



Configuring the IP Static Route Adjustment Interval

The **ip route static adjust-time** command allows you to configure the IP static route adjustment timer to any interval from 1 to 60 seconds. The benefit of reducing the timer from the 60-second default value is to increase the convergence when static routes are used. However, reducing the interval can be CPU-intensive if the value is set very low and you have a large number of static routes configured.

Feature History for the Configuring the IP Static Route Adjustment Interval Feature

Release	Modification
12.0(29)S	This feature was introduced.

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Corporate Headquarters:

Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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Additional References

The following sections provide references related to the Configuring the IP Static Route Adjustment Interval feature.

Related Documents

Related Topic	Document Title
Configuring static routes	Cisco IOS IP Configuration Guide , Release 12.3
IP commands including descriptions, syntax, and usage guidelines	Cisco IOS IP Command Reference , Volume 2 of 4: Routing Protocols, Release 12.3 T

MIBs

MIBs	MIBs Link
No new or modified MIBs are supported by this feature, and support for existing MIBs has not been modified by this feature.	To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL: http://www.cisco.com/go/mibs

Technical Assistance

Description	Link
Technical Assistance Center (TAC) home page, containing 30,000 pages of searchable technical content, including links to products, technologies, solutions, technical tips, and tools. Registered Cisco.com users can log in from this page to access even more content.	http://www.cisco.com/public/support/tac/home.shtml

Command Reference

This section documents the new [ip route static adjust-time](#) command.

ip route static adjust-time

To change the time interval for IP static route adjustments during convergence, use the **ip route static adjust-time** command in global configuration mode. To reinstate the default adjustment time of 60 seconds, use the **no** form of this command.

ip route static adjust-time *seconds*

no ip route static adjust-time *seconds*

Syntax Description

<i>seconds</i>	Time of delay, in seconds, for convergence time during which the background process that monitors next-hop reachability is performed. The delay in convergence occurs when the route that covers the next-hop is removed. The range is from 1 to 60. The default is 60.
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Defaults

seconds: 60

Command Modes

Global configuration

Command History

Release	Modification
12.0(29)S	This command was introduced.

Usage Guidelines

By default, static route adjustments are made every 60 seconds. To adjust the timer to any interval from 1 to 60 seconds, enter the **ip route static adjust-time** command.

The benefit of reducing the timer from the 60 second default value is to increase the convergence when static routes are used. However, reducing the interval can be CPU intensive if the value is set very low and you have a large number of static routes configured.

Examples

In the following example, the adjustment time for static routes has been changed from the default 60 seconds to 30 seconds:

```
Router(config)# ip route static adjust-time 30
```

To remove the 30-second adjust time interval and reinstate the default 60-second value, enter the **no ip static adjust-time** command:

```
Router(config)# no ip route static adjust-time 30
```

Related Commands

Command	Description
show ip route	Displays the current state of the routing table.

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