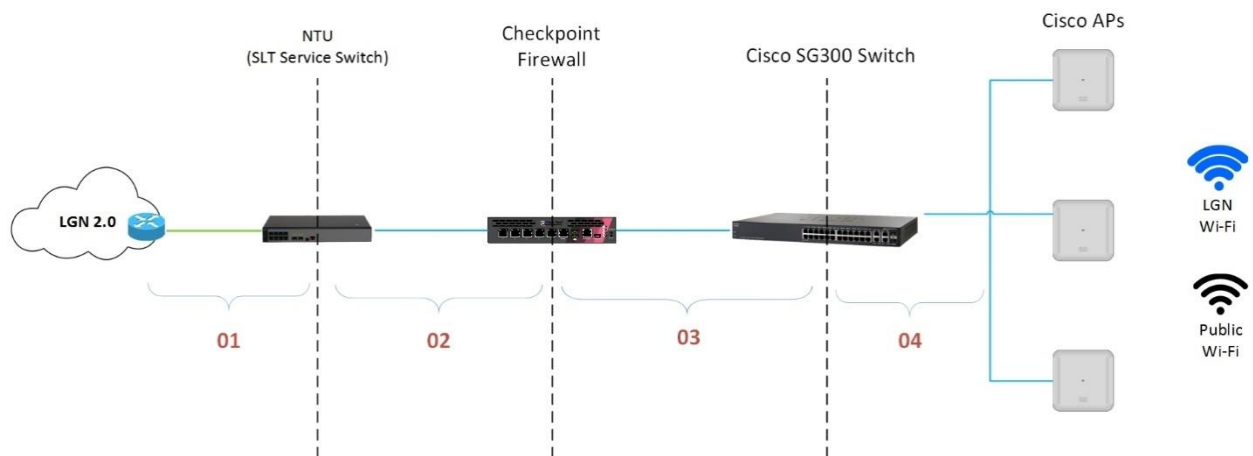


EQUIPMENT TROUBLESHOOTING GUIDE - LGN 2.0

LGN 2.0

Version 2.4

1. Checking Basic Connectivity



1.1. Connection 01 – Between SLT network and SLT Service Switch

Check the Fiber port status of SLT Switch.

To verify service switch is working as expected, check the system LED indicators of each device according to the legend provided below.

1.2. Connection 02 – Between SLT Service Switch and Checkpoint Firewall

SLT Service Switch Ethernet port 01 should be connected to Checkpoint Firewall Ethernet port 01.

Check the status of each Ethernet port.

To verify devices are working as expected, check the system LED indicators of each device according to the legend provided below.

1.3. Connection 03 – Between Checkpoint Firewall and Cisco Switch

Checkpoint Firewall Ethernet port 02 should be connected to Cisco Switch Ethernet port 24.

Check the status of each Ethernet port.

To verify devices are working as expected, check the system LED indicators of each device according to the legend provided below.

1.4. Connection 04 – Between Cisco Switch and Access Points

Access points are connected to Cisco Switch Ethernet port 1 and above.

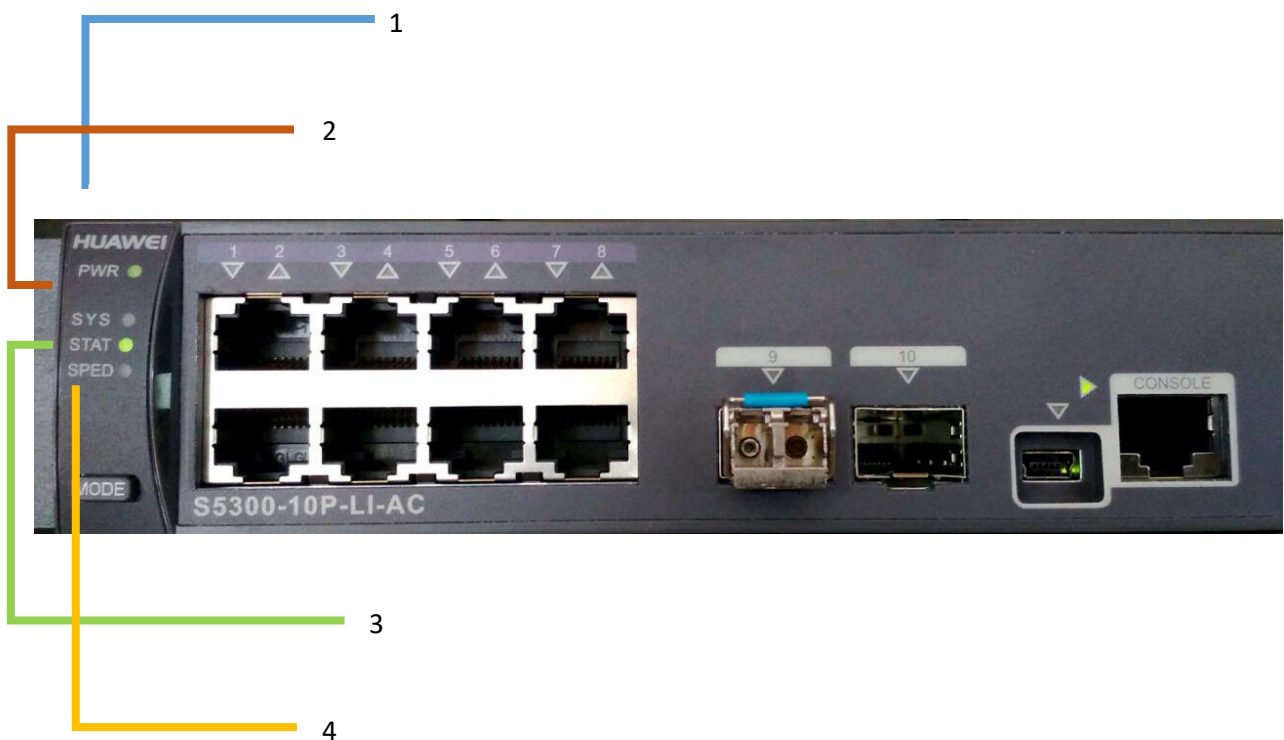
Check the port status of each. (LED indicators for LINK and PoE as mentioned in the legend below)

To verify access points are working as expected, check the LED indicators of each Access point according to the legend provided below.

2. Active equipment and indicators

2.1. Huawei S5700-10P-LI-AC switch

Front Panel



No	Identifier	Status	Description
1	PWR	Off	The switch is powered off
		Green	The switch is powered on
		Orange	The power supply unit is faulty, and the external RPS system is started
2	SYS	Off	The system is not operating
		Green	The system is not operating properly or is starting
		Orange	The system is performing self-check during startup
3	STAT	Off	The interface is not connected or has been shut down
		Green	The interface is connected
4	SPEED	Off	The interface is not connected or has been shut down
		Green	The interface speed is 10/100 Mbit/s
		Blinking Green	The interface speed is 1000 Mbit/s

Switch Ports

Off – when there is no connectivity with an active device

Green – when there is only connectivity with an active device

Blinking Green – When there is a data transfer

2.2 Cisco SG-300 Managed Switch

Front Panel Ports

The ports and LEDs are located on the front panel of the switch.



RJ-45 Ethernet Ports—Use these ports to connect network devices, such as computers, printers, and access points, to the switch.

Front Panel LEDs

System LED—(Green)

Lights steady when the switch is powered on, and flashes when booting, performing self-tests, and acquiring an IP address. If the LED flashes Amber, the switch has detected a hardware failure.

LINK/ACT LED—(Green)

Located on the left of the port. Lights steady when a link between the corresponding port and another device is detected. Flashes when the port is passing traffic.

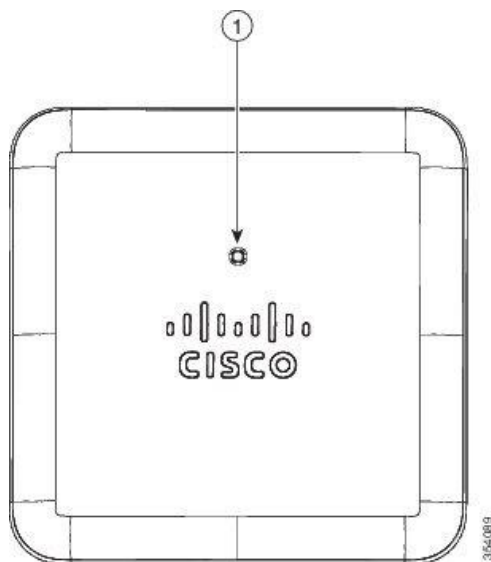
PoE—(Amber)

Located on the right of the port. Lights steady to indicate that power is being supplied to a device attached to the corresponding port.

2.3 Cisco Access Point

Access Point Status LEDs

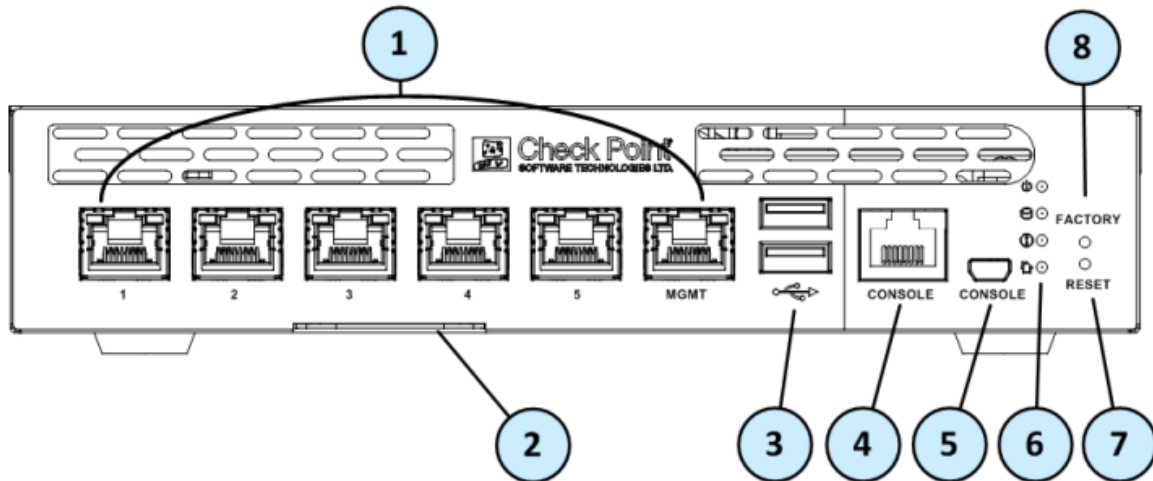
Access Point LED Indicator Position



Message Type	LED State		Message Meaning
	1800	2800	
Association status	Chirping Green	Green	Normal operating condition, but no wireless client associated
	Green	Blue	Normal operating condition, at least one wireless client association
Boot loader error	Red	Blinking Green	Boot loader signing verification failure
Operating status	Blinking amber	Blinking Blue	Software upgrade in progress
	Cycling through green, red, and amber	Alternating between Green and Red	Discovery/join process in progress
	Rapidly cycling through red, green, amber, and off.	Cycling through Red-Off-Green-Off-Blue-Off	Access point location command invoked from controller web interface.
Access point operating system errors	Cycling through red, green, amber, and off	Cycling through Blue-Red-Green-Off	General warning; insufficient inline power

2.4 CP3200 Firewall

Front Panel



1	On board Ethernet ports	Six 10/100/1000Base-T RJ-45 ports.	
2	Identification servicetag	A slide out card that identifies the appliance and shows its serialnumber and MAC address.	
3	USB ports	Two USB ports.	
4	RJ45 console port	For a serial connection to the appliance. See Connecting to the3000 Appliances CLI	
5	MiniUSB console port	For a serial connection to the appliance. See Connecting to the3000 Appliances CLI	
6	System LEDs	System power ①	<ul style="list-style-type: none"> • Off - System power off • On (Green) - System power on
		Storage device activity ②	<ul style="list-style-type: none"> • Off - No storage device activity • On (Amber) - Read/write activity
		Alert ③	<ul style="list-style-type: none"> • Off - No faults detected • Blinking red - System faultdetected