

## Installing and Removing EX-series Switch Hardware Components

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The EX-series switch chassis is a rigid sheet-metal structure that houses the other hardware components. EX-series switches have hot-removable and hot-insertable FRUs that you can remove and replace while the switch is functioning without turning off power to the switch or disrupting switch functions. The field-replaceable units (FRUs) in EX-series switches are:

- Power supply
- Fan tray
- Uplink module

To install an uplink module in an EX-series switch, follow instructions in [Installing an Uplink Module in an EX-series Switch \[topic ref to external file\]](#) . To remove an uplink module from an EX-series switch, follow instructions in [Removing an Uplink Module from an EX-series Switch \[topic ref to external file\]](#) .

To install an AC power supply in an EX-series switch, follow instructions in [Installing an AC Power Supply in an EX-series Switch \[topic ref to external file\]](#) . To remove an AC power supply from an EX-series switch, follow instructions in [Removing an AC Power Supply from an EX-series Switch \[topic ref to external file\]](#) .

To connect an EX-series switch to earth ground, follow instructions in [Connecting Earth Ground to an EX-series Switch \[topic ref to external file\]](#) .

To install a fan tray in an EX-series switch, follow instructions in [Installing a Fan Tray in an EX-series Switch \[topic ref to external file\]](#) . To remove a fan tray from an EX-series switch, follow instructions in [Removing a Fan Tray from an EX-series Switch \[topic ref to external file\]](#) .

### Related Topics

- [Installing an Uplink Module in an EX-series Switch \[topic ref to external file\]](#)
- [Removing an Uplink Module from an EX-series Switch \[topic ref to external file\]](#)
- [Installing an AC Power Supply in an EX-series Switch \[topic ref to external file\]](#)
- [Installing an AC Power Supply in an EX-series Switch \[topic ref to external file\]](#)
- [Installing a Fan Tray in an EX-series Switch \[topic ref to external file\]](#)
- [Removing a Fan Tray from an EX-series Switch \[topic ref to external file\]](#)
- [Connecting Earth Ground to an EX-series Switch \[topic ref to external file\]](#)

