

Cisco Catalyst 6500 Series MSFC Software Release 12.1(6)E



Software Release 12.1(6)E Hardware Features

Hardware Features	Hardware/Software Description
None	

Other Hardware supported

The system supports all cards already previously supported by Cisco® Catalyst Operating System (CatOS) on the Catalyst 6500 Family Supervisor Engine 1A.

Software Features

Software Feature	Description
Cisco IOS Firewall Feature Set	This feature brings stateful firewall support to the MSFC2. Stateful packet filtering is available for a large set of common multimedia applications. Denial-of-Service attacks and common SMTP and fragmentation attacks can be detected and prevented. Different types of audit trails and real-time alerts can be configured. TCP or UDP ports can be mapped to network services or applications. Users can be authenticated and authorized from inside or outside the firewall or network device using RADIUS or TACACS+.

All features currently supported by previous Cisco IOS Supervisor software releases are also supported in Cisco IOS Software Release 12.1(6)E.

Note: MSFC2 is required for the Cisco IOS Firewall feature set.

Note: Cisco CatOS Release 6.2 is required for the Cisco IOS Firewall feature set.



Orderable Software Images

The table below lists the software versions and applicable ordering information for the Catalyst 6500 Family MSFC software.

Caution: Always back up the switch configuration file before upgrading or downgrading the switch software to avoid losing all or part of the configuration stored in NVRAM. When downgrading switch software, you will lose your configuration. Use the **write network** command or the **copy config tftp** command to back up your configuration to a Trivial File Transfer Protocol (TFTP) server. Use the **copy config flash** command to back up the configuration to a Flash device.

Orderable Product Number	Description	Image
S6MSFC2AVH-12106E S6MSFC2AVH-12106E=	Catalyst 6000 MSFC2 Cisco IOS Enterprise firewall with Versatile Interface Processor (VIP) Spare	c6msfc2-jo3sv-mz.121-6.E
S6MSFC2ZVH-12106E S6MSFC2ZVH-12106E=	Catalyst 6000 MSFC2 Cisco IOS Service Provider firewall with VIP Spare	c6msfc2-po3sv-mz.121-6.E
S6MSFC2AK2-12106E S6MSFC2AK2-12106E=	Catalyst 6000 MSFC2 Cisco IOS Enterprise with VIP Secure Shell (SSH) Triple Data Encryption Standard (3DES), Software Release 12.1(6)E Spare	c6msfc2-jk2sv-mz.121-6.E
S6MSFC2AV-12106E S6MSFC2AV-12106E=	Catalyst 6000 MSFC2 Cisco IOS Enterprise with VIP, Software Release 12.1(6)E Spare	c6msfc2-jsv-mz.121-6.E
S6MSFC2BV-12106E S6MSFC2BV-12106E=	Catalyst 6000 MSFC2 Cisco IOS Desktop with VIP, Software Release 12.1(6)E Spare	c6msfc2-dsv-mz.121-6.E
S6MSFC2DV-12106E S6MSFC2DV-12106E=	Catalyst 6000 MSFC2 Cisco IOS IP/IPX with VIP, Software Release 12.1(6)E Spare	c6msfc2-dsv-mz.121-6.E
S6MSFC2ZK2-12106E S6MSFC2ZK2-12106E=	Catalyst 6000 MSFC2 Cisco IOS Service Provider with VIP SSH 3DES, Software Release 12.1(6)E Spare	c6msfc2-pk2sv-mz.121-6.E
S6MSFC2ZV-12106E S6MSFC2ZV-12106E=	Catalyst 6000 MSFC2 Cisco IOS Service Provider with VIP, Software Release 12.1(6)E Spare	c6msfc2-psv-mz.121-6.E
S6MSFCAK2-12106E S6MSFCAK2-12106E=	Catalyst 6000 MSFC Cisco IOS Enterprise with VIP SSH 3DES, Software Release 12.1(6)E Spare	c6msfc-jk2sv-mz.121-6.E
S6MSFCAV-12106E S6MSFCAV-12106E=	Catalyst 6000 MSFC Cisco IOS Enterprise with VIP, Software Release 12.1(6)E Spare	c6msfc-jsv-mz.121-6.E



Orderable Product Number	Description	Image
S6MSFCBV-12106E	Catalyst 6000 MSFC Cisco IOS Desktop with VIP, Software Release 12.1(6)E	c6msfc-dsv-mz.121-6.E
S6MSFCBV-12106E=	Spare	
S6MSFCDV-12106E	Catalyst 6000 MSFC Cisco IOS IP/IPX with VIP, Software Release 12.1(6)E	c6msfc-dsv-mz.121-6.E
S6MSFCDV-12106E=	Spare	
S6MSFCZK2-12106E	Catalyst 6000 MSFC Cisco IOS Service Provider with VIP SSH 3DES, Software Release 12.1(6)E	c6msfc-pk2sv-mz.121-6.E
S6MSFCZK2-12106E=	Spare	
S6MSFCZV-12106E	Catalyst 6000 MSFC2 Cisco IOS Service Provider with VIP, Software Release 12.1(6)E	c6msfc-psv-mz.121-6.E
S6MSFCZV-12106E=	Spare	

For more detailed information concerning this software release, refer to the Catalyst 6000 Family release notes at:

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

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