



# IPv6 Embedded Management Components

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## 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

### Procedure

	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}}</i>   <b>ipv6</b> <i>ipv6-address   hostname}}</i> [ <b>transport</b> <b>{udp</b> [ <b>port</b> <i>port-number</i> ]   <b>tcp</b> [ <b>port</b> <i>port-number</i> ] [ <b>audit</b> ]}] [ <b>xml</b>   <b>filtered</b> [ <b>stream</b> <i>stream-id</i> ]] [ <b>alarm</b> [ <i>severity</i> ]] <b>Example:</b>	Logs system messages and debug output to a remote host.

	Command or Action	Purpose
	Device(config)# logging host ipv6 AAAA:BBBB:CCCC:DDDD::FFFF	

## Example: Configuring Syslog over IPv6

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