

## protocol (Rewrite Rules)

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<b>Syntax</b>	<code>protocol protocol-types;</code>
<b>Hierarchy Level</b>	[edit class-of-service interfaces <i>interface-name</i> unit <i>logical-unit-number</i> rewrite-rules exp <i>rewrite-name</i> ], [edit class-of-service interfaces <i>interface-name</i> unit <i>logical-unit-number</i> rewrite-rules dscp <i>rewrite-name</i> ], [edit class-of-service interfaces <i>interface-name</i> unit <i>logical-unit-number</i> rewrite-rules inet-prec <i>rewrite-name</i> ]
<b>Release Information</b>	Statement introduced before JUNOS Release 7.4. Option for <code>dscp</code> and <code>inet-prec</code> introduced in JUNOS Release 8.4.
<b>Description</b>	Apply a rewrite rule to MPLS packets only, and write the CoS value to MPLS headers only; or apply a rewrite rule to MPLS and IPv4 packets, and write the CoS value to MPLS and IPv4 headers.
<b>Options</b>	<i>protocol-types</i> can be one of the following: <ul style="list-style-type: none"><li>■ <code>mpls</code>—Apply a rewrite rule to MPLS packets and write the CoS value to MPLS headers.</li><li>■ <code>mpls-inet-both</code>—Apply a rewrite rule to VPN MPLS packets with IPv4 payloads. On M120, M320, MX Series, and T Series routers, write the CoS value to the MPLS and IPv4 headers. On M Series routers, initialize all ingress MPLS LSP packets with IPv4 payloads with 000 code points for the MPLS EXP value, and the configured rewrite code point for IP precedence.</li><li>■ <code>mpls-inet-both-non-vpn</code>—Apply a rewrite rule to non-VPN MPLS packets with IPv4 payloads. On M120, M320, MX Series, and T Series routers, write the CoS value to the MPLS and IPv4 headers. On M Series routers, initialize all ingress MPLS LSP packets with IPv4 payloads with 000 code points for the MPLS EXP value, and the configured rewrite code point for IP precedence.</li></ul>
<b>Usage Guidelines</b>	See Rewriting MPLS and IPv4 Packet Headers.
<b>Required Privilege Level</b>	<code>interface</code> —To view this statement in the configuration. <code>interface-control</code> —To add this statement to the configuration.

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