



# IPv6 Embedded Management Components

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## Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see Bug Search Tool and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table at the end of this module.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to <https://cfnng.cisco.com/>. An account on Cisco.com is not required.

## Syslog

The Cisco system message logging (syslog) process in IPv6 allows users to log syslog messages to external syslog servers and hosts with IPv6 addresses. This implementation allows user to specify an IPv4-based logging host (syslog server) by providing the host's IP address in IPv4 format (for example, 192.168.0.0) or IPv6 format (for example, 2001:DB8:A00:1::1/64).

## Configuring Syslog over IPv6

### SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **logging host** *{{ip-address | hostname} | {ipv6 ipv6-address | hostname}}* [**transport** {**udp** [**port** *port-number*] | **tcp** [**port** *port-number*] [**audit**]}}] [**xml** | **filtered** [**stream** *stream-id*]] [**alarm** [*severity*]]

## DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>enable</b> <b>Example:</b> Device> enable	Enables privileged EXEC mode. <ul style="list-style-type: none"> <li>• Enter your password if prompted.</li> </ul>
<b>Step 2</b>	<b>configure terminal</b> <b>Example:</b> Device# configure terminal	Enters global configuration mode.
<b>Step 3</b>	<b>logging host</b> <i>{{ip-address   hostname}   {ipv6 ipv6-address   hostname}}</i> <b>[transport {udp [port port-number]   tcp [port port-number] [audit]}]</b> <b>[xml   filtered [stream stream-id]] [alarm [severity]]</b> <b>Example:</b> Device(config)# logging host ipv6 AAAA:BBBB:CCCC:DDDD::FFFF	Logs system messages and debug output to a remote host.

## Example: Configuring Syslog over IPv6

```
Device(config)# logging host ipv6 AAAA:BBBB:CCCC:DDDD::FFFF transport tcp port 1470
```