

# 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
<b>interface</b> {<port-id>   all}	Specifies interface ID. The value could be ge-1/1/1 to ge-1/1/48, <b>all</b> 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 <b>Disabled, Searching, Delivering, Test, Requesting</b> and <b>Fault</b> .
Consume	Indicates the power consumption of port.

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