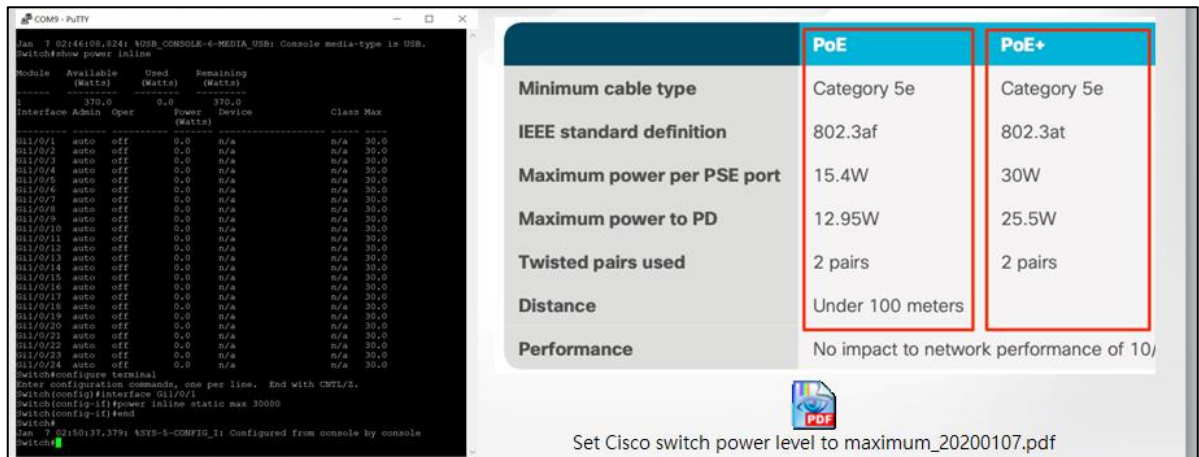


[Issue Descriptions]: Unable to access OS using CISCO POE Switch

CISCO POE Switch setting the power wattage to 30W can solve this problem.



The image shows a Cisco switch terminal window on the left and a PoE configuration table on the right. The terminal window displays the output of the 'show power inline' command, showing power settings for various interfaces. The configuration table on the right compares PoE and PoE+ settings.

```
Jan 7 02:44:08.824: NDB_CONSOLE-6-MEDIA_USB: Console media-type is USB.
Switch#show power inline
-----
Module Available Used Remaining
(Watts) (Watts) (Watts)
-----
1 370.0 0.0 370.0
-----
Interface Admin Oper Power Device Class Max
(Watts)
-----
G11/0/1 auto off 0.0 n/a n/a 30.0
G11/0/2 auto off 0.0 n/a n/a 30.0
G11/0/3 auto off 0.0 n/a n/a 30.0
G11/0/4 auto off 0.0 n/a n/a 30.0
G11/0/5 auto off 0.0 n/a n/a 30.0
G11/0/6 auto off 0.0 n/a n/a 30.0
G11/0/7 auto off 0.0 n/a n/a 30.0
G11/0/8 auto off 0.0 n/a n/a 30.0
G11/0/9 auto off 0.0 n/a n/a 30.0
G11/0/10 auto off 0.0 n/a n/a 30.0
G11/0/11 auto off 0.0 n/a n/a 30.0
G11/0/12 auto off 0.0 n/a n/a 30.0
G11/0/13 auto off 0.0 n/a n/a 30.0
G11/0/14 auto off 0.0 n/a n/a 30.0
G11/0/15 auto off 0.0 n/a n/a 30.0
G11/0/16 auto off 0.0 n/a n/a 30.0
G11/0/17 auto off 0.0 n/a n/a 30.0
G11/0/18 auto off 0.0 n/a n/a 30.0
G11/0/19 auto off 0.0 n/a n/a 30.0
G11/0/20 auto off 0.0 n/a n/a 30.0
G11/0/21 auto off 0.0 n/a n/a 30.0
G11/0/22 auto off 0.0 n/a n/a 30.0
G11/0/23 auto off 0.0 n/a n/a 30.0
G11/0/24 auto off 0.0 n/a n/a 30.0
Switch#configure terminal
Enter configuration commands, one per line. End with CTRL/Z.
Switch(config)#interface G11/0/1
Switch(config-if)#power inline static max 30000
Switch(config-if)#end
Switch#
Jan 7 02:50:37.379: SYS-5-CONFIG_I: Configured from console by console
Switch#
```

| | PoE | PoE+ |
|----------------------------|---|-------------|
| Minimum cable type | Category 5e | Category 5e |
| IEEE standard definition | 802.3af | 802.3at |
| Maximum power per PSE port | 15.4W | 30W |
| Maximum power to PD | 12.95W | 25.5W |
| Twisted pairs used | 2 pairs | 2 pairs |
| Distance | Under 100 meters | |
| Performance | No impact to network performance of 10/ | |

Set Cisco switch power level to maximum_20200107.pdf