



Overview of Chassis Installation Steps

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The following table lists the steps to install the chassis component and prepare the Cisco CRS 8-Slot Line Card Chassis Enhanced router for operation. Use the table as a checklist to ensure that all components are properly installed in the correct order. For information about a task, see the appropriate section of this installation guide.

Table 1: Overview of Installation Steps

Installation Steps	See	Check
1 Verify that the chassis is securely installed in rack.	Cisco CRS Carrier Routing System 8-Slot Line Card Chassis Enhanced Router Unpacking, Moving, and Securing Guide	
1 Ground the chassis.	“Installing the Chassis Ground Cable” section on page 3-6 .	
1 Install both AC or DC power shelves in the chassis.	“Installing an AC or DC Power Shelf” section on page 3-8 .	
1 Install AC cables or DC wiring on first power shelf.	“Installing AC Power Cords or DC Power Shelf Wiring” section on page 3-14 .	
1 Install AC cables or DC wiring on second power shelf.	“Installing AC Power Cords or DC Power Shelf Wiring” section on page 3-14 .	
1 Install power modules in both power shelves.	“Installing a Power Module” section on page 3-17 .	

Installation Steps	See	Check
1 Power up the chassis and verify basic chassis operation.	“Power Up and Power Down a Chassis” section on page 3-20 .	
1 Install fan trays, air filter and rear exhaust screen.	“Installing Air Circulation Components” section on page 4-2	
1 Install external cosmetic components on the front (PLIM) side of the chassis.	“Installing the Front Side Exterior Components” section on page 5-1	
1 Install line cards and PLIMs and route cables.	Chapter 6, “Installing Line Cards, PLIMs, and Associated Components”	

**Note**

For chassis component removal procedures, see [Chapter 7, “Removing Chassis Components.”](#)
