



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	<i>acl_name</i> Name of the access list. Names cannot contain a space or quotation marks.
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Command Default	None
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Command Modes	XR Config mode
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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
```