Front and Rear Panel Components

This article describes the front and rear panel components of a CSG300 series appliance. For the exact location of these components on the appliance, see At a Glance.

Front Panel

The front panel of a CSG300 series appliance has two status LEDs.

LEDs

Table 1 lists the LEDs, their colors and states, and the status they indicate.

Table 1: Front Panel LEDs in a CSG300 Series Appliance

LED	Color	Status
Power	Green	• Off—Appliance is not powered on. • Green—Appliance is powered on.
Status	Green, Red	• Off—Appliance hardware is up, but there is a problem with the configuration or software. • Solid green—Controller connection is up and running, and probes and control plane packets are being transmitted. • Blinking green—Controller connection is in the process of being established. • Solid red—Controller or CA has rejected this appliance, there is a certificate mismatch, or the appliance is unreachable.

LED	Color	Status
		• Blinking red—Controller is unreachable or unresponsive.

Rear Panel

The rear panel of a CSG300 series appliance has six status LEDs, SIM card slots, and power and reset buttons.

LEDs

The rear panel of a CSG300 series appliance has six LEDs, located in two rows.

Table 2 lists the LEDs, their color and states, and the status they indicate.

Table 2: Rear Panel LEDs in a CSG300 Series Appliance

LED	Color	Status
Power	Green	• Off—Appliance is not powered on. • Green—Appliance is powered on.
Status	Green, Red	• Off—Appliance hardware is up, but there is a problem with the configuration or software. • Solid green—Controller connection is up and running, and probes and control plane packets are being transmitted. • Blinking green—A Controller connection is in the process of being established. • Solid red—Controller or CA has rejected this appliance, there is a certificate mismatch, or the appliance is unreachable. • Blinking red—Controller is unreachable or unresponsive.
Cloud	Green, Red	Currently not supported.
Wireless	White	• Off—Wireless module is not installed. • Solid white—Wireless module is up and running. • Blinking white—Wireless module is booting.
LTE	White	• Off—LTE module not installed or not connected. • Solid white—LTE module is up and running. • Blinking white—LTE module is connecting.

Bluetooth	Blue	• Off—Bluetooth module is not installed or services are not running. • Solid blue—Bluetooth service is started and advertised.

SIM Card Slots

The rear panel of a CSG300 series appliance has two nano-SIM card slots. If you subscribe to a single wireless service, use the SIM 1 slot to install the LTE device. If you subscribe to dual wireless service, use both the SIM 1 and SIM 2 slots to activate the LTE devices.

Note: It is strongly recommended that you use only preactivated SIMs in the SIM card slots.

Power Button

The Power button on the rear panel of a CSG300 series appliance turns the power on and off.

To turn the power on, press and immediately release the Power button when the appliance is off.

To turn the power off, press the Power button when the appliance is on, as follows:

- If you press and immediately release the button, the appliance does a graceful software shutdown that is equivalent to issuing the **shutdown now** command from the operating system shell.
- If you press and hold the button for 10 seconds or more, the power for the appliance turns off and the appliance shuts down.

Reset Button

The Reset button on the rear panel of a CSG300 series appliance resets the appliance. The reset functionality depends on the number of times you press the button within a span of 30 seconds, as described in Table 3. In between each press on the reset button, you must pause for a second to register the key presses.

The Reset button is recessed so that it is not accidentally pressed while the appliance is operational.

To press the Reset button, use a sharp, narrow tool.

Table 3: Reset Button Press Behavior

Number of Presses	Behavior
2	Reset the appliance to the factory-default snapshot.

Number of Presses	Behavior
4	Reset the appliance to the branch prestaging configuration.
6	Reset the appliance to the branch staging configuration.
8	Reset the appliance to branch post-staging configuration.

You can reset the appliance to the factory-default configuration by issuing the **request system reset** CLI command.

Reset the Appliance to the Factory-Default Configuration from the CLI

You can reset the appliance to the factory-default configuration from the CLI. You can connect to the appliance through the serial console port or by using SSH.

The factory default reset procedure may take up to 20 minutes to complete. Do not power off the appliance during this time.

To reset an appliance to the factory default configuration:

1. To connect to the appliance through the serial console port, see Configure a Management Console to Connect to a CSG300 Series Appliance.
2. Log in to the appliance CLI using the username "admin" and the password "versa123".

   Note: To connect to the appliance using SSH, connect your PC to the management port of the appliance. For the port mapping on the CSG700 series appliance, see Interface Numbering. The management port has the default static IP address 10.10.10.10/24. Configure the PC IP address to any IP from this segment, for example, 10.10.10.1/24. Open an SSH session to the appliance using its IP address, 10.10.10.10.

3. Issue the following commands to reset the configuration to factory default. If the current software version on the appliance is the same as that of the factory reset snapshot, the procedure takes about 10 minutes to complete. If the software versions are different, the procedure takes about 20 minutes to complete. Do not power off the appliance during the process.

   ```
   $ cli
   > request system reset
   ```

4. Verify that all Versa services are running by issuing the **vsh status** command from the Linux shell The following is a sample output of this command. If all the services are shown as stopped, issue the **vsh start** command from the Linux shell to start them manually.

   ```
   $ vsh status
   versa-service    is Running, [*] process 6784
   versa-infmgr     is Running, [-] process 5623
   versa-rfd        is Running, [-] process 5838
   versa-vmod       is Running, [-] process 5839
   versa-ip2user    is Running, [-] process 5844
   ```

```
versa-imgr       is Running, [-] process 5848
versa-acctmgrd   is Running, [-] process 5845
versa-fltrmgr    is Running, [-] process 5648
versa-vstated    is Running, [-] process 5625
versa-addrmgrd   is Running, [-] process 5857
versa-rt-cli-xfm is Running, [-] process 5798
versa-rtd        is Running, [-] process 5827
versa-dhcpd      is Running, [-] process 5620
versa-eventd     is Running, [-] process 5843
versa-vrrpd      is Running, [-] process 5643
versa-dnsd       is Running, [-] process 5646
versa-ppmd       is Running, [-] process 5793
versa-snmp-xform is Running, [-] process 5800
versa-certd      is Running, [-] process 5849
versa-ntpd       is Running, [*] process 5612
versa-dhclient6  is Running, [-] process 5807
versa-redis      is Running,[-] process 6927
versa-av-redis   is Running, [-] process 5003
versa-spackmgr   is Running, [-] process 5832
versa-monit      is Running, [*] process 6078
versa-confd      is Running, [*] process 4798
versa-fail2ban   is Running, [*] process 6093
versa-auditd     is Running, [*] process 6116
versa-nodejs     is Running, [-] process 5775
```

5. Power off the appliance.

Additional Information

Factory Default Settings for Branch Devices