



Ethernet Routing Switch 8600

Readme

Software Release 7.1.3.3



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Software Release 7.1.3.3

Release Date: May 25, 2012

Purpose: Software Patch release to address externally found customer issues.

Important Notices

Supported hardware for Release 7.1.3.3:

Refer to the ERS 8800 Release Notes for a complete list of supported hardware - **Release Notes — Software Release 7.1.3 Avaya Ethernet Routing Switch 8800/8600 (NN46205-402, 08.02)** available at <https://support.avaya.com>

Upgrade Notes

This section describes the Ethernet Routing Switch 8800 Software Release 7.1.3.3 software files.

Before you upgrade, it is recommended to verify the MD5 signature for each new file to be used.

For upgrade procedures, see **Upgrades — Software Release 7.1.3 Avaya Ethernet Routing Switch 8800/8600 (NN46205-400, 07.03)** available at <https://support.avaya.com>

File Names for This Release

Module or file Type	Description	File name	Size in bytes
Software tar file Tar file of all software	Deliverables (includes images that also contain encryption software)	pr86_7133.tar.gz	
Ethernet Routing Switch images			
Boot monitor image for 8692 SF/CPU	8692 CPU and switch fabric firmware	p80b7133.img	
Boot monitor image for 8895 SF/CPU	8895 CPU and switch fabric firmware	p80be7133.img	
Run-time image for 8692 SF/CPU	Run-time image for 8692 SF/CPU	p80a7133.img	
Run-time image for 8895 SF/CPU	Run-time image for 8692 SF/CPU	p80ae7133.img	
Run-time image for R modules	Run-time image for R modules	p80j7133.dld	
Run-time image for RS modules	Run-time image for RS modules	p80k7133.dld	



Run-time image for Enterprise Enhanced SF/CPU Daughter Card (SuperMezz)	Image for the SuperMezz Card	p80m7133.img	
3DES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7133.des	
3DES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80ce7133.des	
AES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7133.aes (this image includes the 3DES image)	
AES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80ce7133.aes (this image includes the 3DES image)	
MIB	MIB files	p80a7133.mib	
MIB (zip file)	Zip file containing MIBs	p80a7133.mib.zip	
MD5 checksum File	md5 checksums of all Release 7.0 software files	p80a7133.md5	
FOQ for R modules	Feedback output queuing FPGA firmware	foq267.xsvf	
BMC for R modules	BAP memory controller FPGA firmware	bmc776.xsvf	
DPC for R modules	Dual port Controller FPGA firmware	dpc184.xsvf	
PIM8630GBR	Programmable I/O module FPGA firmware; for the 8630GBR only	PI_769.xsvf	
Firmware for RS modules	Contains FOQ, BMC, DPC, mirroring, and loopback images	rs_dpm_fpga.bin	
PIM images for RS modules	PIM FPGA firmware required for 8612XLRS module only	pim8612XLRS.bin	
	PIM FPGA firmware required for 8634XGRS module only	pim8634XGRS.bin	



	PIM FPGA firmware required for 8648GBRS module only	pim8648GBRS.bin	
	PIM FPGA firmware required for 8648GTRS module only	pim8648GTRS.bin	
Trace files			
MPLS trace file	Trace file for MPLS. This is auto generated and appears on the PCMCIA after upgrade.	nbpdtrc.lo0	
EDM Help files			
EDM help files	Help files for EDM GUI	Ers8000v7133_HELP_EDM.zip	
ERS 8000 EDM plug-in for COM			
EDM plug-in for COM	EDM plug-in for COM	ers8000v7.1.3.3.war	

NOTE: dpc194.xsvf is a new DPC FPGA image for R-modules that can only be used with 7.0.0.1 or greater releases. These are not packaged as part of the release. Please obtain the software from Avaya Support if needed.

Version of Previous Release

Software Version **7.1.3.2**

Compatibility

This software release is managed with Enterprise Device Manager (EDM)

Changes in This Release

New Features in This Release

None.

Old Features Removed From This Release

None.



Problems Resolved in This Release

When users configure the message control feature using SNMP SET or CLI/ACLI, a space within the pattern string is allowed and should be allowed. However, this space within the string makes config loading/sourcing incomplete. [wi01008383]

In IPVPN configuration, default route (0/0) is not advertised from source to target VRF's. This has been fixed. Please note that attribute orig-def-route needs to be enabled to allow default route leaking with default values. . [WI01000320]

Outstanding Issues

Known Limitations

When we are running multiple ports configured in the same lane, we see momentary traffic loss on other ports in the lane, when the operating speed/duplex changes on one of the ports. If the operating speed/duplex remains same as before, there is no traffic loss. For example, if we pull a SFP and plug it back in, and the speed/duplex remains same as before, we will not see traffic loss. The reason for this is that every time a port speed changes, we need to re-configure lane specific shapers. This is the case if we are re-configuring Egress Queue Sets and configuring port shapers also.

Please refer to the Known Limitations Section of the Release Notes for Ethernet Routing Switch 8600 Software Release 7.1.3.0. No other new known limitations have been found.

Documentation Corrections

None.



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