

## Configuring Link Aggregation (J-Web Procedure)

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Use the link aggregation feature to aggregate one or more links to form a virtual link or aggregation group. The MAC client can treat this virtual link as if it were a single link. Link aggregation increases bandwidth, provides graceful degradation as failure occurs, and increases availability.



**NOTE:** Interfaces that are already configured with MTU, speed, duplex, auto-negotiation, flow-control, and logical interfaces are not available for aggregation.

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To configure link aggregation:

1. From the Configure menu, select **Interfaces > Link Aggregation**.

The Aggregated Interfaces list is displayed.

2. Click one:

- **Add**—Creates an aggregated interface.

Add a description for the aggregation. Click >> or << to move interfaces between the Available Interfaces and Member Interfaces columns. Click **Activate Aggregated Link** to activate the link.

- **Edit > Edit Aggregation**—Modifies an existing aggregation.
- **Edit > VLAN Options**—Specifies VLAN options for the aggregation. See Table 1 on page 2 for details on the options.
- **Delete**—Deletes an aggregation.
- **Enable Port/Disable Port** —Enables or disables the administrative status on the selected port.

**Table 1: VLAN Options**

Field	Function	Your Action
Port Mode	Specifies the mode of operation for the port: trunk or access.	<p>If you select <b>Trunk</b>, you can:</p> <ol style="list-style-type: none"><li>1. Click <b>Add</b> to add a VLAN member.</li><li>2. Select the VLAN and click <b>OK</b>.</li><li>3. (Optional) Associate a native VLAN with the port.</li></ol> <p>If you select <b>Access</b>, you can:</p> <ol style="list-style-type: none"><li>1. Select the VLAN member to be associated with the port.</li><li>2. (Optional) Associate a VoIP VLAN with the interface. Only a VLAN with a VLAN ID can be associated as a VoIP VLAN.</li><li>3. Click <b>OK</b>.</li></ol>

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- Related Topics**
- Configuring Aggregated Ethernet Interfaces (CLI Procedure)
  - Verifying the Status of a LAG Interface
  - Understanding Aggregated Ethernet Interfaces and LACP
  - Example: Configuring Aggregated Ethernet High-Speed Uplinks Between a Virtual Chassis Access Switch and a Virtual Chassis Distribution Switch
  - Example: Configuring Aggregated Ethernet High-Speed Uplinks with LACP Between a Virtual Chassis Access Switch and a Virtual Chassis Distribution Switch