



Embedded Event Manager Features Roadmap

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This feature roadmap lists the Embedded Event Manager features documented in the Embedded Event Manager section of the *Cisco IOS Network Management Configuration Guide* and maps them to the documents in which they appear. The roadmap is organized so that you can select your release train and see the features in that release. Find the feature name you are searching for and click on the URL in the “Where Documented” column to access the document containing that feature.

Feature and Release Support

Table 1 lists Embedded Event Manager feature support for the following Cisco IOS software release trains:

- [Cisco IOS Release 12.0S](#)
- [Cisco IOS Release 12.2S](#)
- [Cisco IOS Release 12.2SB](#)
- [Cisco IOS Release 12.2SR](#)
- [Cisco IOS Release 12.2SX](#)
- [Cisco IOS Releases 12.2T, 12.3, 12.3T, 12.4 and 12.4T](#)
- [Cisco IOS XE Release 2](#)

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS and Catalyst OS software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 1 lists only the Cisco IOS software release that introduced support for a given feature in a given Cisco IOS software release train. Unless noted otherwise, subsequent releases of that Cisco IOS software release train also support that feature.

Table 1 lists the most recent release of each software train first and the features in alphabetical order within the release.



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Table 1 Embedded Event Manager Features

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Release 12.0S			
12.0(26)S	Embedded Event Manager 1.0	EEM 1.0 introduced Embedded Event Manager applet creation with the SNMP and Syslog event detectors. EEM 1.0 also introduced the following actions: generating prioritized syslog messages, generating a CNS event for upstream processing by Cisco CNS devices, reloading the Cisco IOS software, and switching to a secondary processor in a fully redundant hardware configuration.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI
Cisco IOS Release 12.2S			
12.2(25)S	Embedded Event Manager 2.0	EEM 2.0 introduced the application-specific event detector, the counter event detector, the interface counter event detector, the timer event detector, and the IOSWDSysMon event detector. New actions include setting and modifying a named counter, publishing an application-specific event, and generating an SNMP trap. The ability to define environment variables and to run a sample EEM policy (included in the software) written using Tcl was introduced.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI
Cisco IOS Release 12.2SB			
12.2(33)SB	Embedded Event Manager 2.3	EEM 2.3 is supported in Cisco IOS Release 12.2(33)SXH and later releases for the Cisco Catalyst 6500 Series switches and introduces enhancements to the Generic Online Diagnostics (GOLD) Event Detector on that product.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.2(31)SB3	Embedded Event Manager 2.2	EEM 2.2 introduced the enhanced object tracking, resource, and RF event detectors. The actions of reading and setting the state of a tracked object were also introduced.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.2(28)SB	Embedded Event Manager 2.1	EEM 2.1 introduced some new event detectors and actions with new functionality to allow EEM policies to be run manually and the ability to run multiple concurrent policies. Support for Simple Network Management Protocol (SNMP) event detector rate-based events was provided as was the ability to create policies using Tool Command Language (Tcl).	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
Cisco IOS Release 12.2SR			

Table 1 Embedded Event Manager Features (continued)

Release	Feature Name	Feature Description	Where Documented
12.2(33)SRB	Embedded Event Manager 2.2	EEM 2.2 introduced the enhanced object tracking, resource, and RF event detectors. The actions of reading and setting the state of a tracked object were also introduced.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.2(33)SRA	Embedded Event Manager 2.1	EEM 2.1 introduced some new event detectors and actions with new functionality to allow EEM policies to be run manually and the ability to run multiple concurrent policies. Support for Simple Network Management Protocol (SNMP) event detector rate-based events was provided as was the ability to create policies using Tool Command Language (Tcl).	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
Cisco IOS Release 12.2SX			
12.2(33)SXH	Embedded Event Manager 2.3	EEM 2.3 is supported in Cisco IOS Release 12.2(33)SXH and later releases for the Cisco Catalyst 6500 Series switches and introduces enhancements to the Generic Online Diagnostics (GOLD) Event Detector on that product.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.2(18)SXF5	Embedded Event Manager 2.1	EEM 2.1 introduced some new event detectors and actions with new functionality to allow EEM policies to be run manually and the ability to run multiple concurrent policies. Support for Simple Network Management Protocol (SNMP) event detector rate-based events was provided as was the ability to create policies using Tool Command Language (Tcl).	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.2(18)SXF4 Cisco IOS Software Modularity images	Embedded Event Manager 2.1 (Software Modularity)	EEM 2.1 for Software Modularity images introduced the GOLD, system manager, and WDSysMon (Cisco IOS Software Modularity watchdog) event detectors, and the ability to display Cisco IOS Software Modularity processes and process metrics.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl

Table 1 Embedded Event Manager Features (continued)

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Releases 12.2T, 12.3, 12.3T, 12.4 and 12.4T			
12.4(20)T	Embedded Event Manager 2.4	EEM 2.4 is supported in Cisco IOS Release 12.4(20)T and later releases, and introduced several new features.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.4(2)T	Embedded Event Manager 2.2	EEM 2.2 introduced the enhanced object tracking, resource, and RF event detectors. The actions of reading and setting the state of a tracked object were also introduced.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.3(14)T	Embedded Event Manager 2.1	EEM 2.1 introduced some new event detectors and actions with new functionality to allow EEM policies to be run manually and the ability to run multiple concurrent policies. Support for Simple Network Management Protocol (SNMP) event detector rate-based events was provided as was the ability to create policies using Tool Command Language (Tcl).	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI Writing Embedded Event Manager Policies Using Tcl
12.3(4)T	Embedded Event Manager 1.0	EEM 1.0 introduced Embedded Event Manager applet creation with the SNMP and Syslog event detectors. EEM 1.0 also introduced the following actions: generating prioritized syslog messages, generating a CNS event for upstream processing by Cisco CNS devices, reloading the Cisco IOS software, and switching to a secondary processor in a fully redundant hardware configuration.	Embedded Event Manager Overview Writing Embedded Event Manager Policies Using the Cisco IOS CLI

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