



# IPv6 Multicast: Explicit Tracking of Receivers

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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 [www.cisco.com/go/cfn](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

## Information About IPv6 Multicast Explicit Tracking of Receivers

### Explicit Tracking of Receivers

The explicit tracking feature allows a device to track the behavior of the hosts within its IPv6 network. This feature also enables the fast leave mechanism to be used with MLD version 2 host reports.

# How to Configure IPv6 Multicast Explicit Tracking of Receivers

## Configuring Explicit Tracking of Receivers to Track Host Behavior

### SUMMARY STEPS

1. `enable`
2. `configure terminal`
3. `interface type number`
4. `ipv6 mld explicit-tracking access-list-name`

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<p><code>enable</code></p> <p><b>Example:</b></p> <pre>Device&gt; enable</pre>	<p>Enables privileged EXEC mode.</p> <ul style="list-style-type: none"> <li>• Enter your password if prompted.</li> </ul>
<b>Step 2</b>	<p><code>configure terminal</code></p> <p><b>Example:</b></p> <pre>Device# configure terminal</pre>	<p>Enters global configuration mode.</p>
<b>Step 3</b>	<p><code>interface type number</code></p> <p><b>Example:</b></p> <pre>Device(config)# interface FastEthernet 1/0</pre>	<p>Specifies an interface type and number, and places the device in interface configuration mode.</p>
<b>Step 4</b>	<p><code>ipv6 mld explicit-tracking access-list-name</code></p> <p><b>Example:</b></p> <pre>Device(config-if)# ipv6 mld explicit-tracking list1</pre>	<p>Enables explicit tracking of hosts.</p>

# Configuration Examples for IPv6 Multicast Explicit Tracking of Receivers

## Example: Configuring Explicit Tracking of Receivers

```
Device> enable
Device# configure terminal
Device(config)# interface FastEthernet 1/0
Device(config-if)# ipv6 mld explicit-tracking list1
```

## Additional References

### Related Documents

Related Topic	Document Title
IPv6 addressing and connectivity	<i>IPv6 Configuration Guide</i>
Cisco IOS commands	<a href="#">Cisco IOS Master Commands List, All Releases</a>
IP multicast commands	<a href="#">Cisco IOS IP Multicast Command Reference</a>
IPv6 commands	<a href="#">Cisco IOS IPv6 Command Reference</a>
Cisco IOS IPv6 features	<a href="#">Cisco IOS IPv6 Feature Mapping</a>

### Standards and RFCs

Standard/RFC	Title
RFCs for IPv6	<i>IPv6 RFCs</i>

### MIBs

MIB	MIBs Link
	To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL: <a href="http://www.cisco.com/go/mibs">http://www.cisco.com/go/mibs</a>

**Technical Assistance**

Description	Link
The Cisco Support and Documentation website provides online resources to download documentation, software, and tools. Use these resources to install and configure the software and to troubleshoot and resolve technical issues with Cisco products and technologies. Access to most tools on the Cisco Support and Documentation website requires a Cisco.com user ID and password.	<a href="http://www.cisco.com/cisco/web/support/index.html">http://www.cisco.com/cisco/web/support/index.html</a>

## Feature Information for IPv6 Multicast: Explicit Tracking of Receivers

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to [www.cisco.com/go/cfn](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

**Table 1: Feature Information for IPv6 Multicast: Explicit Tracking of Receivers**

Feature Name	Releases	Feature Information
IPv6 Multicast: Explicit Tracking of Receivers	12.2(25)S 12.2(25)SG 12.2(33)SRA 12.2(33)SXH 12.3(7)T 12.4 12.4(2)T Cisco IOS XE Release 2.1 15.0(1)S	This feature allows a devicer to track the behavior of the hosts within its IPv6 network.  The following command was introduced: <b>ipv6 mld explicit-tracking</b> .