



MSFC2 Bootflash Upgrade Kit for Supervisor Engines of the Cisco Catalyst 6500 Series Switch and Cisco 7600 Series Internet Router

Refer to this document if you have the Cisco Catalyst[®] Operating System (CatOS) Software and Cisco IOS[®] Software for MSFC2 on the Supervisor Engine 1A and Supervisor Engine 2 with the Multilayer Switch Feature Card 2 (MSFC2) of the Cisco Catalyst 6500 Series Switch or the Cisco 7600 Series Internet Router. If you use the following versions of the Cisco IOS Software for MSFC2, you must upgrade the MSFC2 bootflash to 32 MB. To order the upgrade kit, reference product code **WS-X6K-MSFC2-KIT**.

MSFC2 32 MB Bootflash Requirement

The following table lists the software versions and descriptions for the Multilayer Switch Feature Card 2 Cisco IOS Software for the Cisco Catalyst 6500 Series Supervisor Engine 1A and Cisco Catalyst 6500 Series and Cisco 7600 Supervisor Engine 2, which require 32 MB bootflash. Supervisor Engine 1A, Supervisor Engine 2, and MSFC2 Spares (WS-F6K-MSFC2=) shipped after July 1, 2002 will have 32-MB MSFC2 bootflash. Therefore, you do not need to upgrade them with this kit.

Table 1 MSFC2 Software Release 12.1E Versions That Require 32-MB Bootflash on the MSFC2

Orderable Product Number	Description	Image
S6MSF2AK2-12111E	Cisco Catalyst 6000 MSFC IOS Enterprise with Versatile Interface Processor (VIP), Secure Shell (SSH), and Triple Data Encryption Standard (3DES), Software Release 12.1(11b)E	c6msfc2-jk2sv-mz.121-11b.E
S6MSF2AK2-12111E =	Spare, requires appropriate Feature License (s)	
S6MSF2AK2H-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with Firewall, VIP, SSH, and 3DES, Software Release 12.1(11b)EX	c6msfc2-jk2o3sv-mz.121-11b.E
S6MSF2AK2H-12111E =	Spare, requires appropriate Feature License (s)	



Table 1 MSFC2 Software Release 12.1E Versions That Require 32-MB Bootflash on the MSFC2

Orderable Product Number	Description	Image
S6MSF2AV-12111E	Cisco Catalyst 6000 MSFC2 IOS Enterprise with VIP, Software Release 12.1(11b)E	c6msfc2-jsv-mz.121-11b.E
S6MSF2AV-12111E =	Spare, requires appropriate Feature License (s)	
S6MSF2ZK2H-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Service Provider with VIP, SSH, and 3DES, Software Release 12.1(11b)E	c6msfc2-pk2o3sv-mz.121-11b.E
S6MSFC2ZK2H-12111E =	Spare, requires appropriate Feature License (s)	

Hardware Not Supported

This upgrade kit is for MSFC2 only. It does not upgrade MSFC bootflash. The following table lists the software versions and descriptions for the Multilayer Switch Feature Card Cisco IOS Software for the Cisco Catalyst 6500 Series Supervisor Engine 1A, which can no longer fit into MSFC bootflash and must reside on a PCMCIA card. For more detailed information, refer to the Cisco Catalyst 6500 Series release notes.

Table 2 MSFC Software Release 12.1E Versions That Require PCMCIA as the Boot Media¹

Orderable Product Number	Description	Image
S6MSFCAK2-12111E	Cisco Catalyst 6000 MSFC IOS Enterprise with VIP, SSH, and 3DES, Software Release 12.1(11b)E	c6msfc-jk2sv-mz.121-11b.E

1. Future versions of these images types will also require 32MB Bootflash on MSFC2.

For more detailed information concerning this software release, refer to the Cisco Catalyst 6500 and Cisco 7600 series release notes at:

<http://www.cisco.com/univercd/cc/td/doc/product/lan/cat6000/relnotes/index.htm>

Refer to the Cisco Catalyst 6500 Series documentation at:

<http://www.cisco.com/warp/public/cc/pd/si/casi/ca6000/> and

<http://www.cisco.com/univercd/cc/td/doc/product/lan/cat6000/>

Refer to the Cisco 7600 Series Internet Router documentation at:

<http://www.cisco.com/warp/public/cc/pd/rt/7600osr/>

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