Installing the X440-G2 Series Switch

You can install a X440-G2 series switch in a rack. There are four possible rack mounting options:

- **On the left side:** The switch is mounted in the leftmost rack position. The lower part of the rack contains the power and data connection ports.
- **On the right side:** The switch is mounted in the rightmost rack position. The lower part of the rack contains the power and data connection ports.
- **In the middle:** The switch is mounted in the central rack position. The power and data connection ports are located on the front of the switch.
- **In the bottom:** The switch is mounted in the bottom rack position. The power and data connection ports are located on the front of the switch.

Always ensure proper ventilation and avoid overloading the switching device. If required, use a power distribution system (PDU) to manage the power consumption.

To power up the X440-G2 series switch, do the following:

1. For AC powered units, connect the AC power cord to the AC power input socket. For DC powered units, do the following:
   - Disconnect the DC power cord from the DC input terminal.
   - To verify the DC configuration, use a multimeter to check the voltage at the DC input terminal.
   - Connect the DC power cord to the DC input terminal and lock it in place.

2. When using a redundant power supply (RPS), connect the RPS to the switch.

3. Connect the switch to the network using a network cable.

4. Connect the switch to the management console using a console cable.

5. Power on the switch using the power switch on the front panel.

6. Verify that the switch is operational by checking the LED indicators.

To configure the switch, use the command-line interface (CLI) or the graphical user interface (GUI) provided by Extreme Networks.

Equipment Compatibility

- **Switch models:** X440-G2 Series switches are compatible with Extreme Networks' management and monitoring tools. For more information, refer to the Extreme Networks documentation.
- **Power sources:** The switch supports both AC and DC power sources. For power specifications, refer to the Extreme Networks documentation.

Warning: Always ensure proper grounding and power connection to avoid electrical hazards. Extreme Networks recommends using certified power cords and cables for optimal performance and safety.

Security Considerations

- **Network segmentation:** Implement network segmentation to avoid unauthorized access.
- **Access control:** Use access control mechanisms to restrict access to sensitive areas.
- **Data encryption:** Use data encryption to protect data in transit.
- **Regular maintenance:** Regularly maintain the switch to ensure optimal performance and security.

Maintenance and Troubleshooting

- **Regular maintenance:** Schedule regular maintenance to ensure the switch operates optimally.
- **Troubleshooting:** Use the built-in troubleshooting tools to identify and resolve issues.
- **Upgrades:** Upgrade the switch firmware and software to benefit from the latest security patches and performance improvements.

Extreme Networks offers comprehensive maintenance and support services to help customers keep their networks secure and operational. For more information, visit the Extreme Networks website.

For complete installation instructions, see the Extreme Networks Summit Family Hardware Installation Guide at www.extremenetworks.com.
WARNING: This is a Class A product. In a residential environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Product Safety**

This product complies with the following international safety standards:
- UL 60950-1-2nd edition, A2:2014 (for the support products listed below)
- EN 60950-1-2nd edition, A11:2019 (for the support products listed below)

*Class A ITE Notice*

This product is designed for use in a commercial environment and meets the requirements for electromagnetic compatibility (EMC) as defined by the Class A ITE (Information Technology Equipment) requirements.

**Module Compliance**

Some Extreme Networks pluggable optical modules and direct-attach cables meet the following regulatory requirements:
- UL and/or CSA recognized component for North America
- C-Tick or Class B ITE (Information Technology Equipment) in accordance with Australian Standard AS/NZS 3548
- KCC: Class B in accordance with Korean Telecommunications Certification and Standards Institute (KC) Notice

**Electrical Hazard**

The X440-12t8fx-GE4, X440-24fx-GE4, and X440-24t-GE4 may be hot to touch during normal operation.

**Optical Module Compliance**

Extreme Networks pluggable optical modules and direct-attach cables meet the following regulatory requirements:
- UL and/or CSA recognized component for North America
- C-Tick or Class B ITE (Information Technology Equipment) in accordance with Australian Standard AS/NZS 3548
- KCC: Class B in accordance with Korean Telecommunications Certification and Standards Institute (KC) Notice

**Entity Information**

X440-G2 Series Switches

Extreme Networks

For information about the available collection system, please contact Extreme Networks using one of the following methods:
- [Support Portal](https://support.extremenetworks.com)
- [The Hub](https://hub.extremenetworks.com)
- [Getting Help](https://www.extremenetworks.com/company/legal/trademarks/)

**Battery Notice**

This product contains a battery used to maintain product information. If the battery should need replacement it must be disposed of in an environmentally safe manner. Replacement instructions are available from Extreme Networks.

**Usage Note**

Using radio and television equipment in the vicinity of television and radio antennas may cause radio interference in which case the user may be required to take adequate measures.

**Hazardous Substances**

This product complies with the requirements of Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

**Warranty**

Warranty information for X440-G2 series switches is located online at [extremenetworks.com/go/warranty](https://www.extremenetworks.com/go/warranty)

**Safety Data Sheet**

Safety data sheets (SDS) are available from Extreme Networks at [extremenetworks.com/go/sds](https://www.extremenetworks.com/go/sds)

**Environmental Information**

Please visit [extremenetworks.com/environment](https://www.extremenetworks.com/environment) for more information on our green strategies and initiatives.

**Legal Notices**

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For additional information on Extreme Networks trademarks, please see [extremenetworks.com/company/legal/trademarks/](https://www.extremenetworks.com/company/legal/trademarks/)

**Electromagnetic Compatibility (EMC)**

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:
- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

**Regulatory Compliance Information**

Federal Communications Commission (FCC) Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

**Class A ITE Notice**

This product is the users' responsibility to utilize the available collection system to ensure WEEE directive is followed and disposed of in an environmentally safe manner.

**Industry Canada Notice**

This digital apparatus does not exceed Class A limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

**BSMI Statement**

This product contains a battery used to maintain product information. If the battery should need replacement it must be disposed of in an environmentally safe manner. Replacement instructions are available from Extreme Networks.

**European Waste Electrical and Electronic Equipment (WEEE) Notice**


In the unlikely event of this equipment being rendered obsolete, please follow the procedure below:

1. Remove the battery from the equipment.
2. Place the equipment in a cardboard box.
3. Send the equipment to your local waste management facility.

If the equipment is still energized, it must be powered down or, to protect the environment, disposed of in an environmentally safe manner.

For more information, please contact Extreme Customer Support at +1 408 579 2828 (North America) or +44 118 923 2530 (Europe).