

PCMCIA Flash PC Card Required for Select Cisco IOS Software for Supervisor Engine 1A of the Cisco Catalyst 6500 Series Switch

Use this document if you have the Cisco IOS[®] Software or Cisco Catalyst[®] Operating System (CatOS) software and Cisco IOS Software for Multilayer Switch Feature Card (MSFC) on the Supervisor Engine 1A with the MSFC or MSFC2 of the Cisco Catalyst[®] 6500 Series Switch.

Flash PC Requirement

Software image sizes are increasing because of an increasingly rich Cisco IOS Software feature set. Select images, beginning with Cisco IOS Software Release 12.1(11b)E, are too large to reside in the onboard bootflash single inline memory module (SIMM) on the Supervisor Engine 1A of the Cisco Catalyst 6500 Series Switch. These images are for the Cisco Catalyst 6500 Series Switch running Cisco IOS Software on either the Supervisor Engine or the MSFC. The system software image must reside in Flash PC card slot 0 or slot 1 on the Supervisor Engine.

The following tables list the software versions that require the system software image to be on a Flash PC card.

Table 1 Supervisor Software Release 12.1E Versions That Require Slot 0: Device¹

Orderable Product Number	Description	Image
IOS 12.1(11b)E		
SUP1A with MSFC		
S6S11AV-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC IOS Enterprise with Versatile Interface Processor (VIP), Software Release 12.1(11b)E	c6sup11-jsv-mz.121-11b.E
S6S11AV-12111E=	Spare, requires appropriate Feature License(s)	
S6S11AK2-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC IOS Enterprise with VIP, Secure Shell (SSH), and Triple Data Encryption Standard (3DES), Software Release 12.1(11b)E	c6sup11-jk2sv-mz.121-11b.E
S6S11AK2-12111E=	Spare, requires appropriate Feature License(s)	



Table 1 Supervisor Software Release 12.1E Versions That Require Slot 0: Device¹

Orderable Product Number	Description	Image
SUP1A with MSFC2		
S6S12AV-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with VIP, Software Release 12.1(11b)E	c6sup12-jsv-mz.121-11b.E
S6S12AV-12111E=	Spare, requires appropriate Feature License(s)	
S6S12AK2-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with VIP, SSH, and 3DES. Software Release 12.1(11b)E	c6sup12-jk2sv-mz.121-11b.E
S6S12AK2-12111E=	Spare, requires appropriate Feature License(s)	
S6S12AVH-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with Firewall and VIP, Software Release 12.1(11b)E	c6sup12-jo3sv-mz.121-11b.E
S6S12AVH-12111E=	Spare, requires appropriate Feature License(s)	
S6S12AK2H-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with Firewall, VIP, and 3DES, Software Release 12.1(11b)E	c6sup12-jk2o3sv-mz.121-11b.E
S6S12AK2H-12111E=	Spare, requires appropriate Feature License(s)	
S6S12ZK2H-12111E	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Service Provider with Firewall, VIP and 3DES, Software Release 12.1(11b)E	c6sup12-pk2o3sv-mz.121-11b.E
S6S12ZK2H-12111E=	Spare, requires appropriate Feature License(s)	



Table 1 Supervisor Software Release 12.1E Versions That Require Slot 0: Device¹

Orderable Product Number	Description	Image
IOS 12.1(11b)EX		
SUP1A with MSFC		
S6S11AV-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC IOS Enterprise with VIP, Software Release 12.1(11b)EX	c6sup11-jsv-mz.121-11b.EX-
S6S11AV-12111EX=	Spare, requires appropriate Feature License(s)	
S6S11AK2-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC IOS Enterprise with VIP, SSH, and 3DES, Software Release 12.1(11b)EX	c6sup11-jk2sv-mz.121-11b.EX
S6S11AK2-12111EX=	Spare, requires appropriate Feature License(s)	
SUP1A with MSFC2		
S6S12AV-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with VIP, Software Release 12.1(11b)EX	c6sup12-jsv-mz.121-11b.EX
S6S12AV-12111EX=	Spare, requires appropriate Feature License(s)	
S6S12AK2-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with VIP, SSH, and 3DES. Software Release 12.1(11b)EX	c6sup12-jk2sv-mz.121-11b.EX
S6S12AK2-12111EX=	Spare, requires appropriate Feature License(s)	
S6S12AVH-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with Firewall and VIP, Software Release 12.1(11b)EX	c6sup12-jo3sv-mz.121-11b.EX
S6S12AVH-12111EX=	Spare, requires appropriate Feature License(s)	
S6S12AK2H-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Enterprise with Firewall, VIP, and 3DES. Software Release 12.1(11b)EX	c6sup12-jk2o3sv-mz.121-11b.EX
S6S12AK2H-12111EX=	Spare, requires appropriate Feature License(s)	



Table 1 Supervisor Software Release 12.1E Versions That Require Slot 0: Device¹

Orderable Product Number	Description	Image
S6S12ZK2-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Service Provider with VIP, SSH, and 3DES. Software Release 12.1(11b)EX	c6sup12-pk2sv-mz.121-11b.EX
S6S12ZK2-12111EX=	Spare, requires appropriate Feature License (s)	
S6S12ZK2H-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Service Provider with Firewall, VIP and 3DES. Software Release 12.1(11b)EX	c6sup12-pk2o3sv-mz.121-11b.EX
S6S12ZK2H-12111EX=	Spare, requires appropriate Feature License(s)	
S6S12ZVH-12111EX	Cisco Catalyst 6000 Supervisor 1/MSFC2 IOS Service Provider with Firewall and VIP, Software Release 12.1(11b)EX	c6sup12-po3sv-mz.121-11b.EX
S6S12ZVH-12111EX=	Spare, requires appropriate Feature License(s)	

1. Future versions of these software image types will require the system software image to be on a Flash PC card.



Table 2 MSFC Software Release 12.1E versions That Require slot 0: device¹

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
S6MSFCAK2-12111E =	Spare, requires appropriate Feature License(s)	
S6MSFC2AK2-12111E	Cisco Catalyst 6000 MSFC2 IOS Enterprise with VIP, SSH, and 3DES, Software Release 12.1(11b)E	c6msfc2-jk2sv-mz.121-11b.E
S6MSFC2AK2-12111E =	Spare, requires appropriate Feature License(s)	

1. Future versions of these software image types will require the system software image to be on a Flash PC card.

Additional Hardware Requirements

Cisco Catalyst 6500 Series Switch running Cisco IOS Software on either the Supervisor Engine 1A or the MSFC or MSFC2 should use Flash PC cards greater than 16 MB.

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 also to the software configuration guide at:

http://www.cisco.com/univercd/cc/td/doc/product/lan/cat6000/12_1e/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/>

CISCO SYSTEMS



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems Europe
11 Rue Camille Desmoulins
92782 Issy-les-Moulineaux
Cedex 9
France
www-europe.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
Capital Tower
168 Robinson Road
#22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: +65 317 7777
Fax: +65 317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the

Cisco Web site at www.cisco.com/go/offices

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia
Czech Republic • Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland
Israel • Italy • Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland
Portugal • Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden
Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

All contents are Copyright © 1992–2002, Cisco Systems, Inc. All rights reserved. CCIP, the Cisco *Powered* Network mark, the Cisco Systems Verified logo, Cisco Unity, Follow Me Browsing, FormShare, Internet Quotient, iQ Breakthrough, iQ Expertise, iQ FastTrack, the iQ logo, iQ Net Readiness Scorecard, Networking Academy, ScriptShare, SMARTnet, TransPath, and Voice LAN are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, Discover All That's Possible, The Fastest Way to Increase Your Internet Quotient, and iQuick Study are service marks of Cisco Systems, Inc.; and Aironet, ASIST, BPX, Catalyst, CCDA, CCDP, CCIE, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, the Cisco IOS logo, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherSwitch, Fast Step, GigaStack, IOS, IP/TV, LightStream, MGX, MICA, the Networkers logo, Network Registrar, *Packet*, PIX, Post-Routing, Pre-Routing, RateMUX, Registrar, SlideCast, StrataView Plus, Stratm, SwitchProbe, TeleRouter, and VCO are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries.

All other trademarks mentioned in this document or Web site are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company.
(0203R) LW3369 6/02