



CHAPTER 6

Configuring HWIC-D-9ESW Interfaces

This chapter provides instructions for configuring interfaces on the HWIC-D-9ESW card. Follow these steps to configure a pair of ports on two different switch modules as stacking partners.

	Command or Action	Purpose
Step 1	enable Example: Router> enable	Enables privileged EXEC mode. <ul style="list-style-type: none">• Enter your password if prompted.
Step 2	configure terminal Example: Router# configure terminal	Enters global configuration mode.
Step 3	interface fastethernet <i>interface-id</i> Example: Router(config)# interface fastethernet 0/3/1	Specifies the port to configure and enters interface configuration mode. <ul style="list-style-type: none">• Enter the interface number.
Step 4	no shutdown Example: Router(config-if)# no shutdown	Activates the interface. <ul style="list-style-type: none">• This step is required only if you shut down the interface.
Step 5	switchport stacking-partner interface fastethernet <i>partner-interface-id</i> Example: Router(config-if)# switchport stacking-partner interface FastEthernet partner-interface-id	Selects and configures the stacking partner port. <ul style="list-style-type: none">• Enter the partner interface number.• To restore the defaults, use the no form of this command.
Step 6	exit Example: Router(config-if)# exit	Returns to privileged configuration mode.

	Command or Action	Purpose
Step 7	<pre>interface gigabitethernet partner-interface-id</pre> <p>Example: Router# <code>interface gigabitethernet 0/3/1</code></p>	<p>Specifies the partner-interface, and enters interface configuration mode.</p> <ul style="list-style-type: none"> Enter the partner interface number. <p>Note When you configure the FastEthernet port as a stacking partner, the corresponding GigabitEthernet interface is automatically configured as a stacking partner.</p>
Step 8	<pre>no shutdown</pre> <p>Example: Router(config-if)# <code>no shutdown</code></p>	<p>Activates the stacking partner interface.</p>
Step 9	<pre>end</pre> <p>Example: Router(config-if)# <code>end</code></p>	<p>Exits configuration mode.</p>

When you have completed the configuration, connect a crossover Ethernet cable from FastEthernet port 8 of the HWIC-D-9ESW card to the GigabitEthernet port that you want to use as a stacking partner.

For more information about how to configure other features on the HWIC-D-9ESW card, see [Chapter 5, “Configuring Layer 2 Interfaces.”](#)

**Note**

Both stacking partner ports must have their **speed** and **duplex** parameters set to **auto**.

**Caution**

If stacking is removed, stacked interfaces will go to **shutdown** state. Other nonstacked ports will be left unchanged.

**Note**

For more detailed instructions on how to connect cables, see the *Cisco MWR 2941-DC Mobile Wireless Edge Router Hardware Installation Guide*.