



## Cisco 12000/10720 Router Manager 3.1

Q. What is the Cisco® 12000/10720 Router Manager?

A. The Cisco 12000/10720 Router Manager is a graphical user interface (GUI)-based, carrier-class element management system (EMS) for managing the Cisco 12000 Series routers and the Cisco 10720 Router. This Cisco EMS provides a range of GUI features designed to increase network-operations productivity. With the ability to discover inventory in real time, this EMS quickens deployment of Cisco networking equipment and provides comprehensive element service assurance to solve network problems more quickly.

For more information, go to <http://cisco.com/en/US/products/sw/netmgtsw/ps156>.

Q. What is new in the Cisco 12000/10720 Router Manager 3.1 release?

A. Cisco 12000/10720 Router Manager 3.1 gives service providers carrier-grade management with detailed troubleshooting capability. This EMS supports Cisco router edge enhancement, following the release of the Cisco 12000 Series 4-port Gigabit Ethernet IP Services Engine (ISE) and the Cisco OC-12c/STM-4c ATM ISE cards. It also includes operations and management (OAM) features for troubleshooting of MPLS transport network problems, including support for the Cisco MPLS MIBs in Cisco IOS® Software Releases 12.0(24)S and 12.0(25)S.

Q. Can the Cisco 12000/10720 Router Manager be installed with other Cisco EMSs, such as the Cisco Catalyst® Switch Manager?

A. Yes, the Cisco 12000/10720 Router Manager 3.1 and Cisco Catalyst Switch Manager 3.0 can reside together on the same Cisco EMS server. The EMS can also co-reside with Cisco Access Router Manager 1.1 and Cisco Universal Gateway Manager 2.1.

Q. Can I integrate my operations support system (OSS) application with the Cisco 12000/10720 Router Manager?

A. Yes, the Cisco 12000/10720 Router Manager can be integrated with service-activation products when used in conjunction with the Common Object Request Broker Architecture (CORBA) gateway. In addition, alarm-management applications can be integrated using the Northbound Event Interface (NEI).

Q. What hardware is required to support the Cisco 12000/10720 Router Manager?

A. Cisco 12000/10720 Router Manager runs on Sun Microsystems UltraSPARC servers with the Solaris 8 operating environment installed. For server specifications, visit: [http://www.cisco.com/warp/public/756/partnership/sun/products/Cisco\\_RefModel\\_Descriptions\\_CEM.pdf](http://www.cisco.com/warp/public/756/partnership/sun/products/Cisco_RefModel_Descriptions_CEM.pdf)

Q. What hardware is supported by the Cisco 12000/10720 Router Manager?

A. All chassis types and most modules are supported by the Cisco 12000/10720 Router Manager. Please refer to the 3.1 release notes at [http://www.cisco.com/en/US/products/sw/netmgts/ps156/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/netmgts/ps156/prod_release_notes_list.html) for the most recent list of Cisco 12000 Series and Cisco 10720 hardware supported.

Q. What Cisco IOS Software releases are supported by the Cisco 12000/10720 Router Manager?

A. The following Cisco IOS Software releases are supported:

- Cisco IOS Software Release 12.0(21)ST1
- Cisco IOS Software Release 12.0(22)S- 12.0(25)S

Q. Does an evaluation version of the Cisco 12000/10720 Router Manager exist?

A. Yes, a trial version of the Cisco 12000/10720 Router Manager can be ordered from Cisco Systems® by ordering part number EMS-12K-KIT-D. See the ordering guide for further ordering information: [http://cisco.com/en/US/products/sw/netmgts/ps156/products\\_data\\_sheets\\_list.html](http://cisco.com/en/US/products/sw/netmgts/ps156/products_data_sheets_list.html)



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