

ArubaOS-Switch MIB and Trap Support Matrix

aruba

a Hewlett Packard
Enterprise company

Part Number: 5200-6776
Published: October 2019
Edition: 1

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The following table contains the MIBs and Traps supported for each software feature in ArubaOS-Switch. The minimum software version is provided along with the feature name.

Software Feature (minimum software version)	MIBs Supported	Traps Supported
100 Mbps Support on Smart Rate ports (16.06)	hpSwitchConfig hpSwitchPortFastEtherMode	N/A
1588 PTP (16.04)	hpSwitchConfig	N/A
2930F VSF with 8 Members (16.06)	hpicfVsfVC	hpicfVsfVCCommanderChange hpicfVsfVCMemberChange hpicfVsfVCMemberStatusChange
ACL grouping (16.01)	hpicfGppcv2	N/A
ACL Logging Match (16.02)	hpicfDebugLog	N/A
Activate firmware upgrade (16.03)	hpicfActivate	N/A
Activate provision (16.02)	hpicfActivateProvisionMode	N/A
Add MTU to Device Profile (16.02)	hpicfDevConf	N/A
Advanced Threat Detection (16.05)	hpicfBasic hpicfSyslog	N/A
Allow Unsupported Transceiver (16.02)	hpicfTransceiver	N/A
ARP Throttling (16.01)	hpicfArpThrottle	hpicfArpThrottleExceedThreshold Trap

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
BFD (16.01)	hpicfBfd hpicfVrrp hpicfOspf ianabfdStd rfc7330.mibrfc7331	N/A
BFD on static router (16.04)	hpicfIpRoute hpicfBfd	N/A
Bonjour (16.01)	hpicfMdns	N/A
Clear DHCP snooping binding (16.03)	hpicfDhcpSnoop	N/A
Client static IP visibility (16.03)	hpicfIpAddress	N/A
Configurable DHCP snooping rate limit (16.09)	hpicfDhcpSnoopRateLimit hpicfDSnoopV6RateLimit	N/A
Configurable Threshold Value for SNMP Traps (16.06)	hpSwitchConfig hpicfSwitchRMONLogThreshold	N/A
Configure backup and restore without reboot (16.05)	hpicfConfig	N/A
Configuring Traffic Templates (16.05)	hpicfRateLimit hpicfTrafficTemplate	N/A
Connected Devices Reporting (16.04)	hpicfIpAddress	N/A
Console lockout (16.06)	hpicfAuth hpSwitchAuthConsoleLockout	N/A
Critical roles (16.05)	hpicfDot1x	N/A
DHCPv6 snooping (16.05)	hpicfSavi hpicfDSnoopV6	hpicfDSnoopV6SourceBindingOutOfResources hpicfDSnoopV6SourceBindingErrantReply

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Device Fingerprinting with Aruba ClearPass (16.06)	hpicfDeviceMonitor	N/A
Device profiling (16.01)	hpicfDevConf	N/A
DIPLDv6 (16.05)	hpicfSavi hpicfDipldv6	hpicfDIPDv6SourceBindingOutOfResources hpicfDIPLDv6SourceBindingViolations
Downloadable User Roles (16.04)	hpicfAutz hpicfAuth	N/A
Dynamic OUI based device profiling (16.04)	hpicfDevConf hpicfDeviceIdentity	N/A
Federal Government Certifications (16.03)	hpicfAuth hpSwitchConfig hpicfKeyMin hpicfSyslog	N/A
Federal Government Certifications: SSH-Rekey (16.04)	hpicfAuth hpSwitchConfig	N/A
Federal Government Certifications: TLS version enforcement for Cloud applications (16.03)	hpicfTlsMin	N/A
Federal Government Certifications: User lockout (16.04)	Added to hpicfAuth: <ul style="list-style-type: none"> • hpicfSwitchUnlockUser • hpicfSwitchUserBasedLockout 	N/A
FIPS-140 (16.02)	hpicfAuthhpicfNtp	N/A
FQDN support for NTP server (16.05)	hpicfNtp	N/A
Front Panel Security (16.05)	hpicfAuth	N/A

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Global OSPF cost setting (16.05)	hpicfOspf hpicfOspfv3	N/A
Hibernation (16.04)	hpSwitchConfig	N/A
Infra : Feature Preview mode (16.01)	hpSwitchConfig	N/A
IP Service Level Agreement (SLA) (16.02)	hpicfIpSla	hpicfIpSlaThresholdexceeded hpicfIpSlaTestCompletion hpicfIpSlaThresholdPktLoss
IP SLA - DNS and DHCP SLA, UDP jitter and VoIP SLA (16.03)	hpicfIpSla	N/A
IPsec for AirWave Connection (16.02)	hpicfAMPServer	N/A
IPSec tunnel to secondary controller (16.06)	hpicfAMPServer hpicfArubaVPNBkpIPType hpicfArubaVPNBkpIP	N/A
IPv6 router preference (16.04)	hpicfIpRoute	N/A
IPv6 ZTP for Dataport (16.06)	hpicfAMPServer hpicfAMPServerIPType. hpicfAMPServerIP hpicfAMPServerGroup hpicfAMPServerFolder hpicfAMPServerSecret hpicfAMPServerConfigStatus	N/A
JSON / REST API (16.01)	hpSwitchBasicConfig	N/A

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Local User Roles (16.02)	hpicfAutz hpicfLma hpicfDot1x hpicfGppcv2 hpicfUsrAuth	N/A
Log Blackhole/NULL Route (16.02)	hpicfIpRoute	N/A
LLDP authentication bypass with AP (16.02.0012)	hpicfUsrAuth	N/A
MAC age (16.05)	hpicfGenericVlan	N/A
MAC Authentication Toggle (16.02)	hpicfUsrAuth	N/A
MAC delimiter (16.04)	hpSwitchConfig	N/A
Mac pinning (16.05)	hpicfUsrAuth hpicfLma	N/A
Management module preference (16.04)	hpicfHighAvailability	N/A
MVRP (16.01)	hpicfMvrp ieee8021Bridge ieee8021qbridge	hpicfMvrpVlanLimitReachedEvent

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Multicast Storm control (16.06)	<pre> hpicfFfMcastStormPortConfig HpicfFfMcastStormPortConfigEntry ::= SEQUENCE { hpicfFfMcastStormPortIndex hpicfFfMcastStormMode hpicfFfMcastStormRisingpercent hpicfFfMcastStormRisingpps hpicfFfMcastStormAction hpicfFfMcastStormPortDisablTimer } </pre>	N/A
Net-destination (16.06)	hpicfGppcv2PrPolicyRule	N/A
New CLI: dhcp-snooping-allow-overwrite-binding (16.02)	hpicfDhcpSnoop	N/A
New CLI: ipv6 mld send-router-alert alternative-padding (16.02)	hpicfMld	N/A
New CLI: power-over-ethernet poe-reset port a5 (16.02)	hpicfPoe	N/A
NTP (16.01)	hpicfNtp rfc5907	N/A
Open authentication (16.05)	hpicfDot1x	N/A
OpenFlow — Custom Matches (16.02)	hpicfOpenFlow	N/A
OSPF Routed Access Support (16.02)	hpicfOspf	N/A
Password Complexity (16.01)	hpicfAuth	hpSwitchPasswordExpiryNotify
Per-Port Initial Role (16.05)	hpicfDot1x	N/A
Per-Port Trust (16.02)	hpSwitchConfig	N/A

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
PIMv6 (16.05)	hpicfPim6	hpicfPim6TrapControl hpicfPim6HardMRTFull hpicfPim6SoftMRTFull
Port-based Tunneling (16.02)	hpicfTunneledNode	N/A
Port-based tunneling fallback to switching (16.02.0012)	hpicfTunneledNode	N/A
Port-based Tunneling: Preventing double tunneling of Aruba Access Points (16.05)	hpicfDevConf	N/A
Port automatic 3rd party device detection (16.03)	hpicfDevConf	N/A
Private VLAN (16.01)	hpicfPrivateVlan	N/A
RADIUS availability (16.01)	hpicfAuth	N/A
RADIUS tracking enhancement (16.05)	hpicfAuth	N/A
RADIUS tracking improvements (16.06)	hpicfAuth hpSwitchRadiusTrackingPassword hpSwitchRadiusTrackDeadOnly hpSwitchRadiusTrackReqPktCount	N/A

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Secure RADIUS (RadSec) (16.09)	hpSwitchRadiusServerEntry: <ul style="list-style-type: none"> • hpSwitchRadiusTLSEnable • hpSwitchRadiusTLSPort • hpSwitchRadiusTLSRetryTimer hpSwitchRadiusConfig: <ul style="list-style-type: none"> • hpSwitchRadiusTLSTimeout • hpSwitchRadiusTLSConnectionTime out • hpSwitchRadiusTLSDeadTime • hpSwitchRadiusTLSDeadTimeInfinite hpSwitchAAAServerGroupTable: hpSwitchAAAServerGroupTLSEnable hpicfSrcIpProtocolIndex: option radsec hpicfTlsMinApp: option radsec	N/A
Resilient 802.1x cached-reauth (16.05)	hpicfDot1x	N/A
Retain Configuration on 5400R when Switching from v3-only to v2-compatible mode (16.02)	hpSwitchConfig	N/A
RIPng (16.01)	hpicfRipng	hpicfRipngIfStateChange hpicfRipngIfConfigError hpicfRipngIfRxBadPacket
Schedule Job (16.01)	hpicfJobScheduler	N/A

Table Continued

Software Feature (minimum software version)	MIBs Supported	Traps Supported
SNMP Port Egress Queue (16.06)	hpSwitchEgressQueueTxPkts hpSwitchEgressQueueTxDropPkts hpSwitchEgressQueueTxBytes hpSwitchEgressQueueTxDropBytes	N/A
Source IP specification for OpenFlow (16.05)	hpicfOpenFlow	N/A
TACACS server order (16.09)	hpSwitchTacacsOrderingSequence	N/A
TLS Cipher-Disable (16.04)	hpicfTlsMin	N/A
Traffic Policing with the Two Rate Three Color Marker	hpicfGppcv2PrPolicyRule	N/A
Unauthorized VLAN ID LLDP Interop (16.09)	hpicfDot1xAuthUnauthVidLLDPNwkPolicy hpicfLmaUnauthVidLLDPNwkPolicy hpicfUsrAuthMacAuthUnauthVidLLDPNwkPolicy	N/A
User-based Tunneling (16.04)	hpicfTunneledNode	N/A
VSF (16.01)	hpicfVsfVC	hpicfVsfVCCommanderChange hpicfVsfVCMemberChange hpicfVsfVCMemberStatusChange
VSF 4-member chain, 1G inter-link support, basic traffic forwarding (Unicast only) (16.03)	hpicfVsfVC	N/A
VSF 4-member ring, topology change, HA, stack split, plug and play, multi-homed trunks, multicast forwarding (16.03)	hpicfVsfVC	N/A

Networking Websites

Aruba Support Portal

asp.arubanetworks.com

Aruba Software and Documentation

asp.arubanetworks.com/downloads

Hewlett Packard Enterprise Networking Software

www.hpe.com/networking/software

Hewlett Packard Enterprise Networking website

www.hpe.com/info/networking

Hewlett Packard Enterprise My Networking website

www.hpe.com/networking/support

Hewlett Packard Enterprise My Networking Portal

www.hpe.com/networking/mynetworking

Hewlett Packard Enterprise Networking Warranty

www.hpe.com/networking/warranty

General websites

Hewlett Packard Enterprise Information Library

www.hpe.com/info/EIL

For additional websites, see [Support and other resources](#).

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
<http://www.hpe.com/info/assistance>
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
<http://www.hpe.com/support/hpesc>

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates:
Hewlett Packard Enterprise Support Center
www.hpe.com/support/hpesc
Hewlett Packard Enterprise Support Center: Software downloads
www.hpe.com/support/downloads
Software Depot
www.hpe.com/support/softwaredepot
- To subscribe to eNewsletters and alerts:
www.hpe.com/support/e-updates
- To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:
www.hpe.com/support/AccessToSupportMaterials



IMPORTANT: Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HPE Passport set up with relevant entitlements.

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

<http://www.hpe.com/support/selfrepair>

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

Remote support and Proactive Care information

HPE Get Connected

www.hpe.com/services/getconnected

HPE Proactive Care services

www.hpe.com/services/proactivecare

HPE Datacenter Care services

www.hpe.com/services/datacentercare

HPE Proactive Care service: Supported products list

www.hpe.com/services/proactivecaresupportedproducts

HPE Proactive Care advanced service: Supported products list

www.hpe.com/services/proactivecareadvancedsupportedproducts

Proactive Care customer information

Proactive Care central

www.hpe.com/services/proactivecarecentral

Proactive Care service activation

www.hpe.com/services/proactivecarecentralgetstarted

Warranty information

To view the warranty information for your product, see the links provided below:

HPE ProLiant and IA-32 Servers and Options

www.hpe.com/support/ProLiantServers-Warranties

HPE Enterprise and Cloudline Servers

www.hpe.com/support/EnterpriseServers-Warranties

HPE Storage Products

www.hpe.com/support/Storage-Warranties

HPE Networking Products

www.hpe.com/support/Networking-Warranties

Regulatory information

To view the regulatory information for your product, view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

www.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

www.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

www.hpe.com/info/environment

Documentation feedback

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