

Ecessa Firmware Release Notes

Version: 11.0.1

Release: 2019.06.28

Revision 1.0: 2019.06.28

New Features

Hardware

- Support for new hardware L4210A

Fixes

System

- Monthly email report script is failing when the last day of the month is selected

WAN

- There is no ability to set the MTU via the CLI for WANs
[Workaround](#)
Use the GUI to set WAN MTUs.
- After making a WAN change in the GUI, the port receive buffer options and interrupt throttle options are reset to the defaults

WAN Virtualization

- A WAN Virtualization site can become unable to connect after disabling and re-enabling WAN Virtualization globally
[Workaround](#)
If WAN Virtualization was disabled and re-enabled, and one or more sites are unable to connect, perform a reboot of the device
- Configuring a WAN Virtualization site using a dynamic WAN endpoint, when another site not using dynamic endpoints is already configured, results in the dynamic site not fully connecting
[Workaround](#)
Available workarounds:
 - * Disable WV and re-enable it
 - * Reboot device

Once the workaround is followed no further action is necessary and further modifications should not cause issues. Care should be taken if you change a dynamic site to be static and then dynamic again, in which case you will need to follow the workaround again.

Hardware Failover

- Cloud view of Hardware Failover web page shows only N/A status

Virtual Product

- VM CPU temperature is not always displayed as N/A in interfaces

Update

- SLA expiration not displayed on System Update page

Static Routes

- When a spare DHCP WAN becomes active the first static route will drop traffic

Logging

- **Main log does not display expected messages in 11.0.0**

Statistics

- **Available memory does not display correctly**

DNS

- **Authoritative DNS DNSSEC Keys do not replicate to the Idle device**

Snapshots

- **Taking a snapshot can take longer than expected when the resolver is failing to resolve**

Known Issues

System

- **Ports can become disabled on legacy 600 product (7568c) when pulling a cable during traffic flow**
[Additional Information](#)
Ports can become disabled on legacy 600 family of products (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

- **Creating a WAN using the CLI, with an alias of 24 characters, causes a software restart**
- **The DHCP service can stop unexpectedly**
[Additional Information](#)
The DHCP service stopping will cause DHCP WAN lines to miss IP Address updates.
[Workaround](#)
If a DHCP WAN does not properly update its IP Address then reboot the device.
- **When a DHCP WAN is given a very short lease time by the modem the Ecessa device can become unresponsive**
[Additional Information](#)
The duration of a lease is typically at least several hours. When the duration of the lease is less than a minute this problem can occur.
[Workaround](#)
Verify that the ISP modem is providing the DHCP WAN with a proper lease time.

WAN Virtualization

- **Creating a WAN Virtualization site with a name longer than 22 characters causes a software restart**
- **When a device is running a configuration which has WAN Virtualization sites and loads a configuration which does not have WAN Virtualization sites configured the device software may restart**
[Additional Information](#)
This is only a factor if the device has a product key which supports less WAN Virtualization sites then the configuration that is currently running
- **Adding an encrypted WAN Virtualization site using the CLI may not work as expected**
[Additional Information](#)
Using the CLI to add an encrypted WAN Virtualization site, and setting global WAN Virtualization options at the same time, will result in no VPN entry being created for the site.
[Workaround](#)

Using the CLI, commit global WAN Virtualization changes separately from committing the added site. Alternatively, add the site using the web interface.

- **Enabling WAN Virtualization encryption using the CLI without specifying a VPN name will create an IPsec VPN entry with no name**

[Additional Information](#)

Once an entry with no name is created, the user will then have no way to delete the entry.

[Workaround](#)

Make sure to specify the 'vpn-name' in the CLI command, or use the web interface to enable encryption for WAN Virtualization sites.

- **WAN Virtualization which is using non base IP addresses can not route as expected when a static route is in place which applies to all traffic**

[Additional Information](#)

WAN Virtualization feature which is setup to use non base IP addresses can have issues when there is a static route that is in place which is setup to apply to all traffic.

[Workaround](#)

There are several ways to address this issue:

1. If possible use the base IP addresses for WAN Virtualization.
2. Change the static route so that it only applies to the traffic that is necessary.

- **WAN Virtualization hub location cannot have a site number that is greater than 127**

[Additional Information](#)

When a WAN Virtualization site is created, the hub site (which is defined as the site with the lower site ID number) must be 127 or lower. If the value is greater than 127 then the associated site will be unable to connect. This does not affect the remote site IDs, which can be greater than 127. This does not affect the total number of sites allowed.

[Workaround](#)

Set the associated hub site to have a lower site number.

Hardware Failover

- **Using Hardware Failover with high traffic throughput can cause excessive loading of the device**

[Additional Information](#)

Hardware Failover is by default stateful, and a very high number of TCP sessions can cause excessive loading of the device.

[Workaround](#)

If a Hardware Failover device becomes slow to respond, turn off the stateful option in Hardware Failover using the following CLI command: 'hwfo set stateful disable; commit save'

Virtual Product

- **Virtual Product may boot slowly**

[Additional Information](#)

Slow boot sequence has been observed. Infrequently the Virtual Product will take around four minutes to boot. Upon boot everything functions normally.

[Workaround](#)

Force reset the device.

SIP Proxy

- **Phone calls made within a short time after enabling the VoIP feature may not choose the Primary WAN**

[Workaround](#)

Wait at least 10 seconds after initially enabling the VoIP feature before making phone calls.

Static Routes

- **Failback static route over WAN Virtualization doesn't fail back after failing over to a WAN**

DNS

- **DNS Reverse Zone may not work correctly for load-balanced hosts**

Additional Information

DNS Reverse Zone information for load-balanced hosts may be set up incorrectly with PTR option.

Workaround

Remove the load-balanced host, activate changes, then add the load-balanced host again.

LCD

- **The LCD display can become stuck and not display new information when keys are pressed**

Workaround

Reboot the device.

Aliases

- **Using the CLI to create an alias with multiple addresses will reorder the addresses and remove duplicates, making the alias unusable for firewall forwarding rules**

Additional Information

If creating aliases to use for firewall WAN to LAN one-to-one forwarding rules, the CLI will not create them properly.

Workaround

Use the web interface to create aliases where the order of the addresses, and preservation of duplicates is important.