

10.6.2 Firmware Release Notes

Released: 2015-06-26

New Features

Support for the 10G and 20G appliances

- Dual Power Supplies
- Fail To Wire / Generation 3 Bypass (4 pairs)
- 10 Gbps drivers and modules

Fixes

System

- **Watchdog support added for hardware to automatically reboot if the system enters an unrecoverable state**

Summary

If a device enters an unrecoverable state and requires a manual reboot, the watchdog will reboot the device after 1 minute.

- **Fix performance issue when there are many static routes with frequent status changes**

Summary

With WAN Virtualization where there are many status changes and a lot of static route entries there could be performance issues that have been addressed with this release

WAN

- **Fix validation issue with editing WANs**

Summary

When editing a WAN on a device that has the max number of WANs the validation would fail saying that a WAN cannot be added due to the max.

WAN Virtualization

- **WAN Virtualization peer testing is now enabled by default.**

Summary

When a WAN Virtualization site is added the peer testing is now enabled by default.

- **Fixed WAN Virtualization tunnel auto-testing to work properly when configured with default testing parameters.**

Summary

WAN Virtualization tunnel auto-testing did not work properly when configured with no auto-bounces and auto-time parameters. Fixed to work with default parameters.

- **Fixed WAN Virtualization packet duplication packet loss caused by reordering.**

Summary

WAN Virtualization with packet duplication static routes and reordering on the WAN lines could cause packet loss.

- **Turn off Generic Receive Offload networking feature on WAN Virtualization to prevent potential device lock up.**

Summary

With the WAN Virtualization feature there was a possibility of the system encountering a device lock up which required a manual reboot.

QoS

- **Fix QoS configuration when link rates were greater than 2 Gbps**

Summary

When QoS was set up for a device where the upload/download speed was faster than 2 Gbps the configuration would display correctly but the actual limitation that was placed was around 1.4 Gbps.

Bridges

- **Bridges potentially would not respond to ARP**

Summary

When an arp request came into the bridge, the rule for matching it, in the case where there's a wan peer for it with arpreply enabled, was not precise enough and would miss some arp requests. This change fixes that.

LCD

- **Fixed LCD uptime screen displaying 0.00 after being up for 15 days**

Summary

When the system would be up for at least 15 days the uptime screen on the LCD would display 0.00.

SSL VPN

- **Fix the VPN SSL user page. The user would not be able to activate the page.**

Summary

On the VPN SSL user page the activate button would not apply any changes.

Known Issues

System

- **Port becomes disabled on 7568C when pulling a cable during traffic flow.**

Summary

Ports can become disabled on 7568C when pulling cables during traffic flow. The device will have to be manually rebooted in order to get the port into a working state.

Workaround

Reboot the device

WAN Virtualization

- **Device can restart after a period of time when the sites tunnel configurations do not match.**

Summary

The device can run out of memory when 2 or more wan virtualization sites do not have matching tunnels

Workaround

Make sure that WAN Virtualization sites are correctly configured and have corresponding tunnels setup.

VPN

- **L2TP VPN connections will fail to establish after a period of time.**

Summary

L2TP VPN connections will work initially after a period of time new connections will fail to connect. In order for the connections to re-establish the security association must be disabled and re-enabled on the Ecessa.

- **Making an IPSec VPN change while an SNMP request is received can cause the system to reinitialize.**

Summary

When making a configuration change to an IPSec VPN security association while there is an SNMP request made to the device can cause the system to reinitialize.

Workaround

1. Disable SNMP
2. Make the VPN changes
3. Re-enable SNMP

- **The device can become unresponsive when using a PPPoE WAN with VPN.**

Summary

The device can become unresponsive when using a PPPoE WAN with an IPSec VPN Security Association.

Static Routes

- **Static Route comments with newline characters will cause static routes to not be applied**

Summary

When a static route comment contains a newline character, the static routes will not get applied

Workaround

Change the static route comments to not have a newline character.

QoS

- **Rapid QoS changes can cause the system to reinitialize.**

Summary

When scripting QoS changes via the CLI, where each QoS change has an associate commit command can cause the system to reinitialize. For scripting purposes it is recommended to make all the changes then do a commit at the end.

Workaround

Change the scripts so that a commit is done after all the changes have been done.