

## spf-options

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<b>Syntax</b>	<pre>spf-options {   delay <i>milliseconds</i>;   holddown <i>milliseconds</i>;   rapid-runs <i>number</i>; }</pre>
<b>Hierarchy Level</b>	[edit logical-systems <i>logical-system-name</i> protocols isis], [edit logical-systems <i>logical-system-name</i> routing-instances <i>routing-instance-name</i> protocols isis], [edit protocols isis], [edit routing-instances <i>routing-instance-name</i> protocols isis]
<b>Release Information</b>	Statement introduced in JUNOS Release 8.5. Statement introduced in JUNOS Release 9.0 for EX Series switches.
<b>Description</b>	Configure options for running the shortest-path-first (SPF) algorithm. You can configure a delay for when to run the SPF algorithm after a network topology change is detected, the maximum number of times the SPF algorithm can run in succession, and a holddown interval after SPF algorithm runs the maximum number of times.
<b>Options</b>	<p><i>delay milliseconds</i>—Time interval between the detection of a topology change and when the SPF algorithm runs. <b>Range:</b> 50 through 1000 milliseconds <b>Default:</b> 200 milliseconds</p> <p><i>holddown milliseconds</i>—Time interval to hold down, or wait before a subsequent SPF algorithm runs after the SPF algorithm has run the configured maximum number of times in succession. <b>Range:</b> 2000 through 10,000 milliseconds <b>Default:</b> 5000 milliseconds</p> <p><i>rapid-runs number</i>—Maximum number of times the SPF algorithm can run in succession. After the maximum is reached, the holddown interval begins. <b>Range:</b> 1 through 5 <b>Default:</b> 3</p>
<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>	■ <a href="#">Configuring SPF Options for IS-IS</a>