

## Configuring VLANs for EX Series Switches (J-Web Procedure)

You can use the VLAN configuration page to add a new VLAN or to edit or delete an existing VLAN.

To access the VLAN configuration page:

1. From the **Configure** menu, select **Switching > VLAN**.

The VLAN configuration page displays a list of existing VLANs. If you select a specific VLAN, the specific VLAN details are displayed in the Details section.

2. Click one:
  - **Add**—creates a VLAN.
  - **Edit**—edits an existing VLAN configuration.
  - **Delete**—deletes an existing VLAN.



**NOTE:** If you delete a VLAN, the VLAN configuration for all the associated interfaces is also deleted.

When you are adding or editing a VLAN, enter information as described in Table 1.

**Table 1: VLAN Configuration Details**

Field	Function	Your Action
<b>General tab</b>		
VLAN Name	Specifies a unique name for the VLAN.	Enter a name.
VLAN Id/Range	Specifies the identifier or range for the VLAN.	Select one: <ul style="list-style-type: none"><li>■ <b>VLAN ID</b>—Type a unique identification number from <b>1</b> through <b>4094</b>. If no value is specified, it defaults to <b>0</b>.</li><li>■ <b>VLAN Range</b>—Type a number range to create VLANs with IDs corresponding to the range. For example, the range <b>2–3</b> will create two VLANs with the IDs <b>2</b> and <b>3</b>.</li></ul>
Description	Describes the VLAN.	Enter a brief description for the VLAN.
MAC-Table-Aging-Time	Specifies the maximum time that an entry can remain in the forwarding table before it 'ages out'.	Type the number of seconds from <b>60</b> through <b>1000000</b> .
Input filter	Specifies the VLAN firewall filter that is applied to incoming packets.	To apply an input firewall filter, select the firewall filter from the list.

**Table 1: VLAN Configuration Details** *(continued)*

Field	Function	Your Action
Output filter	Specifies the VLAN firewall filter that is applied to outgoing packets.	To apply an output firewall filter, select the firewall filter from the list.
<b>Ports tab</b>		
Ports	Specifies the ports (interfaces) to be associated with this VLAN for data traffic. You can also remove the port association.	<p>Click one:</p> <ul style="list-style-type: none"> <li>■ <b>Add</b>—Select the ports from the available list.</li> <li>■ <b>Remove</b>—Select the port that you do not want associated with the VLAN.</li> </ul>
<b>IP address tab</b>		
IPv4 address	Specifies IPv4 address options for the VLAN.	<p>Select <b>IPv4 address</b> to enable the IPv4 address options.</p> <p>To configure IPv4:</p> <ol style="list-style-type: none"> <li>1. Enter the IP address.</li> <li>2. Enter the subnet mask—for example, 255.255.255.0. You can also specify the address prefix.</li> <li>3. To apply an input firewall filter to an interface, select the firewall filter from the list.</li> <li>4. To apply an output firewall filter to an interface, select the firewall filter from the list.</li> <li>5. Click the <b>ARP/MAC Details</b> button. Enter the static IP address and MAC address in the window that is displayed.</li> </ol>
IPv6 address	Specifies IPv6 address options for the VLAN.	<p>Select <b>IPv6 address</b> to enable the IPv6 address options.</p> <p>To configure IPv6:</p> <ol style="list-style-type: none"> <li>1. Enter the IP address—for example: 2001:ab8:85a3::8a2e:370:7334.</li> <li>2. Specify the subnet mask.</li> </ol>
<b>Voip tab</b>		
Ports	Specifies the ports to be associated with this VLAN for voice traffic. You can also remove the port association.	<p>Click one:</p> <ul style="list-style-type: none"> <li>■ <b>Add</b>—Select the ports from the available list.</li> <li>■ <b>Remove</b>—Select the port that you do not want associated with the VLAN.</li> </ul>
<p><b>Related Topics</b></p> <ul style="list-style-type: none"> <li>■ Configuring VLANs for EX Series Switches (CLI Procedure)</li> <li>■ Example: Setting Up Basic Bridging and a VLAN for an EX Series Switch</li> </ul>		

- Understanding Bridging and VLANs on EX Series Switches
- Configuring Routed VLAN Interfaces (CLI Procedure)

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