

## layer2-policer

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<b>Syntax</b>	layer2-policer { input-policer <i>policer-name</i> ; input-three-color <i>policer-name</i> ; output-policer <i>policer-name</i> ; output-three-color <i>policer-name</i> ; }
<b>Hierarchy Level</b>	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> ], [edit logical-systems <i>logical-system-name</i> interfaces <i>interface-name</i> unit <i>logical-unit-number</i> ]
<b>Release Information</b>	Statement introduced in JUNOS Release 8.2.
<b>Description</b>	<p>For 1-Gigabit Ethernet and 10-Gigabit Ethernet IQ2 and IQ2-E interfaces on M-series and T-series routing platforms, apply Layer 2 logical interface policers. The following policers are supported:</p> <ul style="list-style-type: none"><li>■ Two-color</li><li>■ Single-rate tricolor marking (srTCM)</li><li>■ Two-rate tricolor marking (trTCM)</li></ul> <p>Two-color and tricolor policers are configured at the [edit firewall] hierarchy level.</p>
<b>Options</b>	<p><b>input-policer <i>policer-name</i></b>—Two-color input policer to associate with the interface. This statement is mutually exclusive with the <b>input-three-color</b> statement.</p> <p><b>input-three-color <i>policer-name</i></b>—Tricolor input policer to associate with the interface. This statement is mutually exclusive with the <b>input-policer</b> statement.</p> <p><b>output-policer <i>policer-name</i></b>—Two-color output policer to associate with the interface. This statement is mutually exclusive with the <b>output-three-color</b> statement.</p> <p><b>output-three-color <i>policer-name</i></b>—Tricolor output policer to associate with the interface. This statement is mutually exclusive with the <b>output-policer</b> statement.</p>
<b>Usage Guidelines</b>	See Configuring Gigabit Ethernet Two-Color and Tricolor Policers.
<b>Required Privilege Level</b>	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
<b>Related Topics</b>	<i>JUNOS Class of Service Configuration Guide, JUNOS Policy Framework Configuration Guide</i>

