Aruba
MIB and Trap Support Matrix
for AOS-S Switch 16.10

aruba

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Enterprise company

Contents

As part of advancing HPE's commitment to racial justice, we are taking a much-needed step in overhauling HPE engineering terminology to reflect our belief system of diversity and inclusion. Some legacy products and publications may continue to include terminology that seemingly evokes bias against specific groups of people. Such content is not representative of our HPE culture and moving forward, Aruba will replace racially insensitive terms and instead use the following new language:

Usage	Old Language	New Language
Campus Access Points + Controllers	Master-Slave	Conductor-Member
Instant Access Points	Master-Slave	Conductor-Member
Switch Stack	Master-Slave	Conductor-Member
Wireless LAN Controller	Mobility Master	Mobility Conductor
Firewall Configuration	Blacklist, Whitelist	Denylist, Allowlist
Types of Hackers	Black Hat, White Hat	Unethical, Ethical

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
2930F and 5400R VSF members in stack (16.10)	hpicfVsfVCMemberCount	N/A
2930F and 5400R Active VSF members in stack (16.10)	hpicfVsfVCActiveMemberCount	N/A
2930M and 3810 BPS members in stack (16.10)	hpStackMemberCount	N/A
2930M and 3810 Active BPS members in stack (16.10)	hpStackActiveMemberCount	N/A
ACL grouping (16.01)	hpicfGppcv2	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
ACL Logging Match (16.02)	hpicfDebugLog	N/A
Activate firmware upgrade (16.03)	hpicfActivate hpicfActivateOverrideConfigCheck	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
AES 256-bit encryption for SNMP	hpicfSnmpUsm	N/A
Allow Unsupported Transceiver (16.02)	hpicfTransceiver	N/A
ARP Throttling (16.01)	hpicfArpThrottle	hpicfArpThrottleExceedThresholdTrap
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

Software Feature (minimum software version)	MIBs Supported	Traps Supported
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 EAP-TLS fragment size (16.10)	hpicfDot1xAuthEapTlsFragmentSize	N/A
Configuring Traffic Templates (16.05)	hpicRateLimit 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
Device Fingerprinting with Aruba ClearPass (16.06)	hpicfDeviceMonitor	N/A
Device profiling (16.01)	hpicfDevConf	N/A
DIPLDv6 (16.05)	hpicfSavi hpicfDipIdv6	hpicfDIPDv6SourceBindingOutOfResources hpicfDIPLDv6SourceBindingVoilations

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Downloadable User Roles (16.04)	hpicfAutz hpicfAuth	N/A
Dynamic OUI based device profiling (16.04)	hpicfDevConf hpicfDeviceIdentity	N/A
EST server cacerts download (16.10)	hpicfESTServerCACertsDownload	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: ■ 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
Global OSPF cost setting (16.05)	hpicfOspf hpicfOspfv3	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Hibernation (16.04)	hpSwitchConfig	N/A
Infra : Feature Preview mode (16.01)	hpSwitchConfig	N/A
IP Service Level Agreement (SLA) (16.02)	hpicflpSla	hpicflpSlaThresholdexceeded hpicflpSlaTestCompletion hpicflpSlaThresholdPktLoss
IP SLA - DNS and DHCP SLA, UDP jitter and VoIP SLA (16.03)	hpicflpSla	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)	hpicflpRoute	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
Local User Roles (16.02)	hpicfAutz hpicfLma hpicfDot1x hpicfGppcv2 hpicfUsrAuth	N/A
Log Blackhole/NULL Route (16.02)	hpicflpRoute	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
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

Multicast Storm control (16.06)	hpicfFfMcastStormPortConfig
	HpicfFfMcastStormPortConfigEntry ::=
	SEQUENCE {
	hpicfFfMcastStormPortIndex
	hpicfFfMcastStormMode
	hpicfFfMcastStormRisingpercent
	hpicfFfMcastStormRisingpps
	hpicfFfMcastStormAction
	hpicfFfMcastStormPortDisablTimer
	}
		N/A

Net-destination (16.06)	hpicfGppcv2PrPolicyRule	N/A
New CLI: `dhcp-snooping-allow-overwrite-binding` (16.02)	hpicfDhcpSnoop	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
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
PIMv6 (16.05)	hpicfPim6 �	hpicfPim6TrapControl hpicfPim6HardMRTFull hpicfPim6SoftMRTFull
Port-based Tunneling (16.02)	hpicfTunneledNode	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
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
Randomization of TCP Timestamp (16.10)	hpTcpRandomizeTimeStamp	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

Software Feature (minimum software version)	MIBs Supported	Traps Supported
RIPng (16.01)	hpicfRipng	hpicfRipngIfStateChange hpicfRipngIfConfigError hpicfRipngIfRxBadPacket
Schedule Job (16.01)	hpicfJobScheduler	N/A
Secure RADIUS (RadSec) (16.09)	hpSwitchRadiusServerEntry: ■ hpSwitchRadiusTLSEnable ■ hpSwitchRadiusTLSPort ■ hpSwitchRadiusTLSRetryTimer hpSwitchRadiusConfig: ■ hpSwitchRadiusTLSTimeout ■ hpSwitchRadiusTLSConnectionTimeout ■ hpSwitchRadiusTLSDeadTime ■ hpSwitchRadiusTLSDeadTimeInfinite hpSwitchAAAServerGroupTable: ■ hpSwitchAAAServerGroupTLSEnable hpicfSrcIpProtocolIndex: ■ option radsec hpicfTlsMinApp: ■ option radsec	N/A
SNMP Port Egress Queue (16.06)	hpSwitchEgressQueueTxPkts hpSwitchEgressQueueTxDropPkts hpSwitchEgressQueueTxBytes hpSwitchEgressQueueTxDropBytes	N/A
Stacking enhancements	hpicfReloadMIB ■ hpicfReloadSystem ■ hpicfReloadGroup1	
Source IP specification for OpenFlow (16.05)	hpicfOpenFlow	N/A
Source interface option for Central connectivity	hpicfActivate	N/A

Software Feature (minimum software version)	MIBs Supported	Traps Supported
Support Silent Devices in User-Based Tunneling 1.0 (16.10)	hpicfTunneledNodeWolVIDList	N/A
Syslog enhancement	hpicfSyslog hpicfSyslogControlPrefixString	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
Uplink port status replication	hpSwitchConfig hpSwitchFlexibleUplinkPortLedMapping	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

Accessing Aruba Support

Aruba Support Services	https://www.arubanetworks.com/support-services/
Aruba Support Portal	https://asp.arubanetworks.com/
North America telephone	1-800-943-4526 (US & Canada Toll-Free Number) +1-408-754-1200 (Primary - Toll Number) +1-650-385-6582 (Backup - Toll Number - Use only when all other numbers are not working)
International telephone	https://www.arubanetworks.com/support-services/contactsupport/

Be sure to collect the following information before contacting Support:

- 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

Other useful Sites

Other websites that can be used to find information:

Airheads social forums and Knowledge Base	https://community.arubanetworks.com/
Software licensing	https://lms.arubanetworks.com/
End-of-Life information	https://www.arubanetworks.com/support-services/end-of-life/
Aruba software and documentation	https://asp.arubanetworks.com/downloads

Accessing Updates

To download product updates:

Aruba Support Portal

https://asp.arubanetworks.com/downloads

If you are unable to find your product in the Aruba Support Portal, you may need to search My Networking, where older networking products can be found:

My Networking

https://www.hpe.com/networking/support

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:

https://support.hpe.com/portal/site/hpsc/aae/home/

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