Customer Release Notes

Ethernet Routing Switch 4900 and 5900 Series
Software Release 7.6.2

April 2019

INTRODUCTION:

This document provides specific information for version 7.6.2 of agent software for the Ethernet Routing Switch 4900 and 5900 Series (All models).

The purpose of this version is to address customer and internally found software issues.

> **Extreme Networks recommends that you thoroughly review this document prior to installing or upgrading this product.**
>
> **For the latest firmware versions, visit the download site at:**
> www.extremenetworks.com/support/

IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE

None.

PLATFORMS SUPPORTED

Ethernet Routing Switch 4900 and 5900 Series (All models)

NOTES FOR UPGRADE

Please see "Release Notes for Ethernet Routing Switch 4900 and 5900 Series, Release 7.6" available at: https://documentation.extremenetworks.com

FILE NAMES FOR THIS RELEASE

File Type	ERS 4900 Series		ERS 5900 Series	
	File Name	File Size (bytes)	File Name	File Size (bytes)
Secure runtime image	4900_762019s.img	19,720,724	5900_762019s.img	20,340,676
Diagnostic software	5900_7502_diags.bin	7,573,600	5900_7502_diags.bin	7,573,600
MIB Definition File Archive	Ethernet_Routing_Switch_4900_MIBs_7.6.1.zip	1,691,783	Ethernet_Routing_Switch_5900_MIBs_7.6.1.zip	1,857,136
EDM Help Files	ers5000v760_HELP_EDM.zip	2,192,333	ers5000v760_HELP_EDM.zip	2,192,333
EDM Plug In	ers5900v7.6.2.0.zip	3,813,564	ers5900v7.6.2.0.zip	3,813,564

File Type	ERS 4900 Series		ERS 5900 Series	
	File Name	File Size (bytes)	File Name	File Size (bytes)
POE firmware	5900_poe_v15011.bin	40,960	5900_poe_v15011.bin	40,960

VERSION OF PREVIOUS RELEASE

Software Version 7.6.1.

COMPATIBILITY

This software release is managed with Enterprise Device Manager (EDM) which is integrated into the agent software.

CHANGES IN THIS RELEASE

New Features in This Release

DFO Enhancements

Added the following info in the output for the "`show tech`" command:
- "`show sys-info`", before `show system verbose`
- "`show username`", before `show ip`
- "`show fa assignment`"
- "`show fa elements`" - this and `show fa assignments` are after `show fa i-sid`
- "`show eap sessions`"
- "`show radius-server`" - this and `show eap sessions` are after `show ip igmp group count`
- "`show vlan dynamic`" after `show vlan`
- "`show running-config`" config at the end of `show tech`

Added "`show tech`" at the end of Ctrl-OO

Added new engmenu entry menu:
`"s - System" -> "7 - Show CPU Utilization"`

Added the POE firmware version to "`show system verbose`" for all units in the stack.

Enhance traps sent at PSU hot swap with the value of the PS status register.

Extreme GBIC "EXTREME LRM" is now recognized and supported.

Old Features Removed From This Release

None.

Problems Resolved in This Release

ERS495900-5223 - GARP with opcode 2 (ARP reply) is not learnt in ARP table.
ERS495900-5240 - XMC exhibiting intermittent topology information for interswitch links.

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Problems Resolved in This Release
ERS495900-5208 - ERS 4900: Few FA clients are stuck under HELD state if the total number of bindings (non-unique) requested by FA Clients exceeded 1000.
ERS495900-5205 - Incorrect port VLAN/Tagging when state (tagmode) field changes in LLDP/FA Element TLV.
ERS495900-5201 – High CPU and lost configuration might be seen rarely when there are open SSH connections during a soft reboot.
ERS495900-5236 - MCFG Block not reset following remap of flash.
ERS495900-5246 - SLPP GUARD : When a loop is created between 2 ports on the same device, port X and Y (X<Y), SLPP-Guard also transitions to blocking state port X-1 if SLPP-Guard is also enabled on it.
ERS495900-5247 - SLPP GUARD : When a physical loop is created between 2 ports from different units of a stack, SLPP-Guard doesn't detect it.
ERS495900-5255 - Management VLAN not accessible from PC directly connected to port in management VLAN.
ERS495900-5265 - rcVlanPortType returns all ports as access when ports are tagged.
ERS495900-5317 – Intermittent stack freezing in SPB environments.
ERS495900-5306 - Data Access Exception due to Nessus scan tool.
ERS495900-5252 - Stack failure after a non based unit leaves the stack.
ERS495900-5336 - Intermittent ISIS protocol bounces without any flaps of the physical link.
ERS495900-5177 - Switch management address is not reachable across SPB and can only be accessed from local non-SPB devices.
ERS495900-5289 - EAP authentication failure when Fabric Attach is disabled even though there are no FA RADIUS attributes in RADIUS.
ERS495900-5258 - Increase range for s5ChasStoreFilename, s5AgSysBinaryConfigFilename, s5AgSysAsciiConfigFilename in EDM.

KNOWN LIMITATIONS:

None.

DOCUMENTATION CORRECTIONS

None.

For other known issues, please refer to the product release notes and technical documentation available from the Extreme Networks support web site at: www.extremenetworks.com/support/

TROUBLESHOOTING

As good practices of help for troubleshooting various issues, Extreme Networks 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).

GLOBAL SUPPORT:

By Phone: +1 800-998-2408 (toll-free in U.S. and Canada)

For the toll-free support number in your country:
www.extremenetworks.com/support/

By Email: support@extremenetworks.com

By Web: www.extremenetworks.com/support/

By Mail: Extreme Networks, Inc.
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San Jose, CA 95119

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Extreme Networks Support website.