# Extreme®
Connect Beyond the Network

# Customer Release Notes

## Ethernet Routing Switch 4900 and 5900 Series
Software Release 7.6.1

April 2019

### INTRODUCTION:

This document provides specific information for version 7.6.1 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://www.extremenetworks.com/support/release-notes**

### 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_761033s.img | 19,703,460 | 5900_761033s.img | 20,322,868 |
| 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 | ers5900v7.6.1.0.zip | 3,813,000 | ers5900v7.6.1.0.zip | 3,813,000 |
| POE firmware | 5900_poe_v15011.bin | 40,960 | 5900_poe_v15011.bin | 40,960 |

## VERSION OF PREVIOUS RELEASE

Software Version 7.6.0.

## 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 |
| --- |
| None. |

| Old Features Removed From This Release |
| --- |
| None. |

| Problems Resolved in This Release |
| --- |
| ERS495900-5140 - Change of Authorization (CoA) message send by Radius Server rejected by switch |
| ERS495900-5142 - Unknown unicast traffic encapsulated according to the multicast fib and terminated on the remote BEB as known unicast was not forwarded correctly if the destination UNI port and the NNI port on which was received were on different units in stack. |
| ERS495900-5155 - SPBM: Traffic is multiplied when ingresses stack over NNI and egresses over UNI |
| ERS495900-5147 - Upgrading the POE firmware from 1.5.0.10 to 1.5.0.11 sometimes leads to firmware corruption and POE failure.<br>Therefore, the upgrade of POE firmware should be done in two steps:<br>1. Upgrade the image to 7.6.1 and reboot the switch/stack.<br>2. Upgrade the POE firmware to 1.5.0.11 (the switch will reboot automatically) |
| ERS495900-5145 - Memory depletion on SPB-multicast enabled stack where the source of the multicast streams is connected while the receivers located on the remote SPB node are joining and leaving the multicast group |
| ERS495900-5168 - EAP users not able to connect when joining a VLAN:ISID binding from another FA client without specifying the ISID |
| ERS495900-5163 - In an environment with a high number of LLDP change notifications, switch could stop forwarding traffic and become non-responsive |
| ERS495900-5183 - IPTV multicast streams lags on stacks over SBP |
| ERS495900-5194 - ERS5952 stack multiplying the DHCP offer to the client based on the number of units in stack |
| ERS495900-5224 - Traffic forwarding stops for UNIs configured on the same stack unit |
| ERS495900-5299 - Stack Mgmt address not reachable via SMLT on 7.5.0.007 due to lack of core ARP |
| A flash remapping capability has been added to this release which can be used to facilitate recovering and extending NVRAM lifespan in some conditions if NVRAM write failures are encountered.  If NVRAM errrors are encountered on a switch, please contact Extreme support for guidance. |

### KNOWN LIMITATIONS:

ERS495900-4438 - EDM: Users can't connect on switch via secure EDM using Chrome version 59 or newer.
**Problem description**: Starting with version 59, Chrome reports the self-signed certificate issued by ERS family as having bad format and will fail to connect via secure EDM.
**Workaround 1**: Use Digital Certificates signed by an external Certificate Authority.
**Workaround 2**: Use Firefox (v54 or older), IE (v11 or older), Edge (v20 or older) or Chrome (v58 or older)

ERS495900-5230 - Reboot on a stack which has a new non base unit added changes tagging to tagAll on all ports of that non base unit
**Workaround**: Manually change tagging of all port on the newly added unit to tagALL. Save config. Manually change tagging of all ports on new unit back to untagall. Save config.

In a 2 high stack, base unit AUR is not supported.
**Workaround**: Reconstruct the stack and manually restore the config for entire stack using saved ASCII config.

### 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.

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