

Customer Release Notes

Virtual Services Platform 8600 Series

Software Release 6.3.5.0

August 2020

INTRODUCTION:

This document provides specific information for version 6.3.5.0 of agent software for the VSP 8600.

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:

Virtual Services Platform VSP 8608

SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES:

None.

NOTES FOR UPGRADE:

Please see "Release Notes for VSP 8600" for software release 6.3.0, available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

FILE NAMES FOR THIS RELEASE:

File Name	Module or File Type	File Size (bytes)
VOSS8600.6.3.5.0.tgz	Release 6.3.5.0 archived software distribution	149712540
VOSS8600.6.3.5.0_mib.zip	Archive of all MIB files	1087640
VOSS8600.6.3.5.0_mib.txt	MIB file	7211567
VOSS8600.6.3.5.0_mib_sup.txt	MIB file	998506
VOSS86v630_HELP_EDM_gzip.zip	EDM Help file	4089687
VOSS86v6.2.0.0.zip	EDM plug-in for COM	5841647
VOSS8600.6.3.5.0.md5	MD5 Checksums	658
VOSS8600.6.3.5.0.sha512	SHA512 Checksums	1714

Note about image download:

Ensure images are downloaded using the binary file transfer. Perform MD5 checksum check on downloaded files to ensure file integrity.

Check that the file type suffix is “.tgz” and the image names after download to device match those shown in the above table. Some download utilities have been observed to append “.tar” to the file name or change the filename extension from “.tgz” to “.tar”. If file type suffix is “.tar” or file name does not exactly match the names shown in above table, rename the downloaded file to the name shown in the table above so that the activation procedures will operate properly.

Load activation procedures:

```
software add VOSS8600.6.3.5.0.tgz
```

```
software activate VOSS8600.6.3.5.0.GA
```

VERSION OF PREVIOUS RELEASE:**Virtual Services Platform 8608 Series**

Software Version 4.5.0.0, 4.5.0.1, 6.1.0.0, 6.1.0.1, 6.1.0.2, 6.2.0.0, 6.2.0.1, 6.2.0.2, 6.2.0.3, 6.2.1.0, 6.3.0.0, 6.3.1.0, 6.3.2.0, 6.3.3.0 and 6.3.4.0 for VSP 8608 platforms

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**

IGMP Snooped streams' timeout value configurable on a per GRT/VRF basis. Previously the IGMP stream-timeout parameter was hardcoded to 5 minutes.

CLI SYNTAX Overview:**GRT Config:**

```
VSP-8608:1(config)#ip igmp stream-timeout <10-432000 secs>
VSP-8608:1(config)#default ip igmp stream-timeout          (default is 300 secs)
```

VRF Config:

```
VSP-8608:1(config)#router vrf red
VSP-8608:1(router-vrf)#ip igmp stream-timeout <10-432000 secs>
VSP-8608:1(router-vrf)#default ip igmp stream-timeout      (default is 300 secs)
```

```
VSP-8608:1(config)#ip igmp stream-timeout 3600
```

```
VSP-8608:1(config)#show ip igmp sys
```

```
...
```

```
=====
Igmp System Parameters - GlobalRouter
=====
```

```
fast-leave-mode : multiple-user
generate-trap   : disable
generate-log    : disable
stream-timeout  : 3600 (New config parameter)
```

Old Features Removed From This Release

None.

Problems Resolved in This Release

ID	Description
VOSS-17459	<p>Added IGMP stream-timeout configuration parameter. Previously the IGMP stream-timeout parameter was hardcoded to 5 minutes.</p> <p>CLI SYNTAX Overview:</p> <p>GRT Config:</p> <pre>VSP-8608:1(config)#ip igmp stream-timeout <10-432000 secs> VSP-8608:1(config)#default ip igmp stream-timeout (default is 300 secs)</pre> <p>VRF Config:</p> <pre>VSP-8608:1(config)#router vrf red VSP-8608:1(router-vrf)#ip igmp stream-timeout <10-432000 secs></pre>

	<p>VSP-8608:1(router-vrf)#default ip igmp stream-timeout (default is 300 secs)</p> <p>VSP-8608:1(config)#ip igmp stream-timeout 3600</p> <p>VSP-8608:1(config)#show ip igmp sys</p> <p>...</p> <p>=====</p> <p>Igmp System Parameters - GlobalRouter</p> <p>=====</p> <p>fast-leave-mode : multiple-user</p> <p>generate-trap : disable</p> <p>generate-log : disable</p> <p>stream-timeout : 3600 (New config parameter)</p>
VOSS-17524	flex-uni enabled MLT stops passing untagged traffic after port mirroring is enabled or the port is toggled
VOSS-17763	40GbCR4 DAC in 8616QQ port 2 doesn't establish link up after a system boot if at boot time the remote end is admin disabled and then later enabled.
VOSS-17804	SSH connection rejected from Dropbear SSH client
VOSS-17890	mDNS packets are not forwarding in L2 configuration when the switch is configured as the core between two EXOS switches
VOSS-18044	Prevent mDNS packets (224.0.0.251) and other unsupported multicast packets from being copied to the CPU
VOSS-18325	NLB mac address was (incorrectly) installed in the FDB table when processing an ARP from the NLB server. This entry prevented the flooding of packets in the vlan destined for the NLB mac.
VOSS-18326	<p>Add warning message when tagged port added to access LACP/MLT and vice-versa.</p> <p>WARNING: Adding ports with different tagging option. Tagging option for each port is used from MLT (TAGGED)!</p> <p>Or</p> <p>WARNING: Adding ports with different tagging option. Tagging option for each port is used from MLT (UNTAGGED)!</p>
VOSS-18437	An extra mac learn event was observed occurring at the hardware level for NNI l2vsni ingress packets.
VOSS-18524	Add "force" option to "vlan i-sid <vlan> <i-sid>" so i-sid value can be changed without deleting first.

OUTSTANDING ISSUES:

Please see "Release Notes for VSP 8600" for software release 6.3.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "Release Notes for VSP 8600" for software release 6.3.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

ID	Description	Workaround
VOSS-12399	VSP8600 with LACP MLT ports configured as SMLT and no VIST configured may cause LACP link state instability	Fix configuration error

DOCUMENTATION CORRECTIONS:

For other known issues, please refer to the product release notes and technical documentation available at: <https://www.extremenetworks.com/support/documentation>.

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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