



## **Maintaining the Fan Module in the Cisco cBR Chassis**

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# Maintaining the Fan Module for Cisco cBR

## Removing the Fan Module from the Cisco cBR Chassis

### Before you begin

Attach an ESD-preventive wrist strap to your wrist.

### Restrictions

- Only one fan module should be removed at a time for servicing or replacement.



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**Warning**

Ensure that all Fan Module bays must have functioning Fan Modules. If a Fan Module is removed, replace a functioning Fan Module within one minute of the removal, to avoid possible shutdown of the system due to overheating of individual components.

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- Do not operate the chassis with an empty fan bay even if the Supervisor Card allows it.
- Cisco cBR's Supervisor Cards are prevented from powering up if one or more of the Fan Modules have a serious failure such that the error prevents both fans from operating.
- The chassis powers up even if at least one fan in each Fan Module is working.

### Required Tools and Equipment

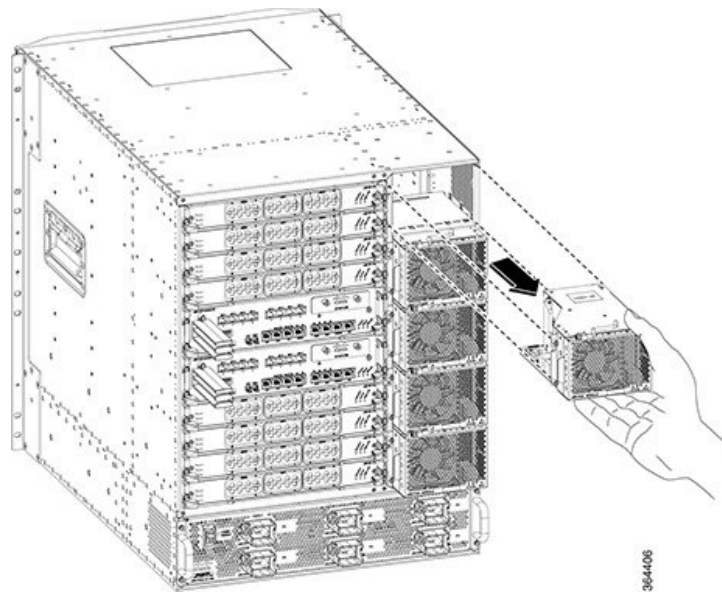
- A flat-blade screwdriver

### Procedure

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- Step 1** Loosen the captive screws on the left side of the Fan Module, until the screws are disengaged from the chassis.
- Step 2** Pull the fan module from the chassis slightly, grasping the sides of the Fan Module.
- Step 3** Grasp the top and bottom frame of the Fan Module with your hand and pull it gently out of the chassis.

**Figure 1: Removing the Fan Module**



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**What to do next**

Install a working (new or serviced) fan module in the empty bay. See the installation procedure specified in [Installing the Fan Module](#).





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