

hop-limit

Syntax hop-limit *number*;

Hierarchy Level [edit logical-systems *logical-system-name* protocols mpls],
[edit logical-systems *logical-system-name* protocols mpls label-switched-path *lsp-name*],
[edit logical-systems *logical-system-name* protocols mpls label-switched-path *lsp-name*
fast-reroute],
[edit logical-systems *logical-system-name* protocols mpls label-switched-path *lsp-name*
(primary | secondary) *path-name*],
[edit protocols mpls],
[edit protocols mpls label-switched-path *lsp-name*],
[edit protocols mpls label-switched-path *lsp-name* fast-reroute],
[edit protocols mpls label-switched-path *lsp-name* (primary | secondary) *path-name*]

Release Information Statement introduced before JUNOS Release 7.4.

Description For an LSP, specify the maximum number of routers that the LSP can traverse, including the ingress and egress routers.

For fast reroute, how many more routers a detour is allowed to traverse compared with the LSP itself. For example, if an LSP traverses 4 routers, any detour for the LSP can be no more than 10 router hops, including the ingress and egress routers.

Options *number*—Maximum number of hops.

Range: 2 through 255 (for an LSP); 0 through 255 (for fast reroute)

Default: 255 (for an LSP); 6 (for fast reroute)

Required Privilege Level routing—To view this statement in the configuration.
routing-control—To add this statement to the configuration.

- Related Topics**
- Configuring Fast Reroute
 - Limiting the Number of Hops in LSPs

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