



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. • 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. • Enter the interface number.
Step 4	no shutdown Example: Router(config-if)# no shutdown	Activates the interface. • 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 <i>partner-interface-id</i>	Selects and configures the stacking partner port. • 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	interface gigabitethernet <i>partner-interface-id</i> Example: Router# interface gigabitethernet 0/3/1	Specifies the partner-interface, and enters interface configuration mode. Enter the partner interface number. Note When you configure the FastEthernet port as a stacking partner, the corresponding GigabitEthernet interface is automatically configured as a stacking partner.
Step 8	no shutdown Example: Router(config-if)# no shutdown	Activates the stacking partner interface.
Step 9	end Example: Router(config-if)# end	Exits configuration mode.

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*.