



Ethernet Routing Switch 8800/8600

Readme

Software Release 7.2.0.2



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Software Release 7.2.0.2

Release Date: December 3, 2012

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

Important Notices

Supported hardware for Release 7.2.0.2

Refer to the ERS 8800 Release Notes for a complete list of supported hardware - **Release Notes — Software Release 7.2.0.0 Avaya Ethernet Routing Switch 8800/8600 (NN46205-402, 09.02)** available at <https://support.avaya.com>

Upgrade Notes

This section describes the Ethernet Routing Switch 8800 Software Release 7.2.0.2 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 7.2.0.0 Avaya Ethernet Routing Switch 8800/8600 (NN46205-400, 07.2.0.0)** 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_7202.tar.gz	66920307
Ethernet Routing Switch images			
Boot monitor image for 8692 SF/CPU	8692 CPU and switch fabric firmware	p80b7202.img	1192469
Boot monitor image for 8895 SF/CPU	8895 CPU and switch fabric firmware	p80be7202.img	1259824
Run-time image for 8692 SF/CPU	Run-time image for 8692 SF/CPU	p80a7202.img	16497516
Run-time image for 8895 SF/CPU	Run-time image for 8895 SF/CPU	p80ae7202.img	15468904
Run-time image for R modules	Run-time image for R modules	p80j7202.dld	1900660
Run-time image for RS modules	Run-time image for RS modules	p80k7202.dld	1967736



Run-time image for Enterprise Enhanced SF/CPU Daughter Card (SuperMezz)	Image for the SuperMezz Card	p80m7202.img	16571971
3DES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7202.des	56124
3DES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7202.des	56124
AES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7202.aes (this image includes the 3DES image)	27436
AES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80ce7202.aes (this image includes the 3DES image)	25156
MIB	MIB files	p80a7202.mib	5419795
MIB (zip file)	Zip file containing MIBs	p80a7202.mib.zip	851965
MD5 checksum File	md5 checksums of all Release 7.0 software files	p80a7202.md5	1234
FOQ for R modules	Feedback output queuing FPGA firmware	foq267.xsvf	5320469
BMC for R modules	BAP memory controller FPGA firmware	bmc776.xsvf	2640266
DPC for R modules	Dual port Controller FPGA firmware	dpc194.xsvf	2642001
PIM8630GBR	Programmable I/O module FPGA firmware; for the 8630GBR only	PI_769.xsvf	2284578
Firmware for RS modules	Contains FOQ, BMC, DPC, mirroring, and loopback images	rs_dpm_fpga.bin	4538368
PIM images for RS modules	PIM FPGA firmware required for 8612XLRS module only	pim8612XLRS.bin	60183
	PIM FPGA firmware required for 8634XGRS module only	pim8634XGRS.bin	78173



	PIM FPGA firmware required for 8648GBRS module only	pim8648GBRS.bin	79891
	PIM FPGA firmware required for 8648GTRS module only	pim8648GTRS.bin	54441
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	ers8000v720_HELP_EDM_gzip.zip	3494992
ERS 8000 EDM plug-in for COM			
EDM plug-in for COM	EDM plug-in for COM	ers8000v7.2.0.0.zip	5320376

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.

Firmware versions for modules

Module Type	CC	FOQ	DPC	BMC	PIM	Mirror	Loopback
8683XLR and 8683XZR	3	267	194	776	0*	N/A	N/A
8630GBR	3	267	194	776	769	N/A	N/A
8648GTR	3	267	194	776	3*	N/A	N/A
8812XL	33281	270	7	264	256	304	274
8612XLRS	33281	270	7	264	1024	304	274
8648GBRS and 8848GB	33281	270	7	264	1024	304	274
8648GTRS and 8848GT	33281	270	7	264	768	304	274
8634XGRS and 8834XG	33281	270	7	264	1024	304	274

* No PIM image files available



Version of Previous Release

Software Version **7.2.0.0, 7.2.0.1**

Compatibility

VSP 9000 Release 3.3.2 is the minimum required release to interoperate with the ERS 8800 7.2 Multicast over SPBm feature. (VSP 9000 Release 3.3.2 is recommended to fully interoperate with ERS 8800 7.2 SPBm network deployments.)

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

Note: EDM Help files and EDM plug-in for COM are included with this release. Those must also be updated as part of upgrading to release 7.2.0.2.

Changes in This Release

New Features in This Release

None.

Old Features Removed From This Release

None.

Problems Resolved in This Release

- Expired TTL multicast packets are flooded inter-vlan instead of being dropped [wi01060281]

Outstanding Issues

None

Known Limitations

- Please refer to the Known Limitations Section of the Release Notes for Ethernet Routing Switch 8600 Software Release 7.2.0.0. No other new known limitations have been found than those noted above.

Documentation Corrections

None.

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