



Cisco Catalyst 8500/LightStream 1010 IOS Release 12.1(20)EB

Introduction

This Product Bulletin describes the content and delivery information concerning Cisco IOS™ software release 12.1(20)EB. It should be used in conjunction with Product Bulletin titles, Cisco IOS Software Release 12.1E. 12.1(20)EB is an Early Deployment (ED) release supporting Cisco Catalyst 8510/8540 MSR and Lightstream 1010 platforms.

New Features in 12.1(20)EB

New features are supported on the Cisco Catalyst 8510MSR, 8540MSR, and Lightstream 1010

New Feature	8510MSR	8540MSR	LS1010
LANE Client on ARM2	No	Yes	No
Counter Preservation on RP Switchover	No	Yes	No
SSH Client v2 Support	Yes	Yes	Yes

Table 1. Cisco IOS Release 12.1(20)EB Features

Detailed Information

LANE Client on ARM2

LAN Emulation (LANE) is currently supported on the ATM Router Module (ARM1). In release 12.1(20)EB, the same feature set of LANE on ARM1 is now available on ARM2, the higher performance ARM module for the Catalyst 8540 MSR. In addition to the existing feature set, Jumbo Frame support is added for LANE on ARM2.

Counter Preservation on RP Switchover

Prior to release 12.1(20)EB, an RP switchover caused counters to be reset to zero. All history of the counters would be lost. In release 12.1(20)EB, counters are preserved at the point of the switchover and continue incrementing after switchover is complete.

SSH Client v2 Support

Release 12.1(20)EB adds support for SSHv2 Client. SSH v2 Server support already exists.

Documents

For more detailed information about the platforms and features being delivered in 12.1(20)EB, please reference the following documents:



<http://www.cisco.com/en/US/products/hw/switches/ps718/index.html>

http://www.cisco.com/en/US/products/hw/switches/ps718/prod_technical_documentation.html

Support

Cisco IOS software release 12.1(20)EB follows the standard Cisco support policy as indicated in the following link:

http://www.cisco.com/en/US/products/svcs/ps3034/serv_category_home.html

Download Information

Customers can download Cisco IOS Release 12.1(20)EB software from Cisco Connection Online (CCO) in the Software Image Library.

<http://www.cisco.com/public/sw-center>

Product Numbers

Platform	Software Feature Set	Product Codes	Image	Flash	DRAM
LS1010	Cisco LS1010 Series IOS Lightstream IISP/PNNI	SL10R2-12120EB SL10R2-12120EB=	ls1010-wp-mz	16MB	64MB
LS1010	Cisco LS1010 Series IOS Lightstream IISP/PNNI SSH 3DES	SL10R2K2-12120EB SL10R2K2-12120EB=	ls1010-wpk2-mz	16MB	64MB
8510MSR	Cisco CAT8510 Series IOS ATM/Layer3	S851R2-12120EB S851R2-12120EB=	cat8510m-wp-mz	16MB	64MB
8510MSR	Cisco CAT8510 Series IOS ATM/Layer3 SSH 3DES	S851R2K2-12120EB S851R2K2-12120EB=	cat8510m-wpk2-mz	16MB	64MB
8540MSR	Cisco CAT8540 Series IOS ATM/Layer3	S854R2-12120EB S854R2-12120EB=	cat8540m-wp-mz	16MB	256MB
8540MSR	Cisco CAT8540 Series IOS ATM/Layer3 SSH 3DES	S854R2K2-12120EB S854R2K2-12120EB=	cat8540m-wpk2-mz	16MB	256MB

Cisco IOS Release 12.1(20) EB Feature Sets, Images, and Memory Recommendations