

Why is the switch port light off, but the display in the switch is normal?

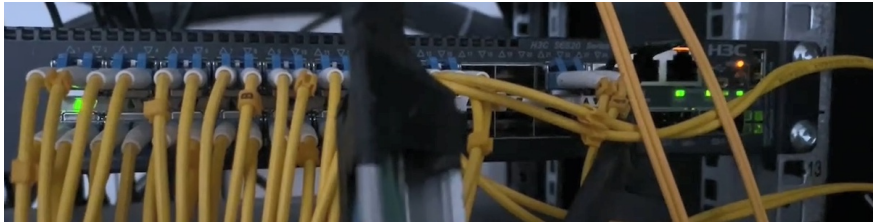
Other hardware related **Zhoutian** 2021-12-27 15:42:42 Published

Network Topology

Not involved

Problem Description

The switch port light is off, and the display in the switch is normal.



Brief information on interfaces in bridge mode:

Link: ADM - administratively down; Stby - standby

Speed: (a) - auto

Duplex: (a)/A - auto; H - half; F - full

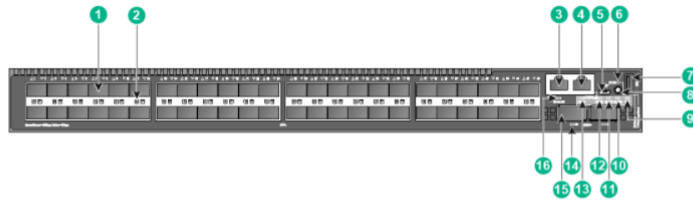
Type: A - access; T - trunk; H - hybrid

Interface	Link	Speed	Duplex	Type	PVID	Description
BAGG1	UP	2G(a)	F(a)	T	1400	to_Rubber-1F-POE-SW1
BAGG2	UP	2G(a)	F(a)	T	1400	to_Rubber-2F-POE-SW1
BAGG3	UP	2G(a)	F(a)	T	1400	to_Rubber-1F+-POE-SW1
BAGG4	UP	2G(a)	F(a)	T	1400	to_Rubber-1F+-POE-SW2
BAGG5	UP	2G(a)	F(a)	T	1050	to_ROT-Clender-POE-SW-1
BAGG6	UP	2G(a)	F(a)	T	1050	to_ROT-Clender-POE-SW-2
BAGG7	UP	2G(a)	F(a)	T	1050	to_ROT-Clender-POE-SW-3
BAGG8	UP	2G(a)	F(a)	T	1400	to_Rubber-1F-POE-SW2
BAGG9	UP	2G(a)	F(a)	T	1400	to_Rubber-3F-POE-SW1
BAGG10	UP	2G(a)	F(a)	T	1400	to_Rubber-4F-POE-SW1
BAGG11	UP	2G(a)	F(a)	T	1050	to_ROT-Cutting-POE-SW-1
BAGG12	UP	2G(a)	F(a)	T	1400	to_Rubber-1F-POE-SW3
BAGG13	UP	2G(a)	F(a)	T	1050	to_ROT-Cutting-POE-SW-2
BAGG14	UP	2G(a)	F(a)	T	1400	to_Rubber-2F-POE-SW2
FGE1/0/25	DOWN	auto	A	A	1	
FGE1/0/26	DOWN	auto	A	A	1	
FGE2/0/25	DOWN	auto	A	A	1	
FGE2/0/26	DOWN	auto	A	A	1	
XGE1/0/1	UP	1G(a)	F(a)	T	1400	
XGE1/0/2	UP	1G(a)	F(a)	T	1400	
XGE1/0/3	UP	1G(a)	F(a)	T	1400	
XGE1/0/4	UP	1G(a)	F(a)	T	1400	
XGE1/0/5	UP	1G(a)	F(a)	T	1050	
XGE1/0/6	UP	1G(a)	F(a)	T	1050	
XGE1/0/7	UP	1G(a)	F(a)	T	1050	
XGE1/0/8	UP	1G(a)	F(a)	T	1400	
XGE1/0/9	UP	1G(a)	F(a)	T	1400	
XGE1/0/10	UP	1G(a)	F(a)	T	1400	
XGE1/0/11	UP	1G(a)	F(a)	T	1050	
XGE1/0/12	UP	1G(a)	F(a)	T	1400	
XGE1/0/13	UP	1G(a)	F(a)	T	1050	
XGE1/0/14	UP	1G(a)	F(a)	T	1400	

From the front panel of the device, you can see the (6) **Mode LED** showing a yellow blinking status.

S6520X-54QC-EI & S6520X-54QC-HI

Figure2-3 Front panel



(1) SFP+ port	(2) SFP+ port LED
(3) Management Ethernet port	(4) Console port (CONSOLE)
(5) Micro USB console port	(6) Mode LED (MODE)
(7) USB port	(8) Mode button
(9) System status LED (SYS)	(10) Expansion card 2 status LED (SLOT2)
(11) Expansion card 1 status LED (SLOT1)	(12) Power supply 2 status LED (PWR2)
(13) Power supply 1 status LED (PWR1)	(14) QSFP+ port LED
(15) QSFP+ port	(16) Management Ethernet port LED (ACT/LINK)

The description of this MODE LED in the installation manual is as follows.

MODE LED

To show more information about the switch through the port LEDs, the switch provides a MODE LED (MODE) to indicate the type of information that the port status LEDs are showing.

You can use the mode button to change the indication of the MODE LED.

Table4-20 Description for the mode LED

LED mark	Status	Description
MODE	Steady green	The port status LEDs indicate port rates.
	Flashing yellow	The port status LEDs indicates the IRF member ID of the switch. For example, if the LEDs for ports 1 to 5 are steady green and the other LEDs are off, the IRF member ID of the switch is 5.

IMPORTANT:

- In versions earlier than Release 6326 (not inclusive) or Release 65xx versions earlier than Release 6525 (not inclusive), the MODE LED changes in color and indication after you press the mode button and keeps that state until you press the mode button again.
- In other versions, after you press the mode button, the MODE LED changes in color and indication and keeps that state for only 60 seconds and then turns steady green automatically.

The port status LEDs flashing yellow indicates the IRF member ID of the switch. For example, if the LEDs for ports 1 to 5 are steady green and the other LEDs are off, the IRF member ID of the switch is 5.

Solution

You can press the **(8) mode button** to change the indication of the MODE LED.

