Ethernet Routing Switch 4000 Series
Software Release 5.7.1

1. Release Summary

Release Date: 28-Jul-2014
Purpose: Software patch release to address customer and internally found software issues.

2. Important Notes Before Upgrading to This Release

Use the following upgrade strategy if the DHCP snooping or nonEAP phone authentication uses DHCP signature or DHCP relay in the network.
Upgrade all switches in your network if they are running software version prior to the following versions:
ERS 2500: 4.4.3
ERS 35xx: 5.1.2, 5.2.x
ERS 4xxx: 5.6.4, 5.7.1, 5.8.x
ERS 5xxx: 6.2.8, 6.3.3, 6.6.x
VSP 7xxx: 10.3.2, 10.4.x
In some previous software releases of the stackable ERS platforms as well as VSP 7k, a software issue was found to cause malformed DHCP packets as they were forwarded out of the switch.
This issue is now resolved in 5.7.1.

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_57001_diag.bin	Diagnostic image for 4500–PWR+ and 4800 models.	1,934,097
4000_57001_combodiag.bin	Combination diagnostics suitable for all ERS 4000 models.	3,523,611
4000_571020.img	Agent code image	10,125,184
4000_571021s.img	Agent code image (Secure / SSH)	10,381,892

5. Version of Previous Release

Software Version 5.7.0.

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

wi01180405 - Telnet session lock out.

wi01149719 - 4850GTS-PWR standalone shows incorrect values for Cport as "1899 in" In EDM under (ISIS->SPBM->Mac-Adress).

wi01173788 - SnmpGet shows zeros for port statistics when multiple OIDs are polled.

wi01148898 - Incompatibility issues between the ADS SLAMon server and ERS4000.

wi01173792 - DHCP-snooping populates incorrect lease time for PC. Server sends 8 days, the switch shows 2 minutes.

wi01173794 - QoS was filtering wrong packets along with the LLC frames.

wi01173795 - MAC addresses were not properly learned on some ports.

wi01173797 - ERS 4500 SW 5.6.2 could not take binary configuration backup from stack.

wi01166622 - Exception type: Watchdog Task Name "tRadRecv".

wi01156729 - "snmp trap link-status port" command missing.

wi01171258 - Adding/removing ports from range of VLANs cause aging VLAN issues on remote units.

wi01178888 -Two OSPF hello packet were sent on a same interval on non-Base unit ports.

wi01171282 - Unicast EAPoL packets are not processed by the switch.

wi01162277 - SSH "show run" command was extremely slow.

wi01168337 – When ADAC was configured on the box with one of the MLT ports as Up-Link port, upon reboot of the stack, the second MLT port is disabled once the stack comes up and the ADAC VLAN membership was removed from that port.

wi01178283 - LLDP packets from switch, triggered by fast start, were sometimes missing the network policy TLV.

wi01169594 - Delays in stack port traffic switch between Guest VLAN and Data VLAN for DHCP snooping or mac-max settings.

wi01175781 – When using Traffic profiling, the default parameter drop-out-action was always displayed.

wi01174716 - Memory Leak in the Base Unit makes the unit non-responsive and resulting in failover when WoL (wake on LAN) is performed on many clients.

wi01177880 – A memory depletion issue is now resolved in this release.

wi01169880 – Under certain conditions, clients were unable to get an IP address after upgrading to 5.7.0.

8. Outstanding Issues

wi01180216 - EAP+GV/DHCP Snooping: DHCP Snooping binding table fails to populate correctly when client transition from GV to RAV.
Workaround: set eap-packet-mode to unicast.

9. Known Limitations

None.

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).