

FSC Logging

<https://campus.barracuda.com/doc/48203186/>

The FSC creates logs for all system processes. By default, all log files on the FSC are written to a temporary partition in volatile memory that is reset every time the device is rebooted. You can also configure the FSC to stream the logs to the Control Center syslog server. For troubleshooting purposes, you can enable persistent logging directly to the SD card of the FSC. Enabling persistent logging is not recommended because it decreases the lifetime of the SD card.

- **/var/phion/logs/c3c.log** – Log file for the communication between FSCs and the Control Center.
- **/var/phion/logs/cudavpn.log** – FSC VPN service log file.
- **/var/phion/logs/scactl.log** – Web UI log file
- **/var/phion/logs/shorewall/shorewall.log** – Logs connections denied by the FSC Firewall service.
- **/var/phion/logs/shorewall/shorewall-init.log** – Log file containing firewall activation logs.

Syslog Streaming

Syslog streaming to the Control Center allows you to process the log files using the Control Center syslog service. The FSC streams over UDP port 5140.

For more information, see [FSC Syslog Streaming](#).

Web Interface Log File Viewer

Use the web interface to view the log files on the FSC:

1. Log into the web interface.
2. Go to **CONFIGURATION > Logs**.
3. From the **Log file** drop-down list, select the log file.

LOGS





Log file

```
Nov 30 12:25:58 localhost dhclient: bound to 192.168.1.30 -- renewal in 20521 seconds.
Nov 30 12:25:58 localhost dhclient: DHCPACK from 192.168.1.1
Nov 30 12:25:58 localhost dhclient: DHCPREQUEST on wlan0 to 192.168.1.1 port 67
Nov 30 12:24:47 localhost wpa_supplicant[25834]: wlan0: WPA: Group rekeying completed with 68:1c:a2:01:47:4f [GTK=CCMP]
Nov 30 12:24:47 localhost wpa_supplicant[25834]: wlan0: WPA: Group rekeying completed with 68:1c:a2:01:47:4f [GTK=CCMP]
Nov 30 12:18:47 localhost wpa_supplicant[25834]: wlan0: WPA: Group rekeying completed with 68:1c:a2:01:47:4f [GTK=CCMP]
Nov 30 12:18:47 localhost wpa_supplicant[25834]: wlan0: WPA: Group rekeying completed with 68:1c:a2:01:47:4f [GTK=CCMP]
Nov 30 12:16:51 localhost dhclient: bound to 192.168.1.19 -- renewal in 21498 seconds.
Nov 30 12:16:51 localhost dhclient: DHCPACK from 192.168.1.1
Nov 30 12:16:51 localhost dhclient: DHCPREQUEST on wlan0 to 192.168.1.1 port 67
Nov 30 12:12:47 localhost wpa_supplicant[25834]: wlan0: WPA: Group rekeying completed with 68:1c:a2:01:47:4f [GTK=CCMP]
```

Enable Persistent Logging

1. Go to **your cluster** > **Cluster Settings** > **Secure Connector Editor**.
2. Click **Lock**.
3. Double-click to edit the device or FSC template.
4. In the left menu, click **Advanced Settings**.
5. (Template only) Enable **Advanced Settings**.
6. Select **Enable Persistent Logging**.

Advanced System Settings

Enable Persistent Logging	<input checked="" type="checkbox"/>	
USB Mass Storage support	<input checked="" type="checkbox"/>	
Enable Syslog Streaming	<input type="checkbox"/>	
Syslog Target	<input type="text"/>	

7. Click **OK** and **Activate**.

Figures

1. sca_Logging_web_01.png
2. sca_Logging_01.png

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