects can also be viewed from a MIB Browser GUI.

This chapter provides information on using MIBs.

- [Downloading MIB Files on page 25](#)
- [Reporting WLAN Health on page 25](#)
- [Reading MIB Files on page 27](#)
- [SNMP File on page 29](#)
- [HP OpenView on page 29](#)

Downloading MIB Files

The latest Dell W-Instant MIB files are available for registered customers at download.dell-pcw.com.

For assistance to set up an account and access files, contact customer service. See [Contacting Dell on page 21](#).

Reporting WLAN Health

SNMP MIBs are frequently used for running health checks on Dell Networking W-Series Instant Access Point devices, 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 Virtual Controller and the slave W-IAPs
- The OID of the MIB value you want to monitor

MIB files can be placed in the appropriate disk location to assist the user in locating desired OID values for monitoring. For most applications, the *root* of the MIB must be included in the OID—the OID begins with a decimal point as shown in the following example:

```
.1.3.6.1.4.1.674.2.2.1.1.2.1
```

SNMP Operations on W-IAPs

Although the virtual controller address is configured on management station, the following MIBs are specific to a particular W-IAP and therefore cannot be accessed from the Virtual Controller.

- [ifTable](#)
- [ifXTable](#)
- [dot1qTpFdbTable](#)

To enable the management station to access the IF-MIB and Q-BRIDGE-MIB tables and W-IAPs to send traps, you must configure the IP address of each W-IAP on the management station. The management station can automatically configure the W-IAP details, by obtaining the IP address of each W-IAP from the AP MIB ([aiAccessPointTable](#)), which lists all the slave W-IAPs in a swarm and is implemented on a virtual controller.



You do not have to set the SNMP community string and security parameters on each W-IAP as this configuration is common to all W-IAPs and is inherited from virtual controller.

Reading MIB Files

This section describes how to interpret the basic components of a MIB file. To determine the OIDs, view the file `snmp.h`. For more information, see [SNMP File on page 29](#).

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 Dell enterprise MIB file are as follows:

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. For more information, see [SNMP File on page 29](#).

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-IDENTITY
    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 Dell Networking W-Series Instant Access Point WLAN"
    REVISION "0804160206Z"
    DESCRIPTION
        "The initial revision."
 ::= { aiEnterpriseMibModules 1 }
```

MIB Modules

MIB objects can be placed in logical groups such as [Group](#) and [Table](#). A group typically contains at least one global-object or table. The table lists the MIB objects that contain the information exchanged.

The first object of a table is an [Entry](#). The OIDs of the subsequent objects of this table are appended increments of the Entry OID.

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 the Syntax, Access, Status, and Description keywords.

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 controller. 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 [Standard SNMP MIBs on page 48](#).

| | |
|--|-------------------------------------|
| All Dell W-Instant MIBs inherit their OIDs from the Dell MIB node. The following rows list the MIBs that precede CTS, starting from <i>iso</i> . | |
| { "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 MIB module for HP OpenView, log in as the root user and execute the following script:

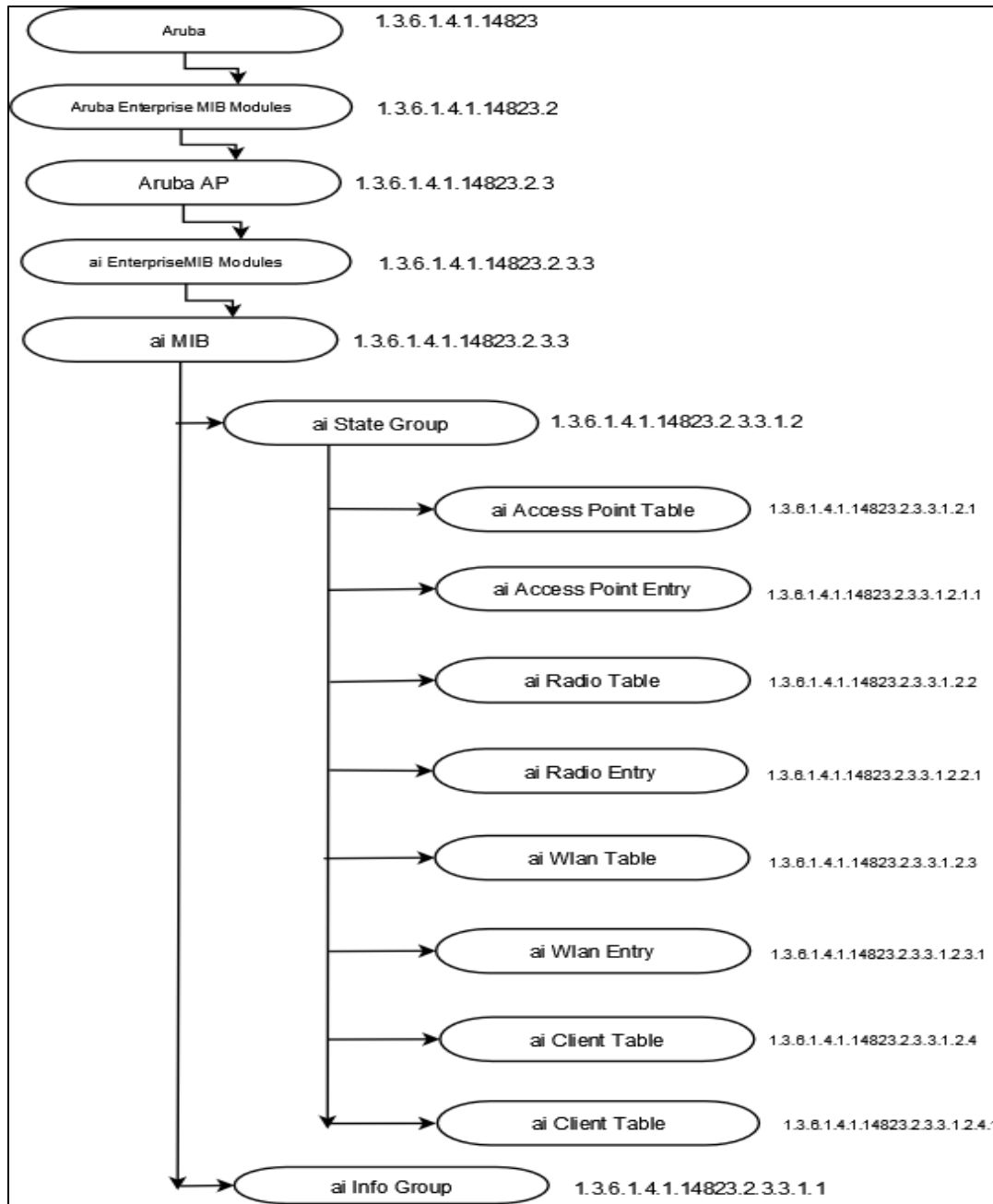
```
# $OV_CONTRIB/NNM/Aruba/install
```

The chapter provides information about the Dell W-Instant MIB objects.

Figure 3 shows the architecture of the Dell W-Instant MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba).

The Instant MIB is listed in the file *aruba-instant.my*. For information about downloading the MIB file, see [Downloading MIB Files on page 25](#).

Figure 3 MIB Hierarchy



The Dell W-Instant MIB tree consists of the following MIB groups and tables.

Table 5: Supported Dell W-Instant MIBs and MIB Tables

| Group | Description |
|--------------|--|
| aiInfoGroup | Contains details of the virtual controller. For more information, see aiInfoGroup on page 31 . |
| aiStateGroup | Contains information about status of the Access Point, Radio, WLAN, and Clients connected to an W-IAP. The following tables are available in the aiInfoGroup: <ul style="list-style-type: none"> ● aiAccessPointTable—Contains all the access points connected to the virtual controller. This table is indexed by the MAC Address of the W-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 W-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. For more information, see aiStateGroup on page 33 . |
| aiTrapGroup | Contains the details of traps that can be generated on an W-IAP. For more information, see Trap Hierarchy on page 61 . |

aiInfoGroup

The aiInfoGroup table provides information about the virtual controller:

- aiVirtualControllerKey
- aiVirtualControllerName
- aiVirtualControllerOrganization
- aiVirtualControllerVersion
- aiVirtualControllerIPAddress
- aiMasterIPAddress

aiVirtualControllerKey

| | |
|--------------------|-------------------------------|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.1 |
| Syntax | DisplayString |
| Max-Access | Read-only |
| Status | Current |
| Description | Unique Virtual Controller key |

aiVirtualControllerName

| | |
|-------------------|-------------------------------|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.2 |
| Syntax | DisplayString |
| Max-Access | Read-only |

| | |
|--------------------|--------------------------------|
| Status | Current |
| Description | Name of the Virtual Controller |

aiVirtualControllerOrganization

| | |
|--------------------|---------------------------------|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.3 |
| Syntax | DisplayString |
| Max-Access | Read-only |
| Status | Current |
| Description | Virtual Controller organization |

aiVirtualControllerVersion

| | |
|--------------------|------------------------------------|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.4 |
| Syntax | DisplayString |
| Max-Access | Read-only |
| Status | Current |
| Description | Software version of the controller |

aiVirtualControllerIPAddress

| | |
|--------------------|--|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.5 |
| Syntax | IPAddress |
| Max-Access | Read-only |
| Status | Current |
| Description | IP address of the Virtual Controller. If this is not set, returns 0.0.0.0. |

aiMasterIPAddress

| | |
|--------------------|-------------------------------|
| Object ID | 1.3.6.1.4.1.14823.2.3.3.1.1.6 |
| Syntax | IPAddress |
| Max-Access | Read-only |
| Status | Current |
| Description | IP address of the master IAP. |

aiStateGroup

The aiStateGroup contains the following tables:

- aiAccessPointTable
- aiRadioTable
- aiWlanTable
- aiClientTable

aiAccessPointTable

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

Table 6: aiAccessPointTable OIDs

| Object | Object ID | Entry OID |
|--------------------|------------------------------------|-----------------------|
| 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 |
| aiAPTtotalMemory | 1.3.6.1.4.1.14823.2.3.3.1.2.1.1.10 | aiAccessPointEntry 10 |
| aiAPStatus | 1.3.6.1.4.1.14823.2.3.3.1.2.1.1.11 | aiAccessPointEntry 11 |

aiAccessPointEntry

| | |
|--------------------|--------------------|
| Syntax | aiAccessPointEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | NA |
| Index | aiAPMACAddress |

aiAPMACAddress

| | |
|---------------|--------------------------------------|
| Syntax | MacAddress (OCTET STRING). Hint: 1x: |
|---------------|--------------------------------------|

| | |
|--------------------|----------------------------------|
| 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. |

aiAPTotalMemory

| | |
|--------------------|--|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Total amount of memory available in the AP in bytes. |

aiAPStatus

| | |
|--------------------|------------------------------------|
| Syntax | Integer {up(1), down(2)} |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the Access Point Status. |

aiRadioTable

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

Table 7: aiRadioTable OIDs

| Object | Object ID | Entry OID |
|----------------------|------------------------------------|-----------------|
| 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 |
| aiRadiolIndex | 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 |
| aiRadioStatus | 1.3.6.1.4.1.14823.2.3.3.1.2.2.1.20 | aiRadioEntry 20 |

aiRadioEntry

| | |
|--------------------|------------------------------------|
| Syntax | aiRadioEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | NA |
| Index | aiRadioAPMACAddress, aiRadiolIndex |

aiRadioAPMacAddress

| | |
|--------------------|---|
| Syntax | MacAddress (OCTET STRING). Hint: 1x: |
| 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. The first byte contains primary channel and first two bits of second byte contains indicator for the secondary channel. If first two bits of second byte are 0, it is a 20MHz channel. If first two bits of second byte are 01, the secondary channel is above primary channel, if first two bits of second byte are 10, the secondary channel is below the primary channel. |

aiRadioTransmitPower

| | |
|--------------------|---|
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Radio transmission 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. |

aiRadioStatus

| | |
|--------------------|---------------------------------------|
| Syntax | Integer {up(1), down(2)} |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the radio status of the AP. |

aiWlanTable

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

Table 8: *aiWlanTable OIDs*

| Object | Object ID | Entry OID |
|--------------------|-----------------------------------|---------------|
| 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 |

| Object | Object ID | Entry OID |
|---------------------|------------------------------------|----------------|
| 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 | NA |
| Index | aiWlanAPMACAddress, aiWlanIndex |

aiWlanAPMACAddress

| | |
|--------------------|---|
| Syntax | MacAddress (OCTET STRING). Hint: 1x: |
| 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 (OCTET STRING). Hint: 1x: |
| 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 9: *aiClientTable* OID

| Object | Object ID | Entry OID |
|-------------------------|------------------------------------|------------------|
| aiClientEntry | 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 |
| aiClientTxDataFrames | 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 |
| aiClientTxRetries | 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 |

| Object | Object ID | Entry OID |
|----------------------|------------------------------------|------------------|
| aiClientRxDataFrames | 1.3.6.1.4.1.14823.2.3.3.1.2.4.1.12 | aiClientEntry 12 |
| aiClientRxDataBytes | 1.3.6.1.4.1.14823.2.3.3.1.2.4.1.13 | aiClientEntry 13 |
| aiClientRxRetries | 1.3.6.1.4.1.14823.2.3.3.1.2.4.1.14 | aiClientEntry 14 |
| aiStateGroup | 1.3.6.1.4.1.14823.2.3.3.1.2.4.1.15 | aiClientEntry 15 |
| aiClientUptime | 1.3.6.1.4.1.14823.2.3.3.1.2.4.1.16 | aiClientEntry 16 |

aiClientEntry

| | |
|--------------------|--------------------|
| Syntax | aiClientEntry |
| Max-Access | not-accessible |
| Status | current |
| Description | NA |
| Index | aiClientMACAddress |

aiClientMACAddress

| | |
|--------------------|--------------------------------------|
| Syntax | MacAddress (OCTET STRING). Hint: 1x: |
| 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. |

aiClientAPIAddress

Syntax IpAddress

Max-Access read-only

Status current

Description Radio channel. First byte contains primary channel and first two bits on second byte contains indicator for secondary channel. If first two bits of second byte is 0, it is a 20MHz channel. If first two bits of second byte is 01, secondary channel is above primary channel, if first two bits of second by is 10, secondary channel is below the primary channel.

aiClientName

Syntax

Max-Access read-only

Status current

Description Name of the user using the client.

aiClientOperatingSystem

Syntax

Max-Access read-only

Status current

Description Operating system of the client.

aiClientSNR

Syntax

Max-Access read-only

Status current

Description Signal to noise ratio of the client connected to the Access Point

aiClientTxDataFrames

Syntax

Max-Access read-only

Status current

Description Total number of frames transmitted by the client.

aiClientTxDataBytes

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

aiClientTxRetries

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

aiClientTxRate

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

aiClientRxDataFrames

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

aiClientRxDataBytes

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

aiClientRxRetries

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

aiClientRxRate

| | |
|--------------------|---------------------------------------|
| Syntax | |
| 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. |

This section provides information on the following standard MIBs modules and tables supported in this release of Dell W-Instant.

- System MIB
- dot1qTpFdbTable
- ifTable
- ifXTable

System MIB

The system MIB contains system-specific information about the W-IAP. The following system MIB objects are supported:

- **sysDescr**— Provides information on the W-IAP model and software version of the W-IAP.
- **sysObjectID** —Identifies the network management subsystem. The sysObjectID in the standard SNMP MIB can be used to retrieve OIDs for the Dell Networking W-Series Instant Access Point products. You can retrieve information on all node devices in the MIB file by extracting the sysObjectId for each device. The sysObjectID returns OIDs for a specific model number of the device within the Dell W-Instant product family.
For example, the *iso.org.dod.internet.private.enterprise.aruba.products.apProducts.ap135* (1.3.6.1.4.1.14823.1.2.48) OID is returned for the W-IAP135 device. For information on the OIDs associated with the AP devices, see the apProducts tree in the *aruba.my* MIB file.
- **sysUpTime** —Indicates the system up time since the W-IAP was initialized and actively connected to the network.
- **sysName** — Indicates the name of the W-IAP.
- **sysLocation**— Indicates the physical location of the W-IAP. To retrieve information on the AP location, the system location details for the W-IAP must be configured. For more information on configuring system location details, see Dell Networking W-Series Instant Access Point 6.3.1.1-4.0 *User Guide*.
- **sysServices**—Indicates the services offered by the W-IAP.

The following system MIB objects are not supported:

- sysContact
- sysORLastChange
- sysORTable

sysDescr

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.1.1 |
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | mandatory |
| Description | A textual description of the entity. This value should include the full name and version identification of the system's hardware type, software operating-system, and networking software. It is mandatory that this only contains printable ASCII characters. |

sysObjectID

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.1.2 |
| Syntax | Object Identifier |
| Max-Access | read-only |
| Status | mandatory |
| Description | The vendor's authoritative identification of the network management subsystem contained in the entity. This value is allocated within the SMI enterprises subtree (1.3.6.1.4.1) and provides an easy and unambiguous means for determining 'what kind of box' is being managed. |

sysUpTime

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.1.3 |
| Syntax | TimeTicks |
| Max-Access | read-only |
| Status | mandatory |
| Description | The time (in hundredths of a second) since the network management portion of the system was last re-initialized. |

sysName

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.1.5 |
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | mandatory |
| Description | An administrator-assigned fully-qualified domain name for the managed node. |

sysLocation

| | |
|--------------------|----------------------------------|
| Object ID | 1.3.6.1.2.1.1.6 |
| Syntax | DisplayString |
| Max-Access | read-write |
| Status | mandatory |
| Description | The physical location of the AP. |

sysServices

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.1.7 |
| Syntax | Integer |
| Max-Access | read-only |
| Status | mandatory |
| Description | A value which indicates the set of services that the AP primarily offers. |

dot1qTpFdbTable

This table contains information about the associated station MAC addresses, the corresponding port from the interface table, and status. The objects of the dot1qTpFdbTable provide information about the forwarding and filtering status of the clients connected to wired ports and wireless interfaces.

The dot1qTpFdbTable contains the following objects:

- [dot1qFdbId](#)
- [dot1qTpFdbAddress](#)
- [dot1qTpFdbPort](#)
- [dot1qTpFdbStatu](#)

dot1qFdbId

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.17.7.1.2.1.1.1 |
| Syntax | UNSIGNED32 |
| Max-Access | not-accessible |
| Status | current |
| Description | The identity of the filtering database such as VLAN ID of the AP. |

dot1qTpFdbAddress

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.17.7.1.2.2.1.1 |
| Syntax | MacAddress |
| Max-Access | not-accessible |
| Status | current |
| Description | MAC address for which the AP has forwarding or filtering information. |

dot1qTpFdbPort

| | |
|------------------|----------------------------|
| Object ID | 1.3.6.1.2.1.17.7.1.2.2.1.2 |
|------------------|----------------------------|

| | |
|--------------------|--|
| Syntax | Integer32 (0..65535) |
| Max-Access | read-only |
| Status | current |
| Description | Port number on which a frame having a source address equal to the value of the corresponding instance of dot1qTpFdbAddress. The index value of ifTable is set as the port number field in this table. If the self MAC address is used, the index is 0. |

dot1qTpFdbStatu

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.17.7.1.2.2.1.3 |
| Syntax | INTEGER { other(1), invalid(2), learned(3), self(4), mgmt(5) } |
| Max-Access | read-only |
| Status | current |
| Description | The status of the bridge entry is set as learned to indicate that the value of the corresponding instance of dot1qTpFdbPort was learned and is being used. If self MAC address is used, the status is set as self to indicate that the value of the corresponding instance of dot1qTpFdbAddress represents one of the device's addresses. The corresponding instance of dot1qTpFdbPort indicates which of the device's ports has this address. |

ifTable

This table contains information about wired ports and wireless interfaces. The objects in this MIB provide information about the interfaces configured on an W-IAP. This table contains the following objects:

- ifIndex
- ifDescr
- ifType
- ifMtu
- ifSpeed
- ifPhysAddress
- ifAdminStatus
- ifOperStatus
- ifInOctets
- ifInUcastPkts
- ifInNUcastPkts
- ifInDiscards
- ifInErrors
- ifOutOctets
- ifOutUcastPkts
- ifInDiscards
- ifInErrors

The following ifTable objects are not supported:

- ifOutQLen
- ifSpecific
- ifInUnknownProtos
- ifLastChange

ifIndex

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.1 |
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | Value assigned to an interface. <ul style="list-style-type: none">• Ethernet interface value range: 1–49• Radio 0 interface value range: 50–69.• Radio 1 interface range: 70–89.• GRE interface range: 90–09• PPP interface range: 110–129• VPN interface range: 130–150• Other interfaces: From 500 onwards |

ifDescr

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.2 |
| Syntax | DisplayString (size (0..255)) |
| Max-Access | read-only |
| Status | current |
| Description | Description of the interface, for example eth for Ethernet, radio0_ssid_id2,aruba102 for Radio0 interface, and radioX_ssid_idY for Radio1 interface. |

ifType

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.3 |
| Syntax | IANAifType |
| Max-Access | read-only |
| Status | current |
| Description | Type of the interface. For example, Gigabit Ethernet interface or Fast Ethernet. |

ifMtu

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.4 |
| Syntax | Integer32 |
| Max-Access | read-only |
| Status | current |
| Description | The size of the largest packet which can be sent or received on interface. |

ifSpeed

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.5 |
| Syntax | Gauge32 |
| Max-Access | read-only |
| Status | current |
| Description | The current bandwidth of the interface in bits per second. |

ifPhysAddress

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.6 |
| Syntax | PhysAddress |
| Max-Access | read-only |
| Status | current |
| Description | Indicates the MAC address of the client. |

ifAdminStatus

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.7 |
| Syntax | INTEGER |
| Max-Access | read-write |
| Status | current |
| Description | Administrative state of the interface. |

ifOperStatus

| | |
|------------------|---------------------|
| Object ID | 1.3.6.1.2.1.2.2.1.8 |
| Syntax | INTEGER |

| | |
|--------------------|--------------------------------------|
| Max-Access | read-only |
| Status | current |
| Description | Operational status of the interface. |

ifInOctets

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.2.2.1.10 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | Number of octets received on the interface. |

ifInUcastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.2.2.1.11 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher sub-layer, which were not addressed to a multicast or broadcast address at this sub-layer. |

ifInNUcastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.2.2.1.12 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher sub-layer, which were addressed to a multicast or broadcast address at this sub-layer. |

ifInDiscards

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.13 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of inbound packets discarded. |

ifInErrors

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.2.2.1.14 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets transmission units with errors. |

ifOutOctets

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.16 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of octets transmitted out of the interface. |

ifOutUcastPkts

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.2.2.1.17 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that the higher-level protocols request for transmission, and the packets which are not addressed to a multicast or broadcast address at this sub-layer, including those that are discarded or not sent. |

ifOutDiscards

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.2.2.1.19 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of outbound packets discarded even though no errors that prevented the transmission were detected. |

ifOutErrors

| | |
|------------------|----------------------|
| Object ID | 1.3.6.1.2.1.2.2.1.20 |
|------------------|----------------------|

| | |
|--------------------|---|
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of outbound packets that could not be transmitted because of errors. |

ifXTable

The ifXTable table contains the following additional objects for the interface table.

- ifName
- ifInMulticastPkts
- ifInBroadcastPkts
- ifOutMulticastPkts
- ifOutBroadcastPkts
- ifHCInOctets
- ifHCInUcastPkts
- ifHCInMulticastPkts
- ifHCInBroadcastPkts
- ifHCOctets
- ifHCOUcastPkts
- ifHCOMulticastPkts
- ifHCOBroadcastPkts
- ifLinkUpDownTrapEnable
- ifPromiscuousMode
- ifConnectorPresent

The following ifXTable objects are not supported:

- ifHighSpeed
- ifAlias
- ifCounterDiscontinuityTime

ifName

| | |
|--------------------|------------------------|
| Object ID | 1.3.6.1.2.1.31.1.1.1.1 |
| Syntax | DisplayString |
| Max-Access | read-only |
| Status | current |
| Description | Name of the interface |

ifInMulticastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.2 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher layer, which were addressed to a multicast or broadcast address at this sub-layer. |

ifInBroadcastPkts

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.31.1.1.1.3 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher layer, which were addressed to a multicast or broadcast address at this sub-layer |

ifOutMulticastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.4 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that the higher-level protocols request for transmission, and which were addressed to a multicast or broadcast address at this sub-layer. |

ifOutBroadcastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.5 |
| Syntax | Counter32 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that higher-level protocols requested for transmission, and the packets which were addressed to a multicast or broadcast address at this sub-layer. |

ifHCInOctets

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.31.1.1.1.6 |
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of octets received on the interface, including framing characters. This object is a 64-bit version of ifInOctets. |

ifHCInUcastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.7 |
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher sub-layer, which were not addressed to a multicast or broadcast address at this sub-layer. |

ifHCInMulticastPkts

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.8 |
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The number of packets, delivered by this sub-layer to a higher sub-layer, which were addressed to a multicast or broadcast address at this sub-layer. |

ifHCInBroadcastPkts

| | |
|-------------------|------------------------|
| Object ID | 1.3.6.1.2.1.31.1.1.1.9 |
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |

Description The number of packets, delivered by this sub-layer to a higher sub-layer, which were addressed to a multicast or broadcast address at this sub-layer.

ifHCOctets

Object ID 1.3.6.1.2.1.31.1.1.1.10

Syntax Counter64

Max-Access read-only

Status current

Description The total number of octets transmitted out of the interface, including framing characters.

ifHCOUcastPkts

Object ID 1.3.6.1.2.1.31.1.1.1.11

Syntax Counter64

Max-Access read-only

Status current

Description The total number of packets that higher-level protocols requested be transmitted, and which were not addressed to a multicast or broadcast address at this sub-layer, including those that were discarded or not sent.

ifHCOmulticastPkts

Object ID 1.3.6.1.2.1.31.1.1.1.12

Syntax Counter64

Max-Access read-only

Status current

Description The total number of packets that higher-level protocols requested be transmitted, and which were addressed to a multicast or broadcast address at this sub-layer, including those that were discarded or not sent.

ifHCOutBroadcastPkts

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.31.1.1.1.13 |
| Syntax | Counter64 |
| Max-Access | read-only |
| Status | current |
| Description | The total number of packets that higher-level protocols requested be transmitted, and which were addressed to a multicast or broadcast address at this sub-layer, including those that were discarded or not sent. |

ifLinkUpDownTrapEnable

| | |
|--------------------|--|
| Object ID | 1.3.6.1.2.1.31.1.1.1.14 |
| Syntax | Integer |
| Max-Access | read-write |
| Status | current |
| Description | Indicates whether linkUp or linkDown traps must be generated for this interface. |

ifPromiscuousMode

| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.16 |
| Syntax | Integer |
| Max-Access | TruthValue |
| Status | current |
| Description | This object has true (1) and false(2) values. |

ifConnectorPresent

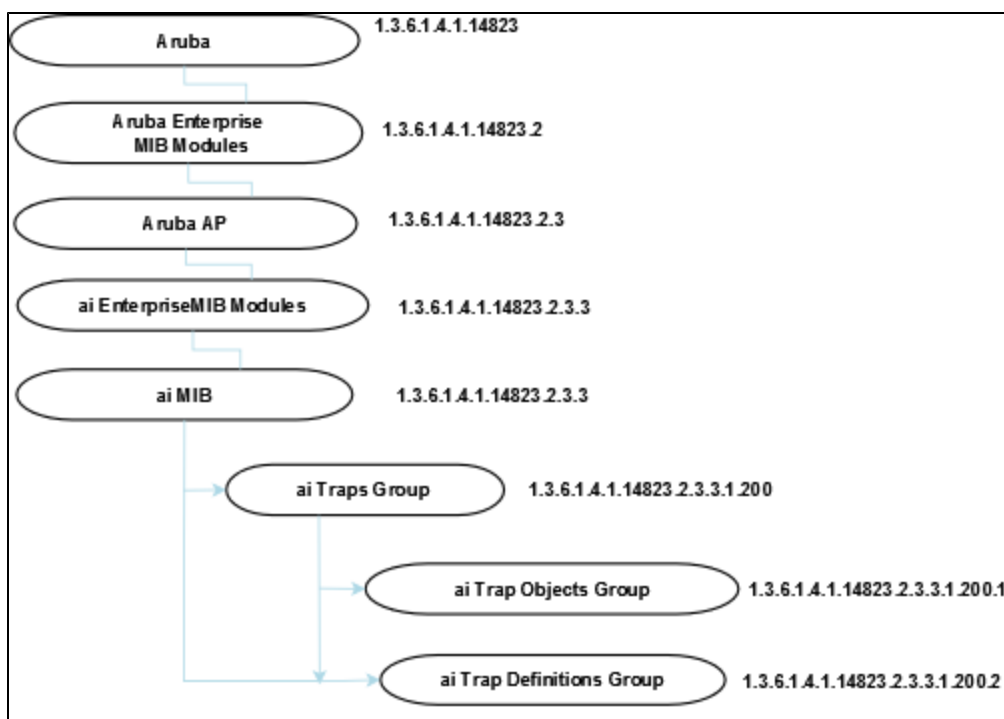
| | |
|--------------------|---|
| Object ID | 1.3.6.1.2.1.31.1.1.1.17 |
| Syntax | Integer |
| Max-Access | TruthValue |
| Status | current |
| Description | This object has True(1) value if there is any physical connector, else false (0) value. |

This module defines the traps that can be generated by the W-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 4 shows the architecture of the Traps MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Traps are listed in the file *aruba-trap.my* MIB file. For information about downloading Dell W-Instant MIB files, see [Downloading MIB Files on page 25](#).

Trap Hierarchy

Figure 4 Trap Hierarchy



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 |

Table 10: aiTraps Objects Group OIDs

| Object | Object ID | |
|---------------------------|------------------------------------|-------------------------|
| 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 |
| wlsxTrapAPTxFPower | 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

| 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 |

Table 10: aiTraps Objects Group OIDs

| Object | Object ID | |
|------------------------------|------------------------------------|-------------------------|
| 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 | 1.3.6.1.4.1.14823.2.3.3.1.200.1.63 | wlsxTrapObjectsGroup 62 |
| wlsxTrapConfigurationId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.63 | wlsxTrapObjectsGroup 63 |
| wlsxTrapCTSURL | 1.3.6.1.4.1.14823.2.3.3.1.200.1.64 | wlsxTrapObjectsGroup 64 |
| wlsxTrapCTSTransferType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.65 | wlsxTrapObjectsGroup 65 |
| wlsxTrapConfigurationState | 1.3.6.1.4.1.14823.2.3.3.1.200.1.66 | wlsxTrapObjectsGroup 66 |
| wlsxTrapUpdateFailureReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.67 | wlsxTrapObjectsGroup 67 |
| wlsxTrapUpdateFailedObj | 1.3.6.1.4.1.14823.2.3.3.1.200.1.68 | wlsxTrapObjectsGroup 68 |
| wlsxTrapTableEntryChangeType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.69 | wlsxTrapObjectsGroup 69 |
| wlsxTrapGlobalConfigObj | 1.3.6.1.4.1.14823.2.3.3.1.200.1.70 | wlsxTrapObjectsGroup 70 |
| wlsxTrapTableGenNumber | 1.3.6.1.4.1.14823.2.3.3.1.200.1.71 | wlsxTrapObjectsGroup 71 |
| wlsxTrapLicenseId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.72 | wlsxTrapObjectsGroup 72 |
| wlsxTrapConfidenceLevel | 1.3.6.1.4.1.14823.2.3.3.1.200.1.73 | wlsxTrapObjectsGroup 73 |
| wlsxTrapMissingLicenses | 1.3.6.1.4.1.14823.2.3.3.1.200.1.74 | wlsxTrapObjectsGroup 74 |
| wlsxVoiceCurrentNumCdr | 1.3.6.1.4.1.14823.2.3.3.1.200.1.75 | wlsxTrapObjectsGroup 75 |
| wlsxTrapTunnelId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.76 | wlsxTrapObjectsGroup 76 |
| wlsxTrapTunnelStatus | 1.3.6.1.4.1.14823.2.3.3.1.200.1.77 | wlsxTrapObjectsGroup 77 |
| wlsxTrapTunnelUpReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.78 | wlsxTrapObjectsGroup 78 |
| wlsxTrapTunnelDownReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.79 | wlsxTrapObjectsGroup 79 |
| wlsxTrapApSerialNumber | 1.3.6.1.4.1.14823.2.3.3.1.200.1.80 | wlsxTrapObjectsGroup 80 |
| wlsxTrapTimeStr | 1.3.6.1.4.1.14823.2.3.3.1.200.1.81 | wlsxTrapObjectsGroup 81 |
| wlsxTrapMasterIp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.82 | wlsxTrapObjectsGroup 82 |
| wlsxTrapLocalIp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.83 | wlsxTrapObjectsGroup 83 |
| wlsxTrapMasterName | 1.3.6.1.4.1.14823.2.3.3.1.200.1.84 | wlsxTrapObjectsGroup 84 |
| wlsxTrapLocalName | 1.3.6.1.4.1.14823.2.3.3.1.200.1.85 | wlsxTrapObjectsGroup 85 |
| wlsxTrapPrimaryControllerIp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.86 | wlsxTrapObjectsGroup 86 |

Table 10: aiTraps Objects Group OIDs

| Object | Object ID | |
|------------------------------------|-------------------------------------|--------------------------|
| wlsxTrapBackupControllerIp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.87 | wlsxTrapObjectsGroup 87 |
| wlsxTrapSpoofedFrameType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.88 | wlsxTrapObjectsGroup 88 |
| wlsxTrapAssociationType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.89 | wlsxTrapObjectsGroup 89 |
| wlsxTrapDeviceIpAddress | 1.3.6.1.4.1.14823.2.3.3.1.200.1.90 | 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 |
| 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 |
| wlsxTrapCrIName | 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 |
| wlsxTrapAPPreviousUplinkType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.130 | wlsxTrapObjectsGroup 130 |
| wlsxTrapAPPreviousUplinkActiveTime | 1.3.6.1.4.1.14823.2.3.3.1.200.1.131 | wlsxTrapObjectsGroup 131 |
| wlsxTrapAPActiveUplinkType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.132 | wlsxTrapObjectsGroup 132 |
| wlsxTrapAPUplinkChangeReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.133 | wlsxTrapObjectsGroup 133 |
| wlsxTrapAPManagedModeConfigFailure | 1.3.6.1.4.1.14823.2.3.3.1.200.1.134 | wlsxTrapObjectsGroup 134 |

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. |

wlsxTrapAPTxFPower

| | |
|--------------------|---|
| 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 | ArubaEnableValue (INTEGER) |
| 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 | |

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 | ArubaConfigurationState (INTEGER) |
| 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. |

wlsxTrapTableEntryChangeType

| | |
|---------------|--|
| Syntax | ArubaConfigurationChangeType (INTEGER) |
|---------------|--|

| | |
|--------------------|--|
| 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. Used in the MMS to keep track of the table content changes. |

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. |

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. |

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. |

wlsxTrapVclpAddress

| | |
|--------------------|--|
| 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 | |

wlsxTrapAPPprevChannel

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

wlsxTrapAPPprevChannelSec

| | |
|--------------------|--|
| Syntax | ArubaHTextChannel (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the Previous Secondary Channel. |

wlsxTrapAPPprevTxPower

| | |
|--------------------|--|
| 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 | ArubaAccessPointMode (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Current Mode. |

wlsxTrapAPPprevMode

| | |
|--------------------|---|
| Syntax | ArubaAccessPointMode (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Previous Mode. |

wlsxTrapAPARMChangeReason

| | |
|---------------|--------------------------------|
| Syntax | ArubaARMChangeReason (INTEGER) |
|---------------|--------------------------------|

| | |
|--------------------|---|
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Previous Mode. |

wlsxTrapAPChannelSec

| | |
|--------------------|---|
| Syntax | ArubaHTextChannel (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the Current Secondary Channel. |

wlsxTrapUserAttributeChangeType

| | |
|--------------------|--|
| Syntax | ArubaConfigurationChangeType (INTEGER) |
| 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 | |

wlsxTrapApMasterStatus

| | |
|--------------------|---|
| Syntax | ArubaAPMasterStatus (INTEGER) |
| 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 | |

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. |

wlsxTrapAPPpreviousUplinkType

| | |
|--------------------|---|
| Syntax | ArubaAPUplinkType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the previous uplink type of an AP. |

wlsxTrapAPPpreviousUplinkActiveTime

| | |
|--------------------|---|
| Syntax | TimeTicks |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the active time of the previous uplink of an AP. |

wlsxTrapAPActiveUplinkType

| | |
|--------------------|---|
| Syntax | ArubaAPUplinkType |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the active uplink type of an AP. |

wlsxTrapAPUplinkChangeReason

| | |
|---------------|---------------------------|
| Syntax | ArubaAPUplinkChangeReason |
|---------------|---------------------------|

| | |
|--------------------|--|
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object represents the uplink change reason. |

wlsxTrapAPManagedModeConfigFailure

| | |
|--------------------|--|
| Syntax | DisplayString (SIZE(0..64)) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object indicates that the configuration application has failed on the AP. |

ai Traps Objects Group

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

Table 11: 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 |

| Object | Object ID | |
|--------------------------------|------------------------------------|-------------------------|
| 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 |
| 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 |

| Object | Object ID | |
|----------------------------------|------------------------------------|-------------------------|
| 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 | 1.3.6.1.4.1.14823.2.3.3.1.200.1.63 | wlsxTrapObjectsGroup 62 |
| wlsxTrapConfigurationId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.63 | wlsxTrapObjectsGroup 63 |
| wlsxTrapCTSURL | 1.3.6.1.4.1.14823.2.3.3.1.200.1.64 | wlsxTrapObjectsGroup 64 |
| wlsxTrapCTSTransferType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.65 | wlsxTrapObjectsGroup 65 |
| wlsxTrapConfigurationState | 1.3.6.1.4.1.14823.2.3.3.1.200.1.66 | wlsxTrapObjectsGroup 66 |
| wlsxTrapUpdateFailureReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.67 | wlsxTrapObjectsGroup 67 |
| wlsxTrapUpdateFailedObj | 1.3.6.1.4.1.14823.2.3.3.1.200.1.68 | wlsxTrapObjectsGroup 68 |
| wlsxTrapTableEntryChangeType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.69 | wlsxTrapObjectsGroup 69 |
| wlsxTrapGlobalConfigObj | 1.3.6.1.4.1.14823.2.3.3.1.200.1.70 | wlsxTrapObjectsGroup 70 |
| wlsxTrapTableGenNumber | 1.3.6.1.4.1.14823.2.3.3.1.200.1.71 | wlsxTrapObjectsGroup 71 |
| wlsxTrapLicenseId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.72 | wlsxTrapObjectsGroup 72 |

| Object | Object ID | |
|------------------------------|-------------------------------------|--------------------------|
| wlsxTrapConfidenceLevel | 1.3.6.1.4.1.14823.2.3.3.1.200.1.73 | wlsxTrapObjectsGroup 73 |
| wlsxTrapMissingLicenses | 1.3.6.1.4.1.14823.2.3.3.1.200.1.74 | wlsxTrapObjectsGroup 74 |
| wlsxVoiceCurrentNumCdr | 1.3.6.1.4.1.14823.2.3.3.1.200.1.75 | wlsxTrapObjectsGroup 75 |
| wlsxTrapTunnelId | 1.3.6.1.4.1.14823.2.3.3.1.200.1.76 | wlsxTrapObjectsGroup 76 |
| wlsxTrapTunnelStatus | 1.3.6.1.4.1.14823.2.3.3.1.200.1.77 | wlsxTrapObjectsGroup 77 |
| wlsxTrapTunnelUpReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.78 | wlsxTrapObjectsGroup 78 |
| wlsxTrapTunnelDownReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.79 | wlsxTrapObjectsGroup 79 |
| wlsxTrapApSerialNumber | 1.3.6.1.4.1.14823.2.3.3.1.200.1.80 | wlsxTrapObjectsGroup 80 |
| wlsxTrapTimeStr | 1.3.6.1.4.1.14823.2.3.3.1.200.1.81 | wlsxTrapObjectsGroup 81 |
| wlsxTrapMasterIrp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.82 | wlsxTrapObjectsGroup 82 |
| wlsxTrapLocalIrp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.83 | wlsxTrapObjectsGroup 83 |
| wlsxTrapMasterName | 1.3.6.1.4.1.14823.2.3.3.1.200.1.84 | wlsxTrapObjectsGroup 84 |
| wlsxTrapLocalName | 1.3.6.1.4.1.14823.2.3.3.1.200.1.85 | wlsxTrapObjectsGroup 85 |
| wlsxTrapPrimaryControllerIrp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.86 | wlsxTrapObjectsGroup 86 |
| wlsxTrapBackupControllerIrp | 1.3.6.1.4.1.14823.2.3.3.1.200.1.87 | wlsxTrapObjectsGroup 87 |
| wlsxTrapSpoofedFrameType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.88 | wlsxTrapObjectsGroup 88 |
| wlsxTrapAssociationType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.89 | wlsxTrapObjectsGroup 89 |
| wlsxTrapDeviceIrpAddress | 1.3.6.1.4.1.14823.2.3.3.1.200.1.90 | wlsxTrapObjectsGroup 90 |
| wlsxTrapDeviceMac | 1.3.6.1.4.1.14823.2.3.3.1.200.1.91 | wlsxTrapObjectsGroup 91 |
| wlsxTrapVcIrpAddress | 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 |

| 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 |
| wlsxTrapCrIName | 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 |
| wlsxTrapAPPreviousUplinkType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.130 | wlsxTrapObjectsGroup 130 |
| wlsxTrapAPPreviousUplinkActiveTime | 1.3.6.1.4.1.14823.2.3.3.1.200.1.131 | wlsxTrapObjectsGroup 131 |
| wlsxTrapAPActiveUplinkType | 1.3.6.1.4.1.14823.2.3.3.1.200.1.132 | wlsxTrapObjectsGroup 132 |
| wlsxTrapAPUplinkChangeReason | 1.3.6.1.4.1.14823.2.3.3.1.200.1.133 | wlsxTrapObjectsGroup 133 |
| wlsxTrapAPManagedModeConfigFailure | 1.3.6.1.4.1.14823.2.3.3.1.200.1.134 | wlsxTrapObjectsGroup 134 |

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 | ArubaEnableValue (INTEGER) |
| 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 | |

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 | ArubaConfigurationState (INTEGER) |
| 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. |

wlsxTrapTableEntryChangeType

| | |
|--------------------|--|
| Syntax | ArubaConfigurationChangeType (INTEGER) |
| 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. Used in the MMS to keep track of the table content changes. |

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. |

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. |

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. |

wlXTrapBackupControllerIp

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

wlXTrapSpoofedFrameType

| | |
|--------------------|---|
| 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 |

wlXTrapAssociationType

| | |
|--------------------|---|
| 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. |

wlXTrapDeviceIpAddress

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

wlXTrapDeviceMac

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

wlXTrapVcIpAddress

| | |
|---------------|-----------|
| 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

wlsxTrapAPPprevChannel

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

wlsxTrapAPPprevChannelSec

Syntax ArubaHTextChannel (INTEGER)
Max-Access accessible-for-notify
Status current
Description This object is used in the traps to indicate the Previous Secondary Channel.

wlsxTrapAPPprevTxPower

| | |
|--------------------|--|
| 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 | ArubaAccessPointMode (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Current Mode. |

wlsxTrapAPPprevMode

| | |
|--------------------|---|
| Syntax | ArubaAccessPointMode (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Previous Mode. |

wlsxTrapAPARMChangeReason

| | |
|--------------------|---|
| Syntax | ArubaARMChangeReason (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This Object represents the APs Previous Mode. |

wlsxTrapAPChannelSec

| | |
|--------------------|---|
| Syntax | ArubaHTextChannel (INTEGER) |
| Max-Access | accessible-for-notify |
| Status | current |
| Description | This object is used in the traps to indicate the Current Secondary Channel. |

wlsxTrapUserAttributeChangeType

| | |
|---------------|--|
| Syntax | ArubaConfigurationChangeType (INTEGER) |
|---------------|--|

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

wlsxTrapApMasterStatus

Syntax ArubaAPMasterStatus (INTEGER)
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

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

wlsxTrapAPPreviousUplinkType

Syntax ArubaAPUplinkType

Max-Access accessible-for-notify

Status current

Description

wlsxTrapAPPreviousUplinkActiveTime

Syntax TimeTicks

Max-Access accessible-for-notify

Status current

Description

wlsxTrapAPActiveUplinkType

Syntax ArubaAPUplinkType

Max-Access accessible-for-notify

Status current

Description

wlsxTrapAPUplinkChangeReason

Syntax ArubaAPUplinkChangeReason

Max-Access accessible-for-notify

Status current

Description

wlsxTrapAPManagedModeConfigFailure

Syntax DisplayString (SIZE(0..64))

Max-Access accessible-for-notify

Status current

Description This object indicates that the configuration application has failed on the AP.

ai Traps Definitions Group

Table 12: ai Traps Definitions Group OIDs

| Object | Object ID | Object ID |
|-----------------------------------|--------------------------------------|------------------------------|
| wlsxNUserEntryCreated | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1014 | wlsxTrapDefinitionsGroup1014 |
| wlsxNUserEntryDeleted | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1015 | wlsxTrapDefinitionsGroup1015 |
| wlsxNUserEntryAuthenticated | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1016 | wlsxTrapDefinitionsGroup1016 |
| wlsxNUserEntryDeAuthenticated | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1017 | wlsxTrapDefinitionsGroup1017 |
| wlsxNUserAuthenticationFailed | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1018 | wlsxTrapDefinitionsGroup1018 |
| wlsxNAuthServerReqTimedOut | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1019 | wlsxTrapDefinitionsGroup1019 |
| wlsxNAuthServerTimedOut | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1020 | wlsxTrapDefinitionsGroup1020 |
| wlsxNAuthServerIsUp | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1021 | wlsxTrapDefinitionsGroup1021 |
| wlsxNAccessPointsIsUp | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1040 | wlsxTrapDefinitionsGroup1040 |
| wlsxNAccessPointsIsDown | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1041 | wlsxTrapDefinitionsGroup1041 |
| wlsxNChannelChanged | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1043 | wlsxTrapDefinitionsGroup1043 |
| wlsxNStationAddedToBlackList | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1044 | wlsxTrapDefinitionsGroup1044 |
| wlsxNStationRemovedFromBlackList | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1045 | wlsxTrapDefinitionsGroup1045 |
| wlsxNRadioAttributesChanged | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1049 | wlsxTrapDefinitionsGroup1049 |
| wlsxUnsecureAPDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1053 | wlsxTrapDefinitionsGroup1053 |
| wlsxUnsecureAPResolved | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1054 | wlsxTrapDefinitionsGroup1054 |
| wlsxStalmpersonation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1055 | wlsxTrapDefinitionsGroup1055 |
| wlsxReservedChannelViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1056 | wlsxTrapDefinitionsGroup1056 |
| wlsxValidSSIDViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1057 | wlsxTrapDefinitionsGroup1057 |
| wlsxChannelMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1058 | wlsxTrapDefinitionsGroup1058 |
| wlsxOUIMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1059 | wlsxTrapDefinitionsGroup1059 |
| wlsxSSIDMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1060 | wlsxTrapDefinitionsGroup1060 |
| wlsxShortPreambleMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1061 | wlsxTrapDefinitionsGroup1061 |
| wlsxWPAMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1062 | wlsxTrapDefinitionsGroup1062 |
| wlsxAdhocNetworkDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1063 | wlsxTrapDefinitionsGroup1063 |

| Object | Object ID | |
|--|--------------------------------------|------------------------------|
| wlsxAdhocNetworkRemoved | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1064 | wlsxTrapDefinitionsGroup1064 |
| wlsxStaPolicyViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1065 | wlsxTrapDefinitionsGroup1065 |
| wlsxRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1066 | wlsxTrapDefinitionsGroup1066 |
| wlsxWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1067 | wlsxTrapDefinitionsGroup1067 |
| wlsxChannelInterference Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1068 | wlsxTrapDefinitionsGroup1068 |
| wlsxChannelInterference Cleared | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1069 | wlsxTrapDefinitionsGroup1069 |
| wlsxAPInterferenceDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1070 | wlsxTrapDefinitionsGroup1070 |
| wlsxAPInterferenceCleared | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1071 | wlsxTrapDefinitionsGroup1071 |
| wlsxStaInterferenceDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1072 | wlsxTrapDefinitionsGroup1072 |
| wlsxStaInterferenceCleared | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1073 | wlsxTrapDefinitionsGroup1073 |
| wlsxFrameRetryRateExceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1074 | wlsxTrapDefinitionsGroup1074 |
| wlsxFrameReceiveErrorRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1075 | wlsxTrapDefinitionsGroup1075 |
| wlsxFrameFragmentationRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1076 | wlsxTrapDefinitionsGroup1076 |
| wlsxFrameBandWidthRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1077 | wlsxTrapDefinitionsGroup1077 |
| wlsxFrameLowSpeedRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1078 | wlsxTrapDefinitionsGroup1078 |
| wlsxFrameNonUnicastRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1079 | wlsxTrapDefinitionsGroup1079 |
| wlsxLoadbalancingEnabled | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1080 | wlsxTrapDefinitionsGroup1080 |
| wlsxLoadbalancingDisabled | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1081 | wlsxTrapDefinitionsGroup1081 |
| wlsxChannelFrameRetryRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1082 | wlsxTrapDefinitionsGroup1082 |
| wlsxChannelFrame FragmentationRateExceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1083 | wlsxTrapDefinitionsGroup1083 |
| wlsxChannelFrameErrorRate Exceeded | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1084 | wlsxTrapDefinitionsGroup1084 |
| wlsxSignatureMatchAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1085 | wlsxTrapDefinitionsGroup1085 |
| wlsxSignatureMatchSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1086 | wlsxTrapDefinitionsGroup1086 |

| Object | Object ID | |
|---------------------------------------|--------------------------------------|------------------------------|
| wlsxChannelRateAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1087 | wlsxTrapDefinitionsGroup1087 |
| wlsxNodeRateAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1003 | wlsxTrapDefinitionsGroup1003 |
| wlsxNodeRateAnomalyAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1088 | wlsxTrapDefinitionsGroup1088 |
| wlsxNodeRateAnomalySta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1089 | wlsxTrapDefinitionsGroup1089 |
| wlsxEAPRateAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1090 | wlsxTrapDefinitionsGroup1090 |
| wlsxSignalAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1091 | wlsxTrapDefinitionsGroup1091 |
| wlsxSequenceNumber AnomalyAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1092 | wlsxTrapDefinitionsGroup1092 |
| wlsxSequenceNumber AnomalySta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1093 | wlsxTrapDefinitionsGroup1093 |
| wlsxDisconnectStationAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1094 | wlsxTrapDefinitionsGroup1094 |
| wlsxApFloodAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1095 | wlsxTrapDefinitionsGroup1095 |
| wlsxAdhocNetwork | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1096 | wlsxTrapDefinitionsGroup1096 |
| wlsxWirelessBridge | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1097 | wlsxTrapDefinitionsGroup1097 |
| wlsxInvalidMacOUIAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1098 | wlsxTrapDefinitionsGroup1098 |
| wlsxInvalidMacOUISta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1099 | wlsxTrapDefinitionsGroup1099 |
| wlsxWPEMisconfiguration | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1100 | wlsxTrapDefinitionsGroup1100 |
| wlsxStaRepeatWEPIVViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1101 | wlsxTrapDefinitionsGroup1101 |
| wlsxStaWeakWEPIVViolation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1102 | wlsxTrapDefinitionsGroup1102 |
| wlsxStaAssociatedTo UnsecureAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1103 | wlsxTrapDefinitionsGroup1103 |
| wlsxStaUnAssociatedFrom UnsecureAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1104 | wlsxTrapDefinitionsGroup1104 |
| wlsxAdhocNetworkBridge Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1105 | wlsxTrapDefinitionsGroup1105 |
| wlsxInterferingApDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1106 | wlsxTrapDefinitionsGroup1106 |
| wlsxColdStart | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1111 | wlsxTrapDefinitionsGroup1111 |
| wlsxWarmStart | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1112 | wlsxTrapDefinitionsGroup1112 |
| wlsxAPImpersonation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1113 | wlsxTrapDefinitionsGroup1113 |
| wlsxNAuthServerIsDown | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1115 | wlsxTrapDefinitionsGroup1115 |
| wlsxWindowsBridgeDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1129 | wlsxTrapDefinitionsGroup1129 |

| Object | Object ID | |
|--|--------------------------------------|------------------------------|
| wlsxSignAPNetstumbler | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1134 | wlsxTrapDefinitionsGroup1134 |
| wlsxSignStaNetstumbler | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1135 | wlsxTrapDefinitionsGroup1135 |
| wlsxSignAPAsleep | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1136 | wlsxTrapDefinitionsGroup1136 |
| wlsxSignStaAsleep | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1137 | wlsxTrapDefinitionsGroup1137 |
| wlsxSignAPAirjack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1138 | wlsxTrapDefinitionsGroup1138 |
| wlsxSignStaAirjack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1139 | wlsxTrapDefinitionsGroup1139 |
| wlsxSignAPNullProbeResp | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1140 | wlsxTrapDefinitionsGroup1140 |
| wlsxSignStaNullProbeResp | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1141 | wlsxTrapDefinitionsGroup1141 |
| wlsxSignAPDeathBcast | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1142 | wlsxTrapDefinitionsGroup1142 |
| wlsxSignStaDeathBcast | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1143 | wlsxTrapDefinitionsGroup1143 |
| wlsxWindowsBridgeDetectedAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1144 | wlsxTrapDefinitionsGroup1144 |
| wlsxWindowsBridgeDetectedSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1145 | wlsxTrapDefinitionsGroup1145 |
| wlsxAdhocNetworkBridge DetectedAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1146 | wlsxTrapDefinitionsGroup1146 |
| wlsxAdhocNetworkBridge DetectedSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1147 | wlsxTrapDefinitionsGroup1147 |
| wlsxDisconnectStationAttackAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1148 | wlsxTrapDefinitionsGroup1148 |
| wlsxDisconnectStationAttackSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1149 | wlsxTrapDefinitionsGroup1149 |
| wlsxSuspectUnsecureAP Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1150 | wlsxTrapDefinitionsGroup1150 |
| wlsxSuspectUnsecureAP Resolved | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1151 | wlsxTrapDefinitionsGroup1151 |
| wlsxHtGreenfieldSupported | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1157 | wlsxTrapDefinitionsGroup1157 |
| wlsxHT40MHzIntoleranceAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1158 | wlsxTrapDefinitionsGroup1158 |
| wlsxHT40MHzIntoleranceSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1159 | wlsxTrapDefinitionsGroup1159 |
| wlsxNAdhocNetwork | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1161 | wlsxTrapDefinitionsGroup1161 |
| wlsxNAdhocNetworkBridge DetectedAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1162 | wlsxTrapDefinitionsGroup1162 |
| wlsxNAdhocNetworkBridge DetectedSta | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1163 | wlsxTrapDefinitionsGroup1163 |
| wlsxClientFloodAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1170 | wlsxTrapDefinitionsGroup1170 |

| Object | Object ID | |
|--|--------------------------------------|------------------------------|
| wlsxValidClientNotUsing Encryption | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1171 | wlsxTrapDefinitionsGroup1171 |
| wlsxAdhocUsingValidSSID | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1172 | wlsxTrapDefinitionsGroup1172 |
| wlsxAPSpooftingDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1173 | wlsxTrapDefinitionsGroup1173 |
| wlsxClientAssociatingOn WrongChannel | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1174 | wlsxTrapDefinitionsGroup1174 |
| wlsxNDisconnectStationAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1175 | wlsxTrapDefinitionsGroup1175 |
| wlsxNStaUnAssociatedFrom UnsecureAP | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1176 | wlsxTrapDefinitionsGroup1176 |
| wlsxOmertaAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1177 | wlsxTrapDefinitionsGroup1177 |
| wlsxTKIPReplayAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1178 | wlsxTrapDefinitionsGroup1178 |
| wlsxChopChopAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1179 | wlsxTrapDefinitionsGroup1179 |
| wlsxFataJackAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1180 | wlsxTrapDefinitionsGroup1180 |
| wlsxInvalidAddress Combination | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1181 | wlsxTrapDefinitionsGroup1181 |
| wlsxValidClientMisassociation | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1182 | wlsxTrapDefinitionsGroup1182 |
| wlsxMalformedHTIEDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1183 | wlsxTrapDefinitionsGroup1183 |
| wlsxMalformedAssocReq Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1184 | wlsxTrapDefinitionsGroup1184 |
| wlsxOverflowIEDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1185 | wlsxTrapDefinitionsGroup1185 |
| wlsxOverflowEAPOLKey Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1186 | wlsxTrapDefinitionsGroup1186 |
| wlsxMalformedFrameLarge DurationDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1187 | wlsxTrapDefinitionsGroup1187 |
| wlsxMalformedFrameWrong ChannelDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1188 | wlsxTrapDefinitionsGroup1188 |
| wlsxMalformedAuthFrame | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1189 | wlsxTrapDefinitionsGroup1189 |
| wlsxCTSRateAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1190 | wlsxTrapDefinitionsGroup1190 |
| wlsxRTSRateAnomaly | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1191 | wlsxTrapDefinitionsGroup1191 |
| wlsxNRogueAPDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1192 | wlsxTrapDefinitionsGroup1192 |
| wlsxNRogueAPResolved | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1193 | wlsxTrapDefinitionsGroup1193 |
| wlsxNeighborAPDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1194 | wlsxTrapDefinitionsGroup1194 |

| Object | Object ID | |
|-----------------------------------|--------------------------------------|------------------------------|
| wlsxNInterferingAPDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1195 | wlsxTrapDefinitionsGroup1195 |
| wlsxNSuspectRogueAP Detected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1196 | wlsxTrapDefinitionsGroup1196 |
| wlsxNSuspectRogueAP Resolved | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1197 | wlsxTrapDefinitionsGroup1197 |
| wlsxBlockAckAttackDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1198 | wlsxTrapDefinitionsGroup1198 |
| wlsxHotspotterAttackDetected | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1199 | wlsxTrapDefinitionsGroup1199 |
| wlsxNSignatureMatch | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1200 | wlsxTrapDefinitionsGroup1200 |
| wlsxNSignatureMatch Netstumbler | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1201 | wlsxTrapDefinitionsGroup1201 |
| wlsxNSignatureMatchAsleep | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1202 | wlsxTrapDefinitionsGroup1202 |
| wlsxNSignatureMatchAirjack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1203 | wlsxTrapDefinitionsGroup1203 |
| wlsxNSignatureMatchNull ProbeResp | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1204 | wlsxTrapDefinitionsGroup1204 |
| wlsxNSignatureMatchDeath Bcast | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1205 | wlsxTrapDefinitionsGroup1205 |
| wlsxNSignatureMatchDisassoc Bcast | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1206 | wlsxTrapDefinitionsGroup1206 |
| wlsxNSignatureMatch Wellenreiter | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1207 | wlsxTrapDefinitionsGroup1207 |
| wlsxAPDeathContainment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1208 | wlsxTrapDefinitionsGroup1208 |
| wlsxClientDeathContainment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1209 | wlsxTrapDefinitionsGroup1209 |
| wlsxAPWiredContainment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1210 | wlsxTrapDefinitionsGroup1210 |
| wlsxClientWiredContainment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1211 | wlsxTrapDefinitionsGroup1211 |
| wlsxAPTaggedWired Containment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1212 | wlsxTrapDefinitionsGroup1212 |
| wlsxClientTaggedWired Containment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1213 | wlsxTrapDefinitionsGroup1213 |
| wlsxTarpitContainment | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1214 | wlsxTrapDefinitionsGroup1214 |
| wlsxAPChannelChange | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1216 | wlsxTrapDefinitionsGroup1216 |
| wlsxAPPowerChange | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1217 | wlsxTrapDefinitionsGroup1217 |
| wlsxAPModeChange | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1218 | wlsxTrapDefinitionsGroup1218 |
| wlsxUserEntryAttributes Changed | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1219 | wlsxTrapDefinitionsGroup1219 |

| Object | Object ID | |
|-----------------------------------|--------------------------------------|------------------------------|
| wlsxPowerSaveDosAttack | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1220 | wlsxTrapDefinitionsGroup1220 |
| wlsxNAPMasterStatusChange | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1221 | wlsxTrapDefinitionsGroup1221 |
| wlsxNAdhocUsingValidSSID | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1222 | wlsxTrapDefinitionsGroup1222 |
| wlsxMgmtUserAuthentication Failed | 1.3.6.1.4.1.14823.2.3.3.1.200.2.1224 | wlsxTrapDefinitionsGroup1224 |

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. |

wlsxNStationAddedToBlackList

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapNodeMac, wlsxTrapStationBlackListReason |
| Status | current |
| Description | This trap indicates that the station is black listed. |

wlsxNStationRemovedFromBlackList

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapNodeMac |
| Status | current |
| Description | This trap indicates that the station is removed from the black list. the frame type. |

wlsxNRadioAttributesChanged

| | |
|--------------------|--|
| Objects | {wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPIpAddress, wlsxTrapAPChannel, wlsxTrapAPTxFPower } |
| 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. |

wlsxStalImpersonation

| | |
|--------------------|--|
| 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, wlsxTrapTargetAPBSSID, 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. |

wlsxShortPreambleMisconfiguration

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that an access point has bad short preamble configuration. |

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 adhoc network. |

wlsxAdhocNetworkRemoved

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel } |
| Status | current |
| Description | This trap indicates that a previously detected adhoc 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 information check http://www.wve.org/entries/show/WVE-2005-0008 and 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 information 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. |

wlsxAPIInterferenceDetected

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

wlsxAPIInterferenceCleared

| | |
|--------------------|---|
| 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 | |

wlsxLoadbalancingDisabled

| | |
|--------------------|--|
| 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. |

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 information 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 |

wlsxNodeRateAnomaly

| | |
|--------------------|--|
| Objects | wlsxTrapTime, wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPBSSID, wlsxTrapAPLocation |
| Status | current |
| Description | This trap indicates that a node is exceeding the threshold set for the frame type. |

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 information 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 information 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 information 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, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation |
| Status | current |
| Description | <p>This trap indicates that an AM received packets from a Node which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS configuration object.</p> <p>For more information check</p> <p>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</p> |

wlsxDisconnectStationAttack

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation} |
| Status | current |
| Description | <p>This trap indicates that an AM detected a station Disconnect attack.</p> <p>For more information check:</p> <p>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</p> |

wlsxApFloodAttack

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation} |
| Status | current |
| Description | <p>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.</p> <p>For more information check http://www.wve.org/entries/show/WVE-2005-0056</p> |

wlsxAdhocNetwork

| | |
|----------------|---|
| Objects | { wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, |
|----------------|---|

wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }

Status current

Description This trap indicates that an AM detected an Adhoc Network. A station is connected to an adhoc 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 Adhoc network that is bridging to a wired network. |

wlsxInterferingApDetected

| | |
|--------------------|---|
| Objects | { wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapInterferingAPIInfoURL } |
| 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 nor 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 information 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 information check http://www.wve.org/entries/show/WVE-2005-0025 . |

wlsxSignAPAsleep

| | |
|--------------------|---|
| 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 information check http://www.wve.org/entries/show/WVE-2005-0027 |

wlsxSignStaAsleep

| | |
|--------------------|---|
| 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 information 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 information 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 information 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 information 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 information check http://www.wve.org/entries/show/WVE-2006-0064 |

wlsxSignAPDeathBcast

| | |
|----------------|--|
| 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 information 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 information 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 adhoc network that is bridging to a wired network

wlsxAdhocNetworkBridgeDetectedSta

| | |
|--------------------|--|
| Objects | wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel |
| Status | current |
| Description | This trap indicates that an AM has detected an adhoc 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 information 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, wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation |
| Status | current |
| Description | This trap indicates that an AM detected a station Disconnect attack. For more information 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. |

wlsxSuspectUnsecureAPResolved

| | |
|----------------|--|
| Objects | wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber |
|----------------|--|

| | |
|--------------------|---|
| Status | current |
| Description | This trap indicates that a previously detected access point, classified Suspected Rogue, is either no longer present in the network or has changed its state. |

wlsxHtGreenfieldSupported

| | |
|--------------------|--|
| Objects | wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel |
| Status | current |
| Description | This trap indicates that an AP detected an access point that supports HT Greenfield mode. For more information check http://www.wve.org/entries/show/WVE-2008-0005 |

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 information 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 information 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 adhoc network where a station is connected to an adhoc access point. |

wlsxNAdhocNetworkBridgeDetectedAP

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

wlsxAPSpooftingDetected

Objects wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapSpooftedFrameType, 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 information check <http://www.wve.org/entries/show/WVE-2005-0019>

wlsxClientAssociatingOnWrongChannel

Objects wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapSourceMac, wlsxTrapReceiverMac, wlsxTrapSpooftedFrameType, 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 information 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 information 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 information 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 information check http://www.wve.org/entries/show/WVE-2006-0038 |

wlsxFataJackAttack

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel |
| Status | current |
| Description | This trap indicates that an AP detected a FATA-Jack attack. For more information 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 information 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 indication 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 information 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 information 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 information 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 information 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 information 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 information 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 information 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 information 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 information check http://www.wve.org/entries/show/WVE-2005-0025 |

wlsxNSignatureMatchAsleep

| | |
|--------------------|--|
| 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 information 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 information 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 information check <http://www.wve.org/entries/show/WVE-2006-0064>**wlsxNSignatureMatchDeathBcast****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 Death-Broadcast in a frame.
For more information 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 information 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 information check <http://www.wve.org/entries/show/WVE-2006-0058>

wlsxAPDeathContainment

| | |
|--------------------|--|
| 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. |

wlsxClientDeathContainment

| | |
|--------------------|--|
| 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, wlsxTrapAPTxFPower, wlsxTrapAPPPrevTxPower, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation |
| Status | current |
| Description | This trap indicates that an AP changed its transmit power level. |

wlsxAPModeChange

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapAPCurMode, wlsxTrapAPPPrevMode, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation |
| Status | current |
| Description | This trap indicates that an AP changed its mode from AP to AP Monitor 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 adhoc network node using a valid/protected SSID. For more information check http://www.wve.org/entries/show/WVE-2005-0008 |

wlsxMgmtUserAuthenticationFailed

| | |
|--------------------|---|
| Objects | wlsxTrapTime, wlsxTrapUserName, wlsxTrapUserIpAddress, wlsxTrapAuthServerName |
| Status | current |
| Description | |

SNMP Traps

SNMP 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).

The following traps are supported for the ifTable objects:

- linkDown
- linkUp

These traps are sent when there is change on a specific interface such as GRE or Ethernet.

linkDown

| | |
|--------------------|--|
| Object ID | 1.3.6.1.6.3.1.1.5.3 |
| Syntax | NA |
| Max-Access | Current |
| Objects | <ul style="list-style-type: none">• ifIndex• ifAdminStatus• ifOperStatus |
| Status | current |
| Description | Indicates that change of state in communication link. |

linkUp

| | |
|--------------------|--|
| Object ID | 1.3.6.1.6.3.1.1.5.4 |
| Syntax | NA |
| Max-Access | Current |
| Objects | <ul style="list-style-type: none">• ifIndex• ifAdminStatus• ifOperStatus |
| Status | current |
| Description | Indicates that change of state in communication link. |