Ethernet Routing Switch 4800 Series
Software Release 5.8.3

1. Release Summary

Release Date: 23-February-2016
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 4800 (all models).

4. Notes for Upgrade

Please see "Release Notes for Avaya Ethernet Routing Switch 4000 Series Release 5.8, NN47205-400", available at http://www.avaya.com/support for details on how to upgrade your Switch.

File Names for This Release

File Name	Module or File Type	File Size (bytes)
4000_58001_diag.bin	Diagnostic image	1,934,853
4000_583016.img	Agent code image	10,741,164
4000_583017s.img	Agent code image (Secure / SSH)	11,014,528
ers4000v5.8.0.0.zip	EDM Plug-in for COM	5,079,950

5. Version of Previous Release

Software Version 5.8.2.

6. Compatibility

This software release is managed with Enterprise Device Manager (EDM).
Avaya recommended browser is Firefox (v43 or newer).

7. Changes in This Release

7.1. New Features in This Release

The RSA key size was increased from 1024b to 2048b in order to meet current security standards. Customers using SSL should generate a new certificate and restart the SSL service after the upgrade, in order to take advantage of this enhanced security.

(config)#ssl certificate
(config)#ssl reset

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7.2 Old Features Removed From This Release

None.

7.3 Problems Resolved in This Release

ERS454800-787 - MACs not aging properly on L2 VSN VLANS

ERS454800-912 - Users get password expiration message each time they Telnet into the switch

ERS454800-965 - HTTP port reset to default value 80 after a reboot

ERS454800-942 - Critical error message displayed in syslog after upgrade from v5.6.6 to v5.7.1: "NVR CFM: ERROR adding port filters"

ERS454800-943 - High CPU utilization after upgrading to 5.7/5.8 with the NAC server configuration.

ERS454800-932 – When connected to a VSP 8k, auto topology showed VSP 6284XQ instead

ERS454800-841 - Logs are flooded with 'Trap: rcIsisPlsbLsdbUpdateTrap' messages

ERS454800-887 – The exception "NVR Sw Exception: Task tMCMgr, Type Data Access" has been addressed

ERS454800-976 – Unusual variations in displaying output for show interfaces verbose is resolved

ERS454800-928 - High CPU utilization due to SNMP polling from RPTG tool is fixed

ERS454800-1444 - TCP FYN was not generated from switch while exiting the SSH session

ERS454800-1071 – On a 8 high stack of 4800 with DHCP and IGMP snooping enabled, the following exception was observed: 'Task tMCMgr, Type Instr Access' and 'Task tMCMgr, Type Data Access'

ERS454800-986 - Ports 49-50 did not come up properly when connected to port 1-48 of a VSP 725 XSQ using 1 gig SFP

ERS454800-1192 – Sometimes SSH / WEB authentication via a radius server failed

ERS454800-1445 - Lost EAPol Config on non-base units after upgrading under heavily loaded EAP clients

ERS454800-1163 – When a 4800 is configured between two firewalls (with graceful restart enabled on them) and one of the firewalls is taken off line, OSPF neighbour state should be up between the second firewall and ERS4800 and ARP/MAC should get updated accordingly.

ERS454800-1446 – Stack instability with a tDHCP exception is now fixed in this release

ERS454800-1304 - After upgrading to 5.8.2 from 5.7.1 the binary configuration got lost and switch went to factory default state.

ERS454800-1447 - Packets getting looped on an uplink ports with DAI enabled on any VLANs on a stack of 3 units or higher

ERS454800-1448 - Clients were not getting IP address on few specific access ports

ERS454800-1331 – An exception "tCDTImc" on a 2-unit stack of ERS 4850s is fixed in this release

ERS454800-1346 – In a Switched UNI environment with Multiple Spanning Tree Mode enabled, whenever a new i-sid on an ERS4850 is configured, remote MAC is not learned and traffic does not egress out of the corresponding port of the ERS485

ERS454800-1336 - Telnet_SSH_EDM Access is intermittently lost

ERS454800-1273 – After upgrading to 5.7 code or higher, ssh,telnet and http connectivity through firewall failed

ERS454800-1412 – After some period of time, could not login to the switch due to “Incorrect Credentials”

8. Outstanding Issues

None.

9. Known Limitations

ERS454800-1350 – Locally NonEAP clients configured per port, are deleted after upgrade from 5.7.3 to 5.8.3. This is because 5.7.3 has new enhancements related to EAPoL - FA interaction which caused a modification of the internal data structures. 5.8.3 doesn’t have these FA enhancements and can't properly process.

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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