

Ethernet Routing Switch 4000 Series Software Release 5.6.6

1. Release Summary

Release Date: 05-November-2014

Purpose: Software patch release to address customer and internally found software issues.

2. Important Notes Before Upgrading to This Release

None.

3. Platforms Supported

Ethernet Routing Switch 4000 (all models).

4. Notes for Upgrade

Please see “Ethernet Routing Switch 4000 Series, Configuration – System, Software Release 5.6” (available at <http://www.avaya.com/support> . Click Products, select Ethernet Routing Switch 4000 Series from the A-Z list, then select Documentation > View All Documents) for details on how to upgrade your Switch.

File Names for This Release

| File Name | Module or File Type | File Size (bytes) |
|--------------------------|---|-------------------|
| 4500_53003_diag.bin | Diagnostic image for ERS 4500 models (except 4500-PWR+). | 1,589,514 |
| 4000_56401_diag.bin | Diagnostic image for ERS 4500-PWR+ & ERS 4800 models. | 1,934,853 |
| 4000_56401_combodiag.bin | Combination diagnostics suitable for all ERS 4000 models. | 3,524,367 |
| 4000_566016.img | Agent code image | 8,729,688 |
| 4000_566017s.img | Agent code image (Secure / SSH) | 9,126,640 |

5. Version of Previous Release

Software Version 5.6.5.

6. Compatibility

This software release is managed with Enterprise Device Manager (EDM).

7. Changes in This Release

7.1. New Features in This Release

None.

7.2 Old Features Removed From This Release

None.

7.3 Problems Resolved in This Release

Adding/removing ports from a range of VLANs caused VLAN aging issues on remote units (**wi01171257**)

Two OSPF Hello packets were sent at the same interval on non-base unit ports (**wi01166437**)

A 5.6.4 memory depletion issue was addressed in this release (**wi01165859**)

A memory leak on the base unit made the unit non-responsive and resulted in failover when WoL (wake on LAN) was performed on many clients (**wi01178894**)

The switch sometimes did not process EAP Response Identity after an EAP failure event (**wi01179742**)

ERS 4500 Port 0/1 blocked by VLACP until end-partner connection was reestablished (**wi01176587**)

Unicast EAPoL packets were not properly processed by the switch (**wi01171273**)

After "snmp-server view xxx +1.3.6.*" command was entered, the CLI froze and the next session failed to perform 'configure terminal' (**wi01192928**)

When a ERS 4850GTS-PWR+ was connected to a Cisco switch, the LLDP neighbors did not show up on Cisco box whereas the Cisco switch correctly reflected the ERS LLDP neighbors (**wi01184138**)

RADIUS server status was not correctly reported as down or up (**wi01192929**)

8. Outstanding Issues

4550T-PWR+ gets stuck in diagnostic menu after loading the diagnostic image 5.6.4.1 (**wi01190832**)

This only impacts the 4550T-PWR+ units all other 4xxx products work as expected.

Workaround: Downgrade to diagnostic image 5.6.2.1 from the diagnostic menu and reboot.

9. Known Limitations

With IPV6 disabled, MLD Packets are incorrectly being forwarded to the CPU (**wi01164558**)

Due to certain hardware settings IPv6 packets with hop-by-hop option and IPv4 packets with router alert option in their respective headers are processed and dropped by CPU. Consequently, a large and sustained number of such packets in the network can adversely impact the switch stability and performance.

This behavior is addressed on 4800 release 5.8, but remains on 4500 due to a hardware limitation.

10. Documentation Corrections

None.

For other known issues, please refer to the product release notes and technical documentation available from the Avaya Technical Support web site at: <http://www.avaya.com/support> .

11. Troubleshooting

As good practices of help for troubleshooting various issues, AVAYA recommends:

- configuring the device to use the Simple Network Time Protocol to synchronize the device clock;
- setting a remote logging server to capture all level logs, including informational ones. (#logging remote level informational).

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