

## Configuring an OSPF Network (J-Web Procedure)

J-Web Configuration allows you to create single-area OSPF networks.

To configure a single-area OSPF network:

1. In the J-Web user interface, select **Configure > Routing > OSPF Routing**.
2. Enter information into the Configuration Routing page for OSPF, as described in Table 1 on page 1.
3. To apply the configuration, click **Apply**.

**Table 1: OSPF Routing Configuration Summary**

Field	Function	Your Action
<b>Router Identification</b>		
Router Identifier (required)	Uniquely identifies the device.	Type the switch's 32-bit IP address, in dotted decimal notation.
<b>OSPF</b>		
Enable OSPF	Enables or disables OSPF.	<ul style="list-style-type: none"> <li>■ To enable OSPF, select the check box.</li> <li>■ To disable OSPF, clear the check box.</li> </ul>
OSPF Area ID	Uniquely identifies the area within its AS.	Type a 32-bit numeric identifier for the area, or type an integer.  If you enter an integer, the value is converted to a 32-bit equivalent. For example, if you enter 3, the value assigned to the area is 0.0.0.3.
Area Type	Designates the type of OSPF area.	Select the type of OSPF area you are creating from the list : <ul style="list-style-type: none"> <li>■ <b>regular</b>—A regular OSPF area, including the backbone area</li> <li>■ <b>stub</b>—A stub area</li> <li>■ <b>nssa</b>—A not-so-stubby area (NSSA)</li> </ul>
OSPF-Enabled Interfaces	Designates one or more interfaces on which OSPF is enabled.	The first time you configure OSPF, the Logical Interfaces box displays a list of all the logical interfaces configured on the switch. Do any of: <ul style="list-style-type: none"> <li>■ To enable OSPF on an interface, click the interface name to highlight it, and click the left arrow to add the interface to the OSPF interfaces list.</li> <li>■ To enable OSPF on multiple interfaces at once, press <b>Ctrl</b> while you click multiple interface names to highlight them. Then click the left arrow to add the interfaces to the OSPF interfaces list.</li> <li>■ To enable OSPF on all logical interfaces except the special <b>me0</b> management interface, select <b>All Interfaces</b> in the Logical Interfaces list and click the left arrow.</li> <li>■ To enable OSPF on all the interfaces displayed in the Logical Interfaces list, click <b>All</b> to highlight every interface. Then click the left arrow to add the interfaces to the OSPF interfaces list.</li> <li>■ To disable OSPF on one or more interfaces, highlight the interface or interfaces in the OSPF interfaces box and click the right arrow to move them back to the Logical Interfaces list.</li> </ul>

**Related Topics** ■ [Monitoring OSPF Routing Information](#)

