

# Customer Release Notes

## Ethernet Routing Switch 4900 and 5900 Series

Software Release 7.6.2.303

July 2019

### INTRODUCTION:

This document provides specific information for version 7.6.2.303 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/](http://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/documentation> for details on how to upgrade your Switch.

### FILE NAMES FOR THIS RELEASE

#### Ethernet Routing Switch 4900 Series

File Name	Module or File Type	File Size (bytes)
5900_7502_diags.bin	Diagnostic image	7573600
4900_762303s.img	Agent code image (SSH)	19721940
ers5000v760_HELP_EDM.zip	EDM Help file zip	2192333
ers5900v7.6.2.0.zip	EDM plug-in for COM file zip	3813564
Ethernet_Routing_Switch_4900_MIBs_7.6.1.zip	MIB definition files	1691783
5900_poe_v15011.bin	POE firmware	40960

**Ethernet Routing Switch 5900 Series**

File Name	Module or File Type	File Size (bytes)
5900_7502_diags.bin	Diagnostic image	7573600
5900_762303s.img	Agent code image (SSH)	20342276
ers5000v760_HELP_EDM.zip	EDM Help file zip	2192333
ers5900v7.6.2.0.zip	EDM plug-in for COM file zip	3813564
Ethernet_Routing_Switch_5900_MIBs_7.6.1.zip	MIB definition files	1857136
5900_poe_v15011.bin	POE firmware	40960

**VERSION OF PREVIOUS RELEASE**

Software Version 7.6.2

**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 more PSU details to "show system verbose" for all units in stack.

Sample output:

```
P2(config)#show system verbose
...
Unit #2:
  Switch Model:          5952GTS-PWR+
  ...
  Serial Number:        XLIR748P400001
  Manufacturing Date:    20140723
  Power Supply 1:
    Order Code           AL5800A2F-E6
    Order Coder Rev      R01
    Description           AC-DC-56V1400W-F2B
    Serial Number        K636NB001DBKZ
    Supplier Part Num    700-013146-1000
    Model Revision       REV.BP
    Manufacturer         ARTESYN
  Power Supply 2:
    Order Code           AL1905A3F-E6
    Order Coder Rev      R01
    Description           AC-DC-56V1400W-F2B
    Serial Number        K636RR00BVETZ
    Supplier Part Num    700-013146-1000
    Model Revision       REV.ET
    Manufacturer         ARTESYN
  Power Status :        1- OK 2- OK
```

**Old Features Removed From This Release**

None.

**Problems Resolved in This Release**

JIRA number	JIRA description
ERS495900-5271	Degraded throughput and dropped on no resources when uplink is 10 gig and access port is 1 gig
ERS495900-5356	Can no longer access ERS4900 switch via SSH or Telnet due to an error occurred during an MLT link flap
ERS495900-5364	Stacks are not reachable when mocSsh task is suspended and after reboot exceptions are registered
ERS495900-5373	ERS 4900: No PSU information available either via CLI, EDM or SNMP
ERS495900-5383	In a scenario with over 2K MACs learned over the NNI links, a snmpwalk on the dot1qtable will result in CPU spikes, with VLACP and ISIS adjacencies being impacted.
ERS495900-5409	ISIS adjacencies went down when tMCMgr task was waiting for a semaphore taken and not released
ERS495900-5414	MAC table output incomplete when EAPOL enabled on ports
ERS495900-5439	Devices connecting at half duplex no longer connect and/or maintain link after upgrade to 7.6.2.217.  For more details please check the KB article published here: <a href="https://gtacknowledge.extremenetworks.com/articles/Solution/000040215">https://gtacknowledge.extremenetworks.com/articles/Solution/000040215</a>

**KNOWN LIMITATIONS:**

ERS495900-5268, ERS495900-5367 – Intermittently, random front panel ports stop passing traffic (reboot of switch resolves) and can re-occur on same/different port – reported with 7.5.1 agent software.

For other previously 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/](http://www.extremenetworks.com/support/).

**DOCUMENTATION CORRECTIONS**

None.

**TROUBLESHOOTING**

As good practices of help for troubleshooting various issues, we recommend:

- 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/](http://www.extremenetworks.com/support/)

By Email: [support@extremenetworks.com](mailto:support@extremenetworks.com)

By Web: [www.extremenetworks.com/support/](http://www.extremenetworks.com/support/)

By Mail: Extreme Networks, Inc.  
6480 Via Del Oro  
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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