

set poe interface lldp-negotiation

The **set poe interface lldp-negotiation** command is used to enable or disable PoE over LLDP power negotiation function on all ports or on a specific port.

Command Syntax

```
set poe interface <all | interface-name> lldp-negotiation <true | false>
```

Parameter

Parameter	Description
interface { all <i>interface-name</i> }	Specifies an interface name. The value could be all or a specific interface name, all indicates a global configuration that enables or disables the PoE over LLDP power negotiation function on all ports.
lldp-negotiation { true false }	Enables or disables the PoE over LLDP power negotiation function. The value is true or false . <ul style="list-style-type: none">true: enables the PoE over LLDP power negotiation function.false: disables the PoE over LLDP power negotiation function. The default value is true .

Usage Guidelines

PoE over LLDP power negotiation function allows the switch to assign the power priority and power value provided by the powered device by using Link Layer Discovery Protocol (LLDP) power negotiation rather than the power priority and power value configured on the switch interface.

By default, PoE over LLDP power negotiation function is globally enabled for all the interfaces. It can be configured globally and per-interface, and the per-interface configuration takes a precedence over the global configuration.

When an expansion module is connected to the IP phone, in order to provide the required power to the expansion module, user should perform the following two operations to re-negotiate the PoE power supply.

- 1). Enable the PoE over LLDP power negotiation function on the interface by using **set poe interface <all | *interface-name*> lldp-negotiation <true | false >** command.
- 2). Disable and re-enable PoE function of the interface by using **set poe interface {<port-id> | all} enable <true | false>** command.

NOTE:

- Enable LLDP function and PoE function before using PoE over LLDP power negotiation.
- Enable PoE over LLDP power negotiation function when there is an expansion module connected to the IP phone.

Example

- Disable the PoE over LLDP power negotiation function on interface Ge-1/1/1.

```
admin@Xorplus# set poe interface ge-1/1/1 lldp-negotiation false
admin@Xorplus# commit
```

- Enable the PoE over LLDP power negotiation function on interface Ge-1/1/1.

```
admin@Xorplus# set poe interface ge-1/1/1 lldp-negotiation true
admin@Xorplus# commit
```