



REVIEW DRAFT - CISCO CONFIDENTIAL

CHAPTER 8

Installing Interface Cards in Cisco 1900 Series Routers

This section gets merged with Installing Cisco Interface Cards in Cisco Access Routers
http://www.cisco.com/en/US/docs/routers/access/interfaces/ic/hardware/installation/guide/inst_ic.html

Cisco Interface Cards Installation

See the individual interface card installation guides on [Cisco.com](http://www.cisco.com) to install specific interface cards in chassis slots. Interface cards supported by the Cisco 1941 integrated services routers include the following types:


- VWIC—data mode only
 - WAN interface cards (WICs)
 - High-speed WAN interface cards (HWICs)
 - Enhanced High-speed WAN interface cards (EHWICs)

Related Product Documentation

with your product, but you can access them on Cisco.com.

- *[Cisco Network Module and Interface Cards Regulatory Compliance and Safety Information](#)*


Installing WICs, VWICs, HWICs, and EHWICs

 **Caution** Do not connect a WAN cable to an interface card until you have completed its installation procedure.

The Cisco 1941 router has two interface card slots. Each slot can accommodate a Cisco WIC, VWIC (data only mode), or a single-wide high-speed WIC (HWIC).

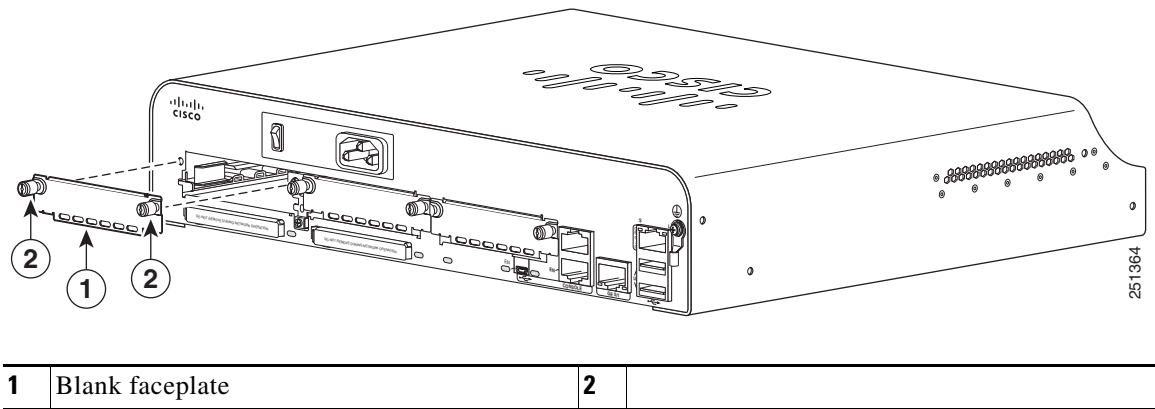
 **Note**

Step 1 Make sure that the router is turned off and is disconnected from power.

 Power must be removed from the system prior to installing or removing interface cards to avoid damaging them. When interface cards are pushed into or pulled out of a router that is powered up, there is a strong possibility that they could be damaged electrically and would no longer function.

Step 2 Loosen the thumbscrews on the interface card blank faceplate on the back panel, as shown in [Figure 8-1](#). You should be able to loosen the screws using your fingers; however, if the screws are very tight, you might need to use a Phillips screwdriver.

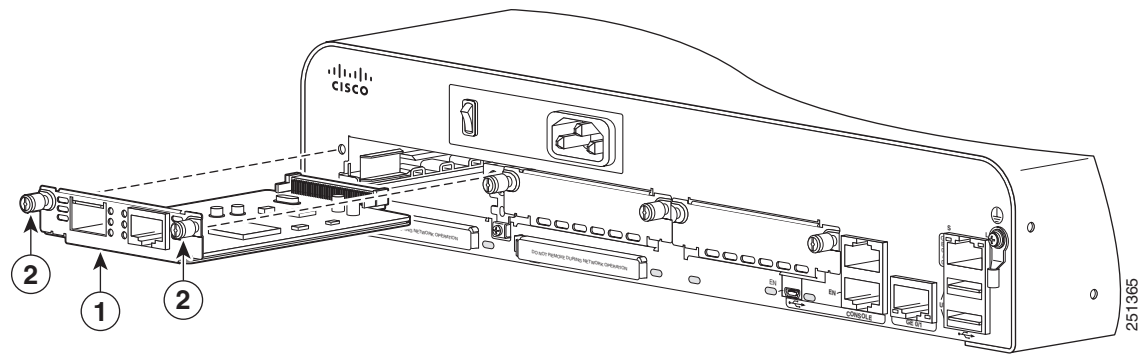
Figure 8-1 Removing an Interface Card Blank Faceplate



Step 3

Step 4

[Figure 8-2.](#)

Figure 8-2 Inserting an Interface Card into the Router

| | | | |
|---|----------------|---|---------------------------|
| 1 | Interface card | 2 | Interface card screws (2) |
|---|----------------|---|---------------------------|

Step 5**Step 6**

Installing and Removing Slot Dividers

Removing Slot Dividers from HWIC Slots on Cisco 1900 Series Routers

**Note**

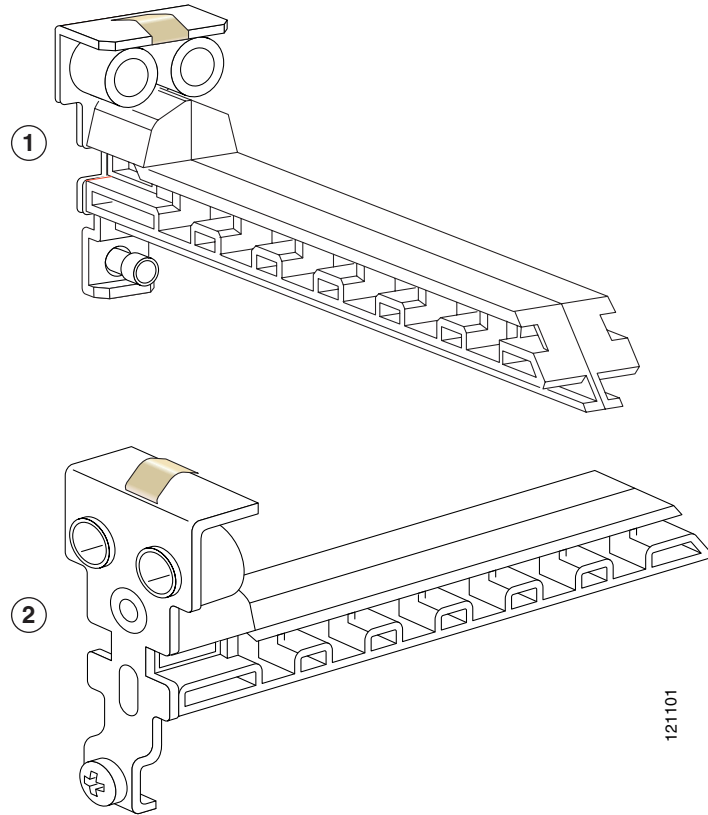
To remove slot dividers from EHWIC slots on Cisco 1900 series routers, follow these steps:

- Step 1** Loosen the retention screw on the slot divider. See [Figure 8-5](#).
Pull the slot divider straight out of the EHWIC slot.

Installing Slot Dividers in EHWIC Slots on Cisco 1900 Series Routers

[Figure 8-3](#) shows the EHWIC slot divider for Cisco 1900 series routers.

Figure 8-3 **Slot Divider for EHWIC Slots on Cisco 1900 Series Routers**



Guide the slot divider between the two rails in the bottom of the EHWIC slot. Push the slot divider in until it is fully seated. When the slot divider is fully seated, its outer end is flush with the front panel of the router. See [Figure 8-4](#).

Figure 8-4 *Inserting a Slot Divider into an EHWIC Slot on Cisco 1900 Series Routers*

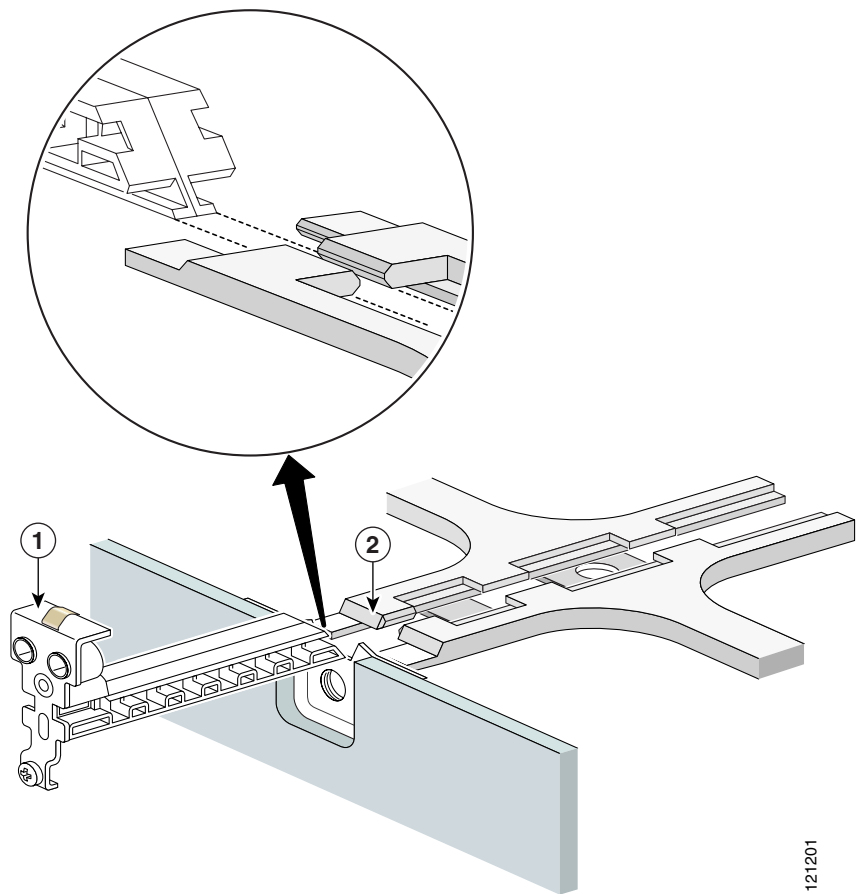


Figure 8-5 *Slot Divider Installed in an HWIC Slot on Cisco 1900 Series Routers*

