Installing the X440-G2 Series Switch

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

- The 10GBASE-T copper ports
- The 10GBASE-X SFP+ combo ports
- The 10GBASE-X SFP+ non-combo ports
- The 10GBASE-X SFP+ optional combo ports

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

1. Connect a management station to the console port using either an Ethernet to RJ-45, an RJ-45 to DB-9, or a PS/2 to DB-9 cable.
2. Connect the switch to the power source using either a single, primary source of power, or to two sources of power for redundancy.
3. Turn on the power switch to activate power on the switch.
4. Use the screen prompts for initial configuration.
5. Follow the on-screen instructions for initial setup.
6. Enter the switch's IP address (for example, enter: 10.10.10.10 summitX-16.1.1.3-patch1-9.xos)
7. Enter the serial number of the switch.
8. Install the software after it loads by entering: con mgmt
9. Follow the screen prompts for initial configuration.
10. Enter the prompt, press enter (ENTER) twice.
11. Enter the IP address of the switch (example: enter: 15.50.0.0)
12. Enter the IP address of the switch in the field “IP Address”.
13. Enter the IP address of the switch in the field “User Name”.
14. Set the IP address of the switch (for example, enter: 10.10.10.10 summitX-16.1.1.3-patch1-9.xos)
15. Install the software after it loads by entering: con mgmt
16. Install the software after it loads by entering: con mgmt

Power Specifications

- X440-G2-16t-10GE4: Power requirements: 100-240Vac, 0.9 A max., 100/60 Hz
- X440-G2-24t-10GE4: Power requirements: 100-240Vac, 1.0 A max., 100/60 Hz
- X440-G2-48t-10GE4: Power requirements: 100-240Vac, 1.45 A max., 100/60 Hz

Switch Dimensions

- X440-G2-16t-10GE4: (15.4 cm (6.07 in.) H x 37.5 cm (14.78 in.) W x 44.5 cm (17.54 in.) L) Weight: 5.09 Kg (11.22 lb.)
- X440-G2-24t-10GE4: (18.0 cm (7.09 in.) H x 48.5 cm (19.09 in.) W x 58.0 cm (22.99 in.) L) Weight: 5.15 Kg (11.35 lb.)
- X440-G2-48t-10GE4: (22.14 cm (8.71 in.) H x 56.8 cm (22.38 in.) W x 56.8 cm (22.38 in.) L) Weight: 5.25Kg (11.58 lb.)
- X440-G2-12t8fx-GE4: (13.9 cm (5.48 in.) H x 37.7 cm (14.85 in.) W x 56.8 cm (22.38 in.) L) Weight: 2.95 Kg (6.50 lb.)
- X440-G2-24t-GE4: (15.4 cm (6.07 in.) H x 37.5 cm (14.78 in.) W x 44.5 cm (17.54 in.) L) Weight: 5.09 Kg (11.22 lb.)
- X440-G2-24p-10GE4 Unpackaged 4.4 cm (1.73 in.) H x 44.1 cm (17.38 in.) W x 25.4 cm (10.01 in.) L Weight: 3.73 Kg (8.22 lb.)
- X440-G2-24t-10GE4 Unpackaged 4.4 cm (1.73 in.) H x 44.1 cm (17.38 in.) W x 25.4 cm (10.01 in.) L Weight: 3.66 kg (8.07 lb.)
- X440-G2-48t-10GE4 Unpackaged 4.4 cm (1.73 in.) H x 44.1 cm (17.38 in.) W x 25.4 cm (10.01 in.) L Weight: 3.66 kg (8.07 lb.)

Network Interface Cards (NICs)

Each X440-G2 series switch can have a management port and control port. The management port can be used for remote management, while the control port can be used for connection to the data network. For additional information on any of these topics, refer to the documentation provided with the switch.
WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Class A ITE Notice

This product complies with the following international safety standards:

IEC 60950-1:2012 Ed. 4.0 (except for a few of the X440-G2 Series switches)
UL 60950-1:2013 Ed. 2.0 (except for a few of the X440-G2 Series switches)

NOTE: This product is classified as a Class A ITE product and may cause radio interference to radio communications in a residential area. The user of this equipment is therefore advised to ensure that it does not cause interference to such communications. If it is found that this equipment is causing interference to radio communications, the user is advised to take the following corrective actions:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Module Compliance

This product complies with the following regulatory requirements:

- UL and/or CSA registered component for North America
- FCC 47 CFR Part 15, Class A when installed into Extreme products
- FCC 21 CFR Chapter 1, Sub-chapter J in accordance with FDA & CDRH requirements
- Class 1 or Class 1M Laser Product
- UL and/or CSA registered component for North America

Optical Module Compliance

Extreme Networks pluggable optical modules and direct-attach cables meet the following regulatory requirements:

- EN 60950-1:2013 Ed. 2.0 (Europe only)
- FCC 47 CFR Part 15, Class A when installed into Extreme products
- 47 CFR Part 15, Class A when installed into Extreme products

Korea EMC Statement (KCC)

This equipment is designed for installation in restricted access locations. The X440-12t8fx-GE4, X440-24fx-GE4, and X440-24t-GE4 may be chaude au toucher pendant le fonctionnement normal.

Electrical Hazard:

This equipment has been tested and found to comply with the limits for a class A product, as set out in the Radio Interference Regulations of the Canadian Department of Communications. This equipment should be connected with shielded cables only. The shield of these cables must be connected to equipment ground at one point only. The equipment may be terminated with a non-guided connector, such as a cross point coupler, to prevent electromagnetic interference from entering the network. This equipment contains a battery used to maintain product data in non-volatile memory during power failures. The battery contains hazardous substances and must be disposed of correctly when it reaches the end of its serviceable life. The equipment is not suitable for use in a medical environment. The equipment emitted signal have been measured and found to comply with the limits of a class A ITE product, as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Industry Canada Notice

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference
2. This device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: This equipment has been tested and found to comply with the limits for a class A product, as set out in the Radio Interference Regulations of the Canadian Department of Communications. This equipment should be connected with shielded cables only. The shield of these cables must be connected to equipment ground at one point only. The equipment may be terminated with a non-guided connector, such as a cross point coupler, to prevent electromagnetic interference from entering the network. This equipment contains a battery used to maintain product data in non-volatile memory during power failures. The battery contains hazardous substances and must be disposed of correctly when it reaches the end of its serviceable life. The equipment is not suitable for use in a medical environment. The equipment emitted signal have been measured and found to comply with the limits of a class A ITE product, as set out in the Radio Interference Regulations of the Canadian Department of Communications.

BSMI EMC Statement — Taiwan

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Battery Warning — Taiwan

警告

如果更換不正確之電池型式會有爆炸的風險，請依製造商說明書處理廢止之電池。

Battery Notice

Warning: This product contains a battery used to maintain product information. If the battery should need replacement it must be replaced by an authorized Extreme Networks Technical Support representative. Contact Technical Support for assistance.

This equipment is not intended to be replaced by an incorrect type. Dispose of expended battery in accordance with local disposal regulations. Avertissement: Ce produit renferme une pile servant à conserver les informations du produit. Si vous deviez remplacer la pile, contactez le service support technique. Veuillez contacter le service support technique pour obtenir l'aide nécessaire. Ce produit ne doit être remplacé par une pile d'un type incorrect. Mettez les piles usées au rebut conformément aux réglementations locales d'élimination des piles.

Hazardous Substances - China and Taiwan BSMI RoHS Guidance concerning the China and Taiwan BSMI RoHS (Restriction of Hazardous Substances) directive for this Extreme Networks® product can be found on the following web page:

www.extremenetworks.com/support/documentation/restriction-hazardous-substances/

The page contains tables detailing the presence of substances defined by the RoHS directive.

Hazardous Substances - EU

This product complies with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

European Waste Electrical and Electronic Equipment (WEEE) Notice


1. The symbol above indicates that separate collection of electrical and electronic equipment is required.
2. This product has reached the end of its serviceable life and cannot be disposed of as unsorted municipal waste. It must be collected and treated separately.
3. It has been determined by the European Parliament that there are potential negative effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.
4. It is the users' responsibility to utilize the available collection system to ensure WEEE is properly treated.

For information about the available collection system, please contact Extreme Customer Support at 4353-670500 (Ireland).