

run show poe interface

The **run show poe interface** command displays the PoE status of all the ports or on a specific ethernet port.

Command Sytax

run show poe interface {<port-id> | all}

Parameter

Parameter	Description
interface {<port-id> all}	Specifies interface ID. The value could be ge-1/1/1 to ge-1/1/48, all indicates to display PoE status of all the ports.

Example

- This example is to show poe interface of ge-1/1/1:

```
admin@XorPlus# run show poe interface ge-1/1/1
Port          Status    Consume   Reserved  Pair  PD_Type  PD-Class  Detection_Type
-----
ge-1/1/1     Searching  2.80W    16.20W    A    IEEE    2         IEEE 802.3af 4-Point
```

- This example is to show poe interface of all the ports:

```

admin@XorPlus# run show poe interface all
Port      Status    Consume  Reserved Pair  PD_Type  PD-Class  Detection_Type
-----
ge-1/1/1  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/2  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/3  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/4  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/5  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/6  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/7  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/8  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/9  Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/10 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/11 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/12 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/13 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/14 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/15 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/16 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/17 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/18 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/19 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/20 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/21 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/22 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/23 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/24 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/25 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/26 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/27 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/28 Delivering 1.10W 16.2W   A   IEEE   2   IEEE 802.3af 4-Point
ge-1/1/29 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/30 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/31 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/32 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/33 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/34 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/35 Delivering 1.30W 16.2W   A   IEEE   2   IEEE 802.3af 4-Point
ge-1/1/36 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/37 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/38 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/39 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/40 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/41 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/42 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/43 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/44 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/45 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/46 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/47 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point
ge-1/1/48 Searching 0.00W 0.00W   A   None   4   IEEE 802.3af 4-Point

```

Table 1 Description of the run show poe interface all command output of AS4610-30P, AS4610-54P

Item	Description
Port	Port ID.
Status	Indicates that PoE function status, the value could be Disabled , Searching , Delivering , Test , Requesting and Fault .
Consume	Indicates the power consumption of port.

Reserved	<p>Indicates the power allocated.</p> <ul style="list-style-type: none"> • When PoE over LLDP power negotiation is enabled, it shows the negotiated power. • When PoE over LLDP power negotiation is disabled, <ul style="list-style-type: none"> • If mangement mode is dynamic, the allocated power is same to the consumption power on AS4610-30P, AS4610-54P, AS4630-54PE and AS4630-54NPE, the allocated power is the configured max-power on N3048EP-ON. • If mangement mode is static, the allocated power is the configured max-power on AS4610-30P, AS4610-54P, AS4630-54PE, AS4630-54NPE and N3048EP-ON.
Pair	<p>Indicates PoE pair mode.</p> <p>A: signal, deliver power with data transmit cable.</p> <p>B: spare, deliver power with spare cable.</p>
PD_Type	<p>Indicates powered device type, the value could be None, IEEE, Pre-Standard and Extended.</p>
PD_Class	<p>Indicates the PD class, the value could be 1, 2, 3, 4.</p>
Detection_Type	<p>Indicates PoE detection type, the value could be:</p> <p>no detection</p> <p>Legacy Capacitive Detection only</p> <p>IEEE 802.3af 4-Point Detection only</p> <p>IEEE 802.3af 4-Point followed by Legacy</p> <p>IEEE 802.3af 2-Point Detection</p> <p>IEEE 802.3af 2-Point followed by Legacy</p>