

## forward-delay

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<b>Syntax</b>	forward-delay <i>seconds</i> ;
<b>Hierarchy Level</b>	[edit protocols mstp], [edit protocols rstp], [edit protocols stp], [edit protocols vstp vlan <i>vlan-id</i> ]
<b>Release Information</b>	Statement introduced in JUNOS Release 9.0 for EX-series switches. Statement updated in JUNOS Release 9.4 for EX-series switches to add VSTP support.
<b>Description</b>	For Spanning Tree Protocol (STP), Rapid Spanning Tree Protocol (RSTP), VLAN Spanning Tree Protocol (VSTP), or Multiple Spanning Tree Protocol (MSTP), specify how long a bridge interface remains in the listening and learning states before transitioning to the forwarding state.
<b>Default</b>	15 seconds
<b>Options</b>	<i>seconds</i> —Number of seconds the bridge interface remains in the listening and learning states. <b>Range:</b> 4 through 30 seconds <b>Default:</b> 15 seconds
<b>Required Privilege Level</b>	routing—To view this statement in the configuration. routing-control—To add this statement to the configuration.
<b>Related Topics</b>	<ul style="list-style-type: none"><li>■ show spanning-tree bridge</li><li>■ show spanning-tree interface</li><li>■ Example: Configuring Network Regions for VLANs with MSTP on EX-series Switches</li><li>■ Example: Configuring Faster Convergence and Improving Network Stability with RSTP on EX-series Switches</li><li>■ Understanding MSTP for EX-series Switches</li><li>■ Understanding STP for EX-series Switches</li><li>■ Understanding VSTP for EX-series Switches</li></ul>

