

MPLS ACL Commands

This module describes the commands used to configure the access control list (ACL) for MPLS.

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mpls access-list

To define an MPLS access list, use the **mpls access-list** command in XR Config mode. To remove all entries in an MPLS access list, use the **no** form of this command.

mpls access-list *acl_name*

Syntax Description

acl_name	Name of the access list. Names cannot contain a space or quotation marks.

Command Default

None

Command Modes

XR Config mode

Command History

Release	Modification
Release 24.4.1	This command was introduced.

Usage Guidelines

The **mpls access-list** configuration places the router in the access list configuration mode.

To enable the router to permit the access conditions, use the **permit** command. Use the **deny** command so that the router disallows the access conditions.

The MPLS access list need not be applied to an interface as the **mpls access-list** configuration is used only for monitoring the ingress MPLS packets.

The maximum number of supported port ranges for MPLS must not exceed 23. Port range exceeding 23 results in invalid configuration and reports an OOR (out-of-resource) error condition.

Task ID

Task ID	Operations
acl	read, write
mpls-ldp	read, write
mpls-static	read, write
mpls-te	read, write

Examples

This example shows how to define an MPLS access list.

```
Router(config)# mpls access-list mp
Router(config-mpls-acl)# 10 permit label1 2000  label1 3000  label3 4000  exp1 5 exp2 5
exp3 7
Router(config-mpls-acl)# exit
Router(config)# commit
```