Barracuda CloudGen Firewall

FSC 1.x Release Notes

https://campus.barracuda.com/doc/99620320/

FSC 1.x firmware supports Firewall Secure Connectors SC 1.x. (legacy) For more information, see SC1 Revision A.

The Secure Connector deployment needs a Secure Access Controller and a Control Center. See the CloudGen Firewall Release and Migration Notes for additional information.

What´s New in 1.1.0

FSC Containers

The Secure Connector running firmware 1.1.0 or higher can now run a single LXC container. The container is distributed and installed via the firmware update page on the Control Center.

For more information, see FSC Container.

Network Mapping Support

It is now possible separate data and management networks for the FSC. It is also possible to map the network behind the FSC to an automatically or manually mapped FSC data network. This allows you to use identical network configurations for each FSC, while still retaining a unique subnet for each location.

For more information, see How to Add a Secure Connector Configuration.

Improvements Included in FSC Version 1.1.0

- Updated **hostapd** to resolve WAP2 security issue, aka KRACK. [BNNGF-49852
- Updated PHP to fix several security vulnerabilities. [BNNGF-45093

Improvements included in Secure Connector Firmware 1.0.5

- Entering PIN codes for the UMTS modem now works as expected. [BNNGF-43118]

Known Issues

- After switching from syslog streaming to logging to the file system, the syslog service must be restarted manually or the FSC rebooted.

Improvements included in Secure Connector 1 Firmware 1.0.3

- Log rotation now works as expected. [BNNGF-39656]
- SC system level services, such as syslogd, can now access the Control Center via the VPN tunnel. [BNNGF-37734]
- It is now possible to view kernel log messages via the serial console. [BNNGF-39664]
- Default route metrics for link selection are now set correctly. [BNNGF-40504]
- Link selection using the Wi-Fi interface as a WAN device now works as expected. [BNNGF-40562]
- You are now automatically logged out of the serial console after the idle timeout. [BNNGF-40624]
- Multiple stability improvements for the FSC operating system. [BNNGF-40559]

Improvements included in Secure Connector 1 Firmware 1.0.2

- Changes to SSH key management. New SSH keys are generated during the update.
- Stability and memory management improvements.
- The hardware reset button now works as expected.
- It is no longer required to reboot the SC to activate the UMTS modem configuration.
- Updated OpenSSL to fix several security vulnerabilities.
- Establishing a VPN connection no longer causes the WAN LED to be temporarily turned off.

Known issues

- After resetting the SC with the hardware reset button, a dummy change and new export of the sca.conf from the Control Center is required for the SC to apply the sca.conf.

Improvements included in Secure Connector 1 Firmware 1.0.1

Firmware version 1.0.1 is a maintenance release and includes the following improvements:

- Added support for 3G/UMTS modem (M11).
- Added support for automatic uplink failover.