



Cisco 6100 Series Rear Door Configuration Notes

This document provides information about installing an optional Cisco 6100 Series rear door. The rear door attaches to the back of the multiplexer chassis (MC) and restricts access to the backplane and cable connectors. To keep cables from interfering with the opening of the rear door, the cables that come down from the top of the rack can be tie wrapped to the door-mounting brackets.

The rear door accessory kit contains one door-mounting bracket (detached), one door-mounting bracket (with the rear door attached), ten tie wraps, and six standoff screws.

1. Contents

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2. Tool and Equipment Requirements

The following tools and equipment are required for installation of the Cisco 6100 Series rear door:

- Phillips-head screwdriver
- One-quarter inch socket driver or wrench
- Equipment for electrostatic discharge (ESD) protection

A second person may be helpful when you are installing the rear door. The door-mounting bracket (with the rear door attached) may be difficult for one person to maneuver.

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3. General Safety Precautions and Maintenance Guidelines



Caution Proper ESD protection is required whenever you handle Cisco DSLAM equipment. Installation and maintenance personnel should be properly grounded using ground straps to eliminate the risk of ESD damage to the equipment. Modules are subject to ESD damage whenever they are removed from the chassis.



Caution Be careful when removing the screws and reinserting the standoff screws and backplane screws into the screw holes on the backplane so that the backplane circuitry does not become damaged.



Caution Use caution when installing or modifying telephone lines.



Warning Systems using a Cisco 6100 backplane *must* connect to the network through a POTS splitter chassis (PSC) to provide the secondary lightning protection required by NEBS.



Warning Installation and maintenance should be performed only by trained service personnel who are aware of the potential hazards involved (for example, fire and electric shock).



Warning To prevent a Cisco 6100 Series system from overheating, do not operate it in an area that exceeds the maximum recommended ambient temperature of 104°F (40°C) in a CO location.



Warning Two people are required to lift the chassis. Grasp the chassis underneath the lower edge and lift with both hands. To prevent injury, keep your back straight and lift with your legs, not your back.



Warning To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. The following guidelines are provided to ensure your safety:

- This unit should be mounted at the bottom of the rack if it is the only unit in the rack.
- When mounting this unit in a partially filled rack, load the rack from the bottom to the top.
- If the rack is provided with stabilizing devices, install the stabilizers before mounting or servicing the unit in the rack.



Warning Never touch un-insulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.



Warning Do not use this product near water. For example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.

4. Installation of the Cisco 6100 Series Rear Door

When installing the rear door, be sure that you follow the installation procedures in proper sequence. Table 1 is a checklist of the installation steps in the order in which they should occur.



Caution Proper ESD protection is required whenever you handle Cisco DSLAM equipment. Installation and maintenance personnel should be properly grounded using ground straps to eliminate the risk of ESD damage to the equipment. Modules are subject to ESD damage whenever they are removed from the chassis.

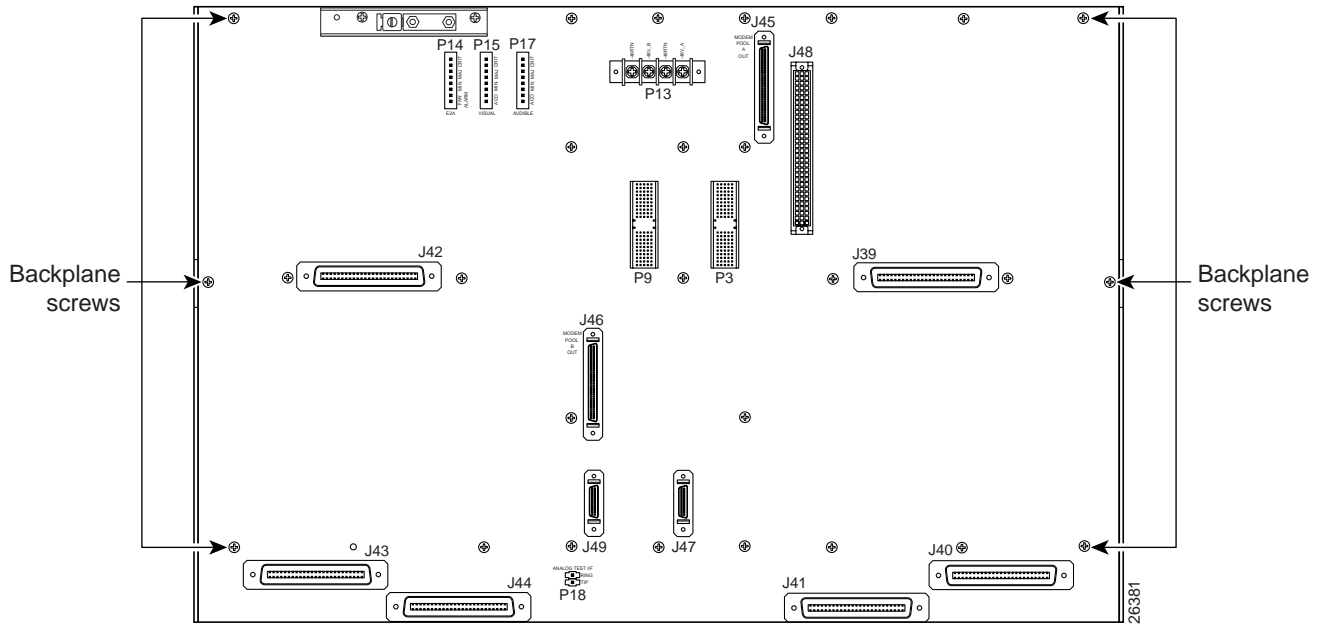
Table 1 Rear Door Installation Checklist

Check	Installation Step
	Step 1 Locate and remove the six required backplane screws.
	Step 2 Install the six standoff screws.
	Step 3 Install the door-mounting bracket on the right side of the chassis using the screws removed in Step 1.
	Step 4 Install the door-mounting bracket (with the rear door attached) on the left side of the chassis using the screws removed in Step 1.
	Step 5 Tie wrap cables to the door-mounting bracket loops as necessary.
	Step 6 Close and latch the rear door.
	Step 7 Align the thumbscrews and thumbscrew fasteners to secure the rear door.

Following are the detailed steps for installing the rear door:

- Step 1** Locate and remove six of the backplane screws currently used to hold the MC backplane to the chassis. Three screws are located on the right of the chassis, and three are located on the left. Refer to Figure 1 for the location of the screws. Keep the backplane screws. They will be used when you install the door-mounting brackets.

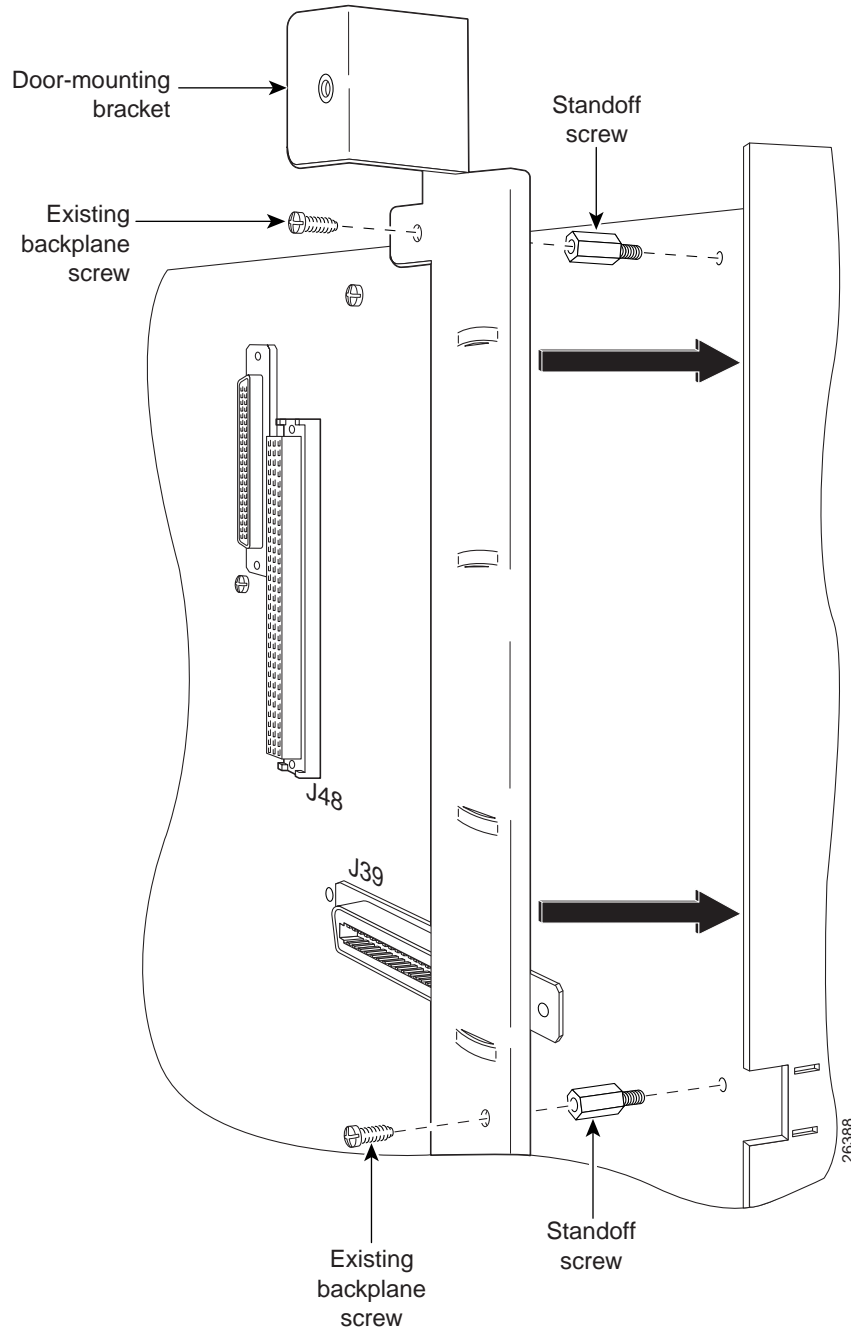
Figure 1 Backplane Screws for Rear Door Installation



- Step 2** The six standoff screws screw into the locations formerly occupied by the six screws you just removed in Step 1. Install the six standoff screws. Use a one-quarter inch socket driver or wrench to tighten the standoff screws.

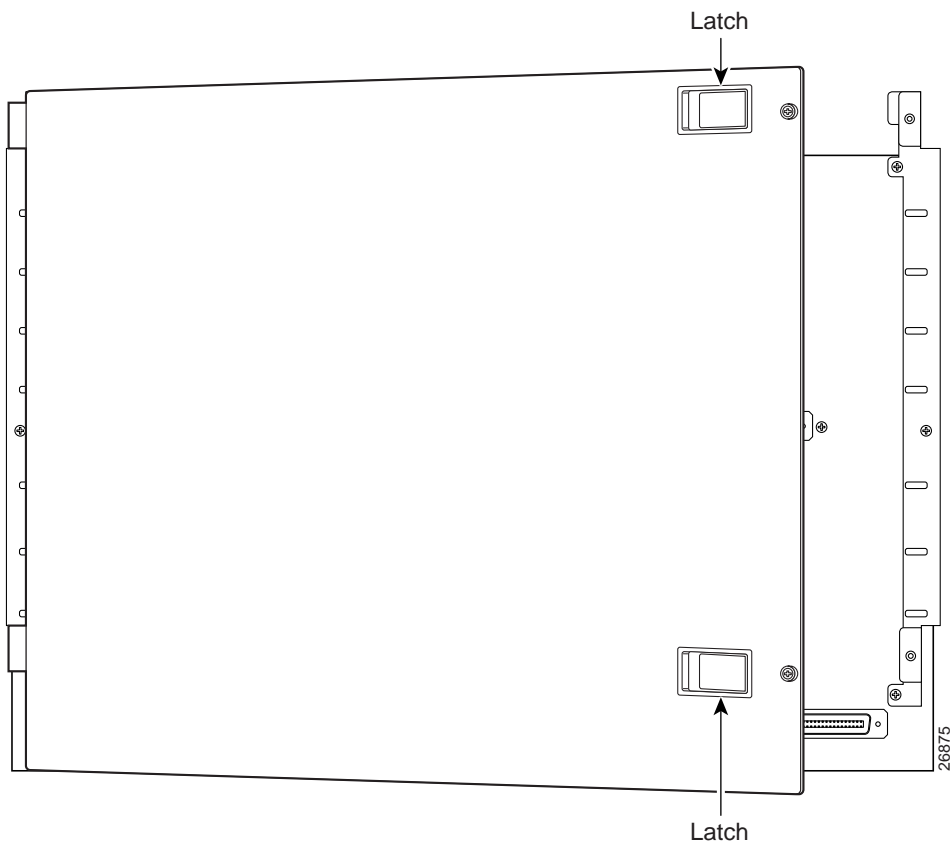
- Step 3** Facing the rear of the chassis, install the door-mounting bracket on the right side of the chassis. Place the bracket over the standoff screws. Use three of the screws you removed in Step 1 to fasten the door-mounting bracket to the chassis. (See Figure 2.)

Figure 2 Installing Door-Mounting Bracket



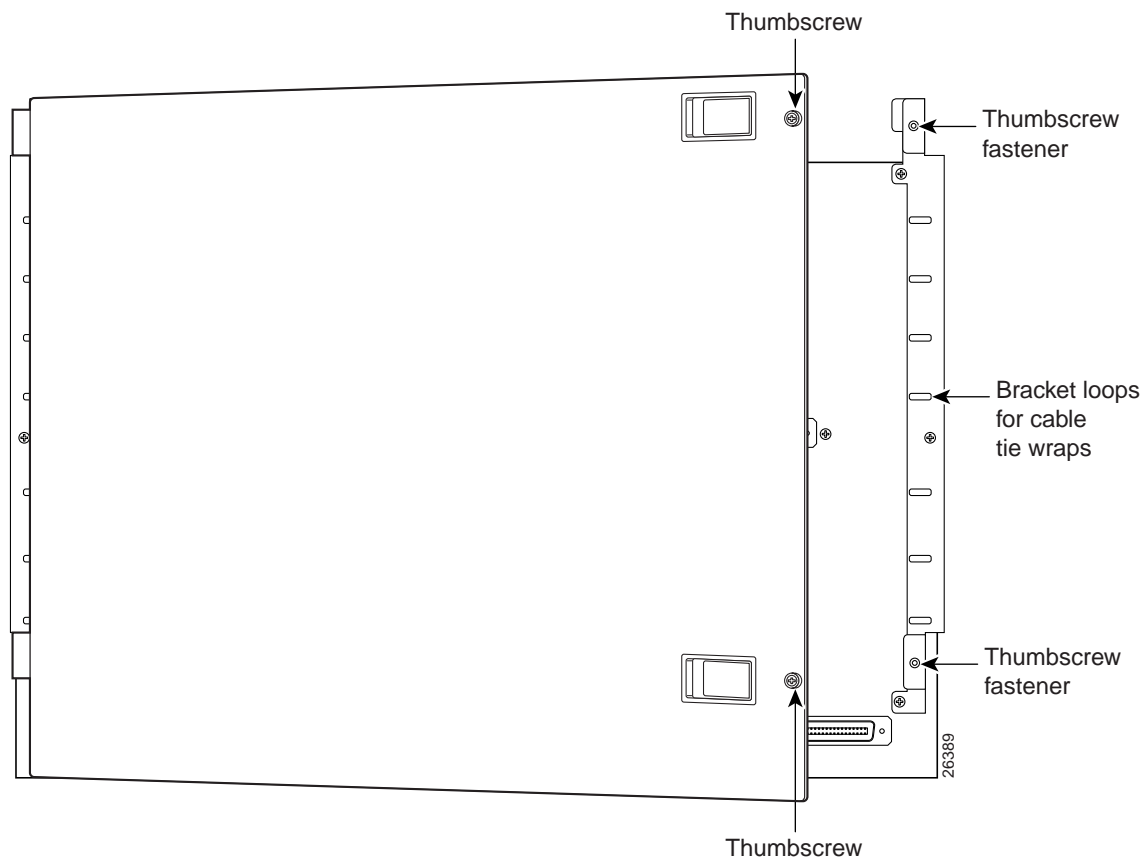
- Step 4** Facing the rear of the chassis, install the door-mounting bracket (with the rear door attached) on the left side of the chassis. Place the bracket (with rear door) over the standoff screws. Use three of the screws you removed in Step 1 to fasten the door-mounting bracket (with rear door) to the chassis.
- Step 5** Use the tie wraps provided in the accessory kit to attach cables to the door-mounting bracket loops, as necessary.
- Step 6** The rear door closes left to right (seen from the rear of the chassis). There are two latches on the rear door (see Figure 3). Lift the latches as you close the rear door. Once the rear door is in place, release the latches.

Figure 3 Securing the Rear Door with the Latches



- Step 7** The two thumbscrews located on the rear door align with two thumbscrew fasteners on the bracket (see Figure 4). Tighten the thumbscrews to secure the rear door.

Figure 4 Securing the Rear Door with Two Thumbscrews



5. Related Documentation

Use the following related documentation with the Cisco 6100 Series system:

- *Cisco 6100 Series User Guide*. Describes the system components, system requirements, system specifications, and configuration specifications for Direct Connect and Digital Off-Hook (DOH) configurations.
- *Cisco 6100 Series Direct Connect Installation Guide*. Describes how to set up and install the Cisco 6100 Series system using a Direct Connect configuration.
- *Cisco 6100 Series Digital Off-Hook Installation Guide*. Describes how to set up and install the Cisco 6100 Series system using a DOH configuration.
- *Cisco 6100 Series Alarm Summary Guide*. Explains how to diagnose and clear alarm events generated by the Cisco 6100 Series system.
- *Cisco 6100 Series Maintenance and Troubleshooting Guide*. Describes how to maintain the Cisco 6100 Series system and troubleshoot problems you may encounter when you are installing or operating the system.

- *Regulatory Compliance and Safety Information for the Cisco 6100 Series System*
- Current release notes for the Cisco 6100 Series system
- *Cisco 6130 Configuration Notes*
- *Cisco 6100 Series Fan Tray Configuration Notes*
- *Cisco 6100 Series Rear Door Configuration Notes*
- *Cisco 6100 Series DMT-2 ATU-C Module Configuration Notes*
- *Cisco 6100 Series STU-C Module Configuration Notes*
- *Cisco 6100 Series 8KHz POTS Module Configuration Notes*

6. Cisco Connection Online

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You can access CCO in the following ways:

- WWW: <http://www.cisco.com>
- WWW: <http://www-europe.cisco.com>
- WWW: <http://www-china.cisco.com>
- Telnet: cco.cisco.com
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact cco-help@cisco.com. For additional information, contact cco-team@cisco.com.

Note If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or tac@cisco.com. To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6387, 408 526-7208, or cs-rep@cisco.com.

7. Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more current than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at <http://www.cisco.com>, <http://www-china.cisco.com>, or <http://www-europe.cisco.com>.

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This document is to be used in conjunction with the documents listed in the "Related Documentation" section.

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