

Required Imports

| Class | Element |
|---------------------------|--------------------|
| ARUBAWIRED-NETWORKING-OID | wndFeatures |
| POWER-ETHERNET-MIB | pethPsePortEntry |
| POWER-ETHERNET-MIB | pethMainPseEntry |
| SNMPv2-CONF | MODULE-COMPLIANCE |
| SNMPv2-CONF | NOTIFICATION-GROUP |
| SNMPv2-CONF | OBJECT-GROUP |
| SNMPv2-SMI | NOTIFICATION-TYPE |
| SNMPv2-SMI | IpAddress |
| SNMPv2-SMI | OBJECT-TYPE |
| SNMPv2-SMI | OBJECT-IDENTITY |
| SNMPv2-SMI | TimeTicks |
| SNMPv2-SMI | Gauge32 |
| SNMPv2-SMI | Counter64 |
| SNMPv2-SMI | Integer32 |
| SNMPv2-SMI | MibIdentifier |
| SNMPv2-SMI | Bits |
| SNMPv2-SMI | MODULE-IDENTITY |
| SNMPv2-SMI | Counter32 |
| SNMPv2-SMI | Unsigned32 |
| SNMPv2-SMI | iso |
| SNMPv2-TC | DisplayString |
| SNMPv2-TC | TEXTUAL-CONVENTION |

arubaWiredPoeMIB

| Name | arubaWiredPoeMIB |
|--------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8 |
| Class | moduleidentity |
| Lastupdated | 2019-06-24 00:00:00 UTC |
| Organization | HPE/Aruba Networking Division |
| Contactinfo | Hewlett Packard Company 8000 Foothills Blvd. Roseville, CA 95747 |
| Description | This MIB module describes management objects that manage Power Source Equipment (PSE). This is the MIB module related to the arubaWiredPoeMIB module. |

arubaWiredPoePethPsePort

| Name | arubaWiredPoePethPsePort |
|------|--------------------------|
|------|--------------------------|

| | |
|-------|-------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1 |
| Class | objectidentity |

arubaWiredPoeConformance

| Name | arubaWiredPoeConformance |
|-------|-------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2 |
| Class | objectidentity |

arubaWiredPoePethMainPse

| Name | arubaWiredPoePethMainPse |
|-------|-------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3 |
| Class | objectidentity |

arubaWiredPoePethPseModule

| Name | arubaWiredPoePethPseModule |
|-------|-------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4 |
| Class | objectidentity |

arubaWiredPoePethPsePortTable

| Name | arubaWiredPoePethPsePortTable |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1 |
| Nodetype | table |
| Class | objecttype |
| Maxaccess | not-accessible |
| Status | current |
| Description | Use this table to describe the power characteristics of power Ethernet ports on a Power Source Entity (PSE) device. This group will be implemented in managed power Ethernet switches. |

arubaWiredPoePethPsePortEntry

| Name | arubaWiredPoePethPsePortEntry |
|--------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1 |
| Nodetype | row |
| Class | objecttype |
| Maxaccess | not-accessible |
| Augmentation | arubaWiredPoePethPsePortEntry |
| Augmentation | ARUBAWIRED-POE-MIB |
| Augmentation | pethPsePortEntry |
| Status | current |
| Description | The fields in these entries will be used to supplement fields in 'pethPsePortEntry' in ieee802af.mib. |

arubaWiredPoePethPsePortPowerAllocateBy

| Name | arubaWiredPoePethPsePortPowerAllocateBy |
|-----------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.1 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Default | 1 |
| Default | decimal |
| Maxaccess | read-write |
| Status | current |

this port. Two power allocation strategies are Class(2) and usage(1). When allocating by usage(1) power is delivered as requested by a PD. When allocating by class(2) the P

arubaWiredPoePethPsePortPreStdDetect

| Name | arubaWiredPoePethPsePortPreStdDetect |
|-----------|--------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.2 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Default | 1 |
| Default | decimal |
| Maxaccess | read-only |
| Status | current |

This field specifies the pre standard detect configuration for this port. A value of on - indicates that pre-802.3af-standard devices to power on. A value of off - indicates that only

arubaWiredPoePethPsePortRpd

| Name | arubaWiredPoePethPsePortRpd |
|----------|-------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.3 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |

| | |
|--|-----------|
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Default | 1 |
| Default | decimal |
| Maxaccess | read-only |
| Status | current |
| Description: This field indicates whether the interface will go down in the event of any PSU failure or not. A value of on(2) indicates that a p | |

arubaWiredPoePethPsePortCurrent

| Name | arubaWiredPoePethPsePortCurrent |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.4 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | milliamperes |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies the current supplied at this port. This value is specified in milliamperes(mA). |

arubaWiredPoePethPsePortVoltage

| Name | arubaWiredPoePethPsePortVoltage |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.5 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | decivolts |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies the Voltage supplied at this port. This value is specified in 10's of Volts (dV). |

arubaWiredPoePethPsePortReservedPower

| Name | arubaWiredPoePethPsePortReservedPower |
|----------|---------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.6 |
| Nodetype | column |

| | |
|-------------|---|
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | milliwatts |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies quantum of power which has been reserved for the PD at this port. This value is specified in milliwatts. |

arubaWiredPoePethPsePortPowerDrawn

| Name | arubaWiredPoePethPsePortPowerDrawn |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.7 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | milliwatts |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies quantum of power which has indicating the actual power drawn by powered device(PD). This value is specified in milliwatts. |

arubaWiredPoePethPsePortAveragePower

| Name | arubaWiredPoePethPsePortAveragePower |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.8 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | milliwatts |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies the average power in milliwatts drawn by the powered device (PD) on this port. |

arubaWiredPoePethPsePortPeakPower

| Name | arubaWiredPoePethPsePortPeakPower |
|----------|-------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.9 |
| Nodetype | column |
| Class | objecttype |

| | |
|-------------|---|
| Syntax | Integer32 |
| Syntax | type |
| Units | milliwatts |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies the peak power supplied in milliwatts to the powered device (PD) connected to this port. |

arubaWiredPoePethPsePortOperStatus

| Name | arubaWiredPoePethPsePortOperStatus |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.10 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Default | 2 |
| Default | decimal |
| Maxaccess | read-only |
| Status | current |
| Description | This field specifies the operational status of the port. |

arubaWiredPoePethPsePortPdSignature

| Name | arubaWiredPoePethPsePortPdSignature |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.11 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 0 |
| Syntax | 1 |
| Syntax | 2 |
| Maxaccess | read-only |
| Status | current |
| Description | On the PD side there can either be one power controller, or two distinct power controllers connected to each of the two pairs and each of the two controllers would |

arubaWiredPoePethPsePortPowerClassification

| Name | arubaWiredPoePethPsePortPowerClassification |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.12 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Syntax | 5 |
| Syntax | 6 |
| Syntax | 7 |
| Syntax | 8 |
| Syntax | 9 |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.6 aPSEPowerClassification. |
| Status | current |
| Description | According to their power consumption. Devices such as telephones, WLAN access points and others, will be classified according to their power requirements. The meaning of |

arubaWiredPoePethPsePortPseAssignedClass

| Name | arubaWiredPoePethPsePortPseAssignedClass |
|----------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.1.1.13 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Syntax | 5 |
| Syntax | 6 |
| Syntax | 7 |

D requested power based on the PD requested power and PSE available power. This information is published to the PD via the LLDP protocol. This read-only value indicates

arubaWiredPoePethPseFourPairPortTable

| Name | arubaWiredPoePethPseFourPairPortTable |
|-----------|---------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2 |
| Nodetype | table |
| Class | objecttype |
| Maxaccess | not-accessible |
| Status | current |

ay and control the power characteristics of power Ethernet ports on a Power Source Entity (PSE) device. This group will be implemented in managed power Ethernet switches

arubaWiredPoePethPseFourPairPortEntry

| Name | arubaWiredPoePethPseFourPairPortEntry |
|--------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1 |
| Nodetype | row |
| Class | objecttype |
| Maxaccess | not-accessible |
| Augmentation | arubaWiredPoePethPseFourPairPortEntry |
| Augmentation | ARUBAWIRED-POE-MIB |
| Augmentation | pethPsePortEntry |
| Status | current |
| Description | The fields in these entries will be used to supplement fields in 'pethPsePortEntry' in ieee802af.mib. |

arubaWiredPoePethPsePortDetectionStatusPairA

| Name | arubaWiredPoePethPsePortDetectionStatusPairA |
|----------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.1 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Default | 1 |
| Default | decimal |

PRI if alt_pri='a', or the state POWER_ON_SEC if alt_pri='b'. A value of faultAltA - indicates that the PSE State diagram is in the state IDLE_PRI if alt_pri='a', or the state IDLE

| | |
|-------------|---|
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.5a aPSEPowerDetectionStatusA. |
| Status | current |
| Description | |

arubaWiredPoePethPsePortDetectionStatusPairB

| Name | arubaWiredPoePethPsePortDetectionStatusPairB |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.2 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Default | 1 |
| Default | decimal |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.5b aPSEPowerDetectionStatusB. |
| Status | current |
| Description | |

SEC if alt_pri='a', or the state POWER_ON_PRI if alt_pri='b'. A value of faultAltB - indicates that the PSE State diagram is in the state IDLE_SEC if alt_pri='a', or the state IDLE

arubaWiredPoePethPsePortPowerClassificationPairA

| Name | arubaWiredPoePethPsePortPowerClassificationPairA |
|-----------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.3 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Syntax | 5 |
| Maxaccess | read-only |

According to their power consumption. Devices described in telephones, WLAN access points and others, will be classified according to their power requirements. The meaning of

arubaWiredPoePethPsePortPowerClassificationPairB

| Name | arubaWiredPoePethPsePortPowerClassificationPairB |
|-----------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.4 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Syntax | 5 |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.6b aPSEPowerClassificationB. |
| Status | current |

According to their power consumption. Devices described in telephones, WLAN access points and others, will be classified according to their power requirements. The meaning of

arubaWiredPoePethPsePortPseAssignedClassA

| Name | arubaWiredPoePethPsePortPseAssignedClassA |
|-----------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.5 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Maxaccess | read-only |
| Status | current |

PSE to the PD. Class demotion allows the PSE to allocate less than the PD requested power based on the PD requested power and PSE available power. This information is

arubaWiredPoePethPsePortPseAssignedClassB

| Name | arubaWiredPoePethPsePortPseAssignedClassB |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.6 |
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Syntax | 3 |
| Syntax | 4 |
| Maxaccess | read-only |
| Status | current |
| Description | Class demotion allows the PSE to allocate less than the PD requested power based on the PD requested power and PSE available power. This information is used to calculate the power available to the PD. |

arubaWiredPoePethPsePortInvalidSignatureCounter PairA

| Name | arubaWiredPoePethPsePortInvalidSignatureCounterPa |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.7 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.7a aPSEInvalidSignatureCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state SIGNATURE_INVALID, if alt_pri |

arubaWiredPoePethPsePortInvalidSignatureCounter PairB

| Name | arubaWiredPoePethPsePortInvalidSignatureCounterPa |
|----------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.8 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |

| | |
|-------------|---|
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.7b aPSEInvalidSignatureCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state SIGNATURE_INVALID, if alt_pri='b' |

arubaWiredPoePethPsePortPowerDeniedCounterPairA

| Name | arubaWiredPoePethPsePortPowerDeniedCounterPairA |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.9 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.8a aPSEPowerDeniedCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state POWER_DENIED, if alt_pri='a' |

arubaWiredPoePethPsePortPowerDeniedCounterPairB

| Name | arubaWiredPoePethPsePortPowerDeniedCounterPairB |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.10 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.8b aPSEPowerDeniedCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state POWER_DENIED, if alt_pri='b' |

arubaWiredPoePethPsePortOverLoadCounterPairA

| Name | arubaWiredPoePethPsePortOverLoadCounterPairA |
|----------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.11 |
| Nodetype | column |

| | |
|-------------|---|
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.9a aPSEOverLoadCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state ERROR_DELAY_OVER, if alt_pr |

arubaWiredPoePethPsePortOverLoadCounterPairB

| Name | arubaWiredPoePethPsePortOverLoadCounterPairB |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.12 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.10 aPSEOverLoadCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram enters the state ERROR_DELAY_OVER, if alt_pr |

arubaWiredPoePethPsePortMPSAbsentCounterPairA

| Name | arubaWiredPoePethPsePortMPSAbsentCounterPairA |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.13 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.11a aPSEMPSAbsentCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram transitions directly from the state POWER_ON to the state IDLE due to tmpdo_tim |

arubaWiredPoePethPsePortMPSAbsentCounterPairB

| Name | arubaWiredPoePethPsePortMPSAbsentCounterPairB |
|----------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.1.2.1.14 |
| Nodetype | column |
| Class | objecttype |

| | |
|-------------|---|
| Syntax | Counter32 |
| Syntax | type |
| Maxaccess | read-only |
| Reference | IEEE Std 802.3bt Section 30.9.1.1.11b aPSEMPSAbsentCounter. |
| Status | current |
| Description | This counter is incremented when the PSE state diagram transitions directly from the state POWER_ON to the state IDLE due to tmpdo_time |

arubaWiredPoePethMainPseTable

| Name | arubaWiredPoePethMainPseTable |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3.1 |
| Nodetype | table |
| Class | objecttype |
| Maxaccess | not-accessible |
| Status | current |
| Description | Table of objects that display and control attributes of the main power source in a PSE device. Ethernet switches are one example of boxes that would support these objects. V |

arubaWiredPoePethMainPseEntry

| Name | arubaWiredPoePethMainPseEntry |
|--------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3.1.1 |
| Nodetype | row |
| Class | objecttype |
| Maxaccess | not-accessible |
| Augmentation | arubaWiredPoePethMainPseEntry |
| Augmentation | ARUBAWIRED-POE-MIB |
| Augmentation | pethMainPseEntry |
| Status | current |
| Description | The fields in these entries will be used to supplement fields in 'pethMainPseEntry' in ieee802af.mib. |

arubaWiredPoePethMainPseReservedPower

| Name | arubaWiredPoePethMainPseReservedPower |
|-----------|---------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3.1.1.1 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | Watts |
| Maxaccess | read-only |

| | |
|---|---------|
| Status | current |
| This field specifies the power in Watts, in the switch available for PoE power delivery. This power is available only for subsystems of type chassis, as power is not available for PoE power delivery when a single power supply failure happens. This power is available only for subsystems of type chassis. | |

arubaWiredPoePethMainPseFailoverPower

| Name | arubaWiredPoePethMainPseFailoverPower |
|--|---------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3.1.1.2 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | Watts |
| Maxaccess | read-only |
| Status | current |
| This field specifies the power in Watts, in the switch available for PoE power delivery when a single power supply failure happens. This power is available only for subsystems of type chassis. | |

arubaWiredPoePethMainPseRedundantPower

| Name | arubaWiredPoePethMainPseRedundantPower |
|--|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.3.1.1.3 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Units | Watts |
| Maxaccess | read-only |
| Status | current |
| This field specifies power in Watts reserved for power supply based on power redundancy configurations. This power is available only for subsystems of type chassis. | |

arubaWiredPoePethPseModuleTable

| Name | arubaWiredPoePethPseModuleTable |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4.1 |
| Nodetype | table |
| Class | objecttype |
| Maxaccess | not-accessible |
| Status | current |
| Description | A table of objects contains the AlwaysOnPoe status information on module. |

arubaWiredPoePethPseModuleEntry

| Name | arubaWiredPoePethPseModuleEntry |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4.1.1 |
| Nodetype | row |
| Class | objecttype |
| Maxaccess | not-accessible |
| Indices | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPseModuleGroupIndex', 'implied': 0} |
| Indices | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPseModuleSlotIndex', 'implied': 0} |
| Status | current |
| Description | The fields in these entries will be used to display alwaysonpoe status information on specific module. |

arubaWiredPoePethPseModuleGroupIndex

| Name | arubaWiredPoePethPseModuleGroupIndex |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4.1.1.1 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Syntax | {'min': 1, 'max': 2147483647} |
| Maxaccess | not-accessible |
| Status | current |
| Description | This variable uniquely identifies the group containing the module to which a power Ethernet PSE is connected. Group means box in the stack and the v |

arubaWiredPoePethPseModuleSlotIndex

| Name | arubaWiredPoePethPseModuleSlotIndex |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4.1.1.2 |
| Nodetype | column |
| Class | objecttype |
| Syntax | Integer32 |
| Syntax | type |
| Syntax | {'min': 1, 'max': 2147483647} |
| Maxaccess | not-accessible |
| Status | current |
| Description | This variable uniquely identifies the module in a switch and value 1 must be used for non-modular device |

arubaWiredPoePethPseModuleAlwaysOnPoe

| Name | arubaWiredPoePethPseModuleAlwaysOnPoe |
|------|---------------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.4.1.1.3 |

| | |
|-----------|------------|
| Nodetype | column |
| Class | objecttype |
| Syntax | INTEGER |
| Syntax | type |
| Syntax | 1 |
| Syntax | 2 |
| Default | 2 |
| Default | decimal |
| Maxaccess | read-only |
| Status | current |

. Value on(2) indicates Always-on PoE feature is enabled on the subsystem. Value off(1) indicates Always-on PoE feature is disabled on the subsystem. This feature is applicable to all HP switches with PoE capability.

arubaWiredPoeCompliances

| Name | arubaWiredPoeCompliances |
|-------|---------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2.1 |
| Class | objectidentity |

arubaWiredPoeGroups

| Name | arubaWiredPoeGroups |
|-------|---------------------------------|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2.2 |
| Class | objectidentity |

arubaWiredPoeCompliance

| Name | arubaWiredPoeCompliance |
|------------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2.1.1 |
| Class | modulecompliance |
| Modulecompliance | {'object': 'arubaWiredPoePethPsePortTable', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethMainPseTable', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethPseModuleTable', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethPsePortTableGroup', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethPseFourPairPortTableGroup', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethMainPseTableGroup', 'module': 'ARUBAWIRED-POE-MIB'} |
| Modulecompliance | {'object': 'arubaWiredPoePethPseModuleTableGroup', 'module': 'ARUBAWIRED-POE-MIB'} |
| Status | current |
| Description | A compliance statement for HP Routing switches with PoE capability. |

arubaWiredPoePethPsePortTableGroup

| Name | | arubaWiredPoePethPsePortTableGroup |
|-------------|---|------------------------------------|
| Oid | | 1.3.6.1.4.1.47196.4.1.1.3.8.2.2.1 |
| Class | | objectgroup |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerAllocateBy'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPreStdDetect'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortRpd'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortCurrent'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortVoltage'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortReservedPower'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerDrawn'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortAveragePower'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPeakPower'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortOperStatus'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPdSignature'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerClassification'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPseAssignedClass'} | |
| Status | | current |
| Description | A collection of objects display configuration, status, PD information and mesurements of PoE PSE Port table | |

arubaWiredPoePethPseFourPairPortTableGroup

| Name | | arubaWiredPoePethPseFourPairPortTableGroup |
|---------|--|--|
| Oid | | 1.3.6.1.4.1.47196.4.1.1.3.8.2.2.2 |
| Class | | objectgroup |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortDetectionStatusPairA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortDetectionStatusPairB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerClassificationPairA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerClassificationPairB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPseAssignedClassA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPseAssignedClassB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortInvalidSignatureCounterPairA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortInvalidSignatureCounterPairB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerDeniedCounterPairA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortPowerDeniedCounterPairB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortOverLoadCounterPairA'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortOverLoadCounterPairB'} | |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortMPSAbsentCounterPairA'} | |

| | |
|-------------|--|
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPsePortMPSAbsentCounterPairB'} |
| Status | current |
| Description | A collection of objects display four pair paramentets of each pair PD information, status, and counters of PoE PSE |

arubaWiredPoePethMainPseTableGroup

| Name | arubaWiredPoePethMainPseTableGroup |
|-------------|--|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2.2.3 |
| Class | objectgroup |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethMainPseReservedPower'} |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethMainPseFailoverPower'} |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethMainPseRedundantPower'} |
| Status | current |
| Description | A Collection of Object(s) that provide information about each power source equipment instance. |

arubaWiredPoePethPseModuleTableGroup

| Name | arubaWiredPoePethPseModuleTableGroup |
|-------------|---|
| Oid | 1.3.6.1.4.1.47196.4.1.1.3.8.2.2.4 |
| Class | objectgroup |
| Objects | {'module': 'ARUBAWIRED-POE-MIB', 'object': 'arubaWiredPoePethPseModuleAlwaysOnPoe'} |
| Status | current |
| Description | A Collection of Object(s) that provide AlwaysOnPoe information about each module on switch. |