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4655 Great America Parkway
Santa Clara, CA 95054

Installing the BayStack 425 Switch



NORTEL
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This is to certify that the Nortel Networks BayStack 425 switch was evaluated to the international regulatory standards for electromagnetic compliance (EMC) and safety and were found to have met the requirements for the following international standards:

- EMC - Electromagnetic Emissions – CISPR 22, Class A
- EMC - Electromagnetic Immunity – CISPR 24
- Electrical Safety – IEC 60950, with CB member national deviations

Further, the equipment has been certified as compliant with the national standards as detailed below.

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FCC statement (USA only)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to take whatever measures may be necessary to correct the interference at their own expense.

ICES statement (Canada only)

Canadian Department of Communications Radio Interference Regulations

This digital apparatus (Nortel Networks BayStack 425 switch) does not exceed the Class A limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Règlement sur le brouillage radioélectrique du ministère des Communications

Cet appareil numérique (Nortel Networks BayStack 425 switch) respecte les limites de bruits radioélectriques visant les appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.

CE marking statement (Europe only)

EN 55 022 statements

This is to certify that the Nortel Networks BayStack 425 switch is shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 022 Class A (CISPR 22).



Caution: This device is a Class A product. In a domestic environment, this device can cause radio interference, in which case the user may be required to take appropriate measures. (For translations of this statement, see [page 27](#).)

EN 55 024 statement

This is to certify that the Nortel Networks BayStack 425 switch is shielded against the susceptibility to radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 024 (CISPR 24).

EC Declaration of Conformity

This product conforms to the provisions of the R&TTE Directive 1999/5/EC.

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MIC notice for BayStack 425 (Republic of Korea only)

This device has been approved for use in Business applications only per the Class A requirements of the Republic of Korea Ministry of Information and Communications (MIC). This device may not be sold for use in a non-business application.

Observe the Regulatory Marking label on the bottom surface of the chassis for specific certification information pertaining to this model. Each model in the BayStack Series which is approved for shipment to/usage in Korea is labeled as such, with all appropriate text and the appropriate MIC reference number.

National safety statements of compliance

CE marking statement (Europe only)

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Deleg-Benito Juarez
México D.F. 03900

Tel: 52 5 480 2100

Fax: 52 5 480 2199

Input: BayStack 425
100 - 120 VAC 16A 50 to 60 Hz
200 - 240 VAC 12 A 50 to 60 Hz

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Tel: 52 5 480 2100

Fax: 52 5 480 2199

Embarcar a: BayStack 425
100 - 120 VAC 16A 50 to 60 Hz
200 - 240 VAC 12 A 50 to 60 Hz

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About this guide

This guide provides instructions on how to install the Nortel Networks BayStack 425-24T and BayStack 425-48T switches on a table or in an equipment rack. For more detailed information about the switch, refer to *Using the BayStack 425 Switch*.

Table 1 shows the order numbers for the BayStack 425 Switch family.

Table 1 Order numbers for the BayStack 425 Switch

Power Cord Option Description	BayStack 425	BayStack 425-48T
No Power Cord	AL2012A41	AL2012A44
European Union Power Cord	AL2012B41	AL2012B44
UK Power Cord	AL2012C41	AL2012C44
Japan Power Cord	AL2012D41	AL2012D44
North America Power Cord	AL2012E41	AL2012E44
Australia Power Cord	AL2012F41	AL2012F44

You can install one or two optional small form factor (SFP) Gigabit Interface Converters (GBICs) into the shared GBIC ports on the front of the BayStack 425 switch. (Refer to *Installing Gigabit Interface Converters, SFP, and CWDM SFP Gigabit Interface Converters*, document number 312865-C, for detailed information on installing the SFP GBIC.)



Note: On the BayStack 425-48T switch, ports 49 and 50 can be configured either as SFP GBIC ports or as 10/100/1000 ports. Similarly, on the BayStack 425-24T switch, ports 25 and 26 can be configured either as SFP GBIC ports or as 10/100/1000 ports.

The BayStack 425 switch is stackable, up to 8 units high. You stack the units using the BayStack 425 stack cables, which are available in 1-foot and 3-foot lengths and are separately orderable (order number AL2018005 and AL2018006, respectively). Refer to *Using the BayStack 425 Switch* for detailed information on stacking the switches. (Contact your Nortel Networks representative to obtain the stacking cable.)

This guide includes information about the following topics:

- [“Before you begin” \(next\)](#)
- [“Package contents for the BayStack 425 switch” on page 9](#)
- [“Installing the switch on a table or shelf” on page 10](#)
- [“Installing the switch in an equipment rack” on page 11](#)
- [“Connection requirements” on page 12](#)
- [“Connecting AC power” on page 14](#)
- [“Checking LEDs” on page 18](#)
- [“Initial switch setup” on page 20](#)
- [“Related publications” on page 24](#)

Before you begin

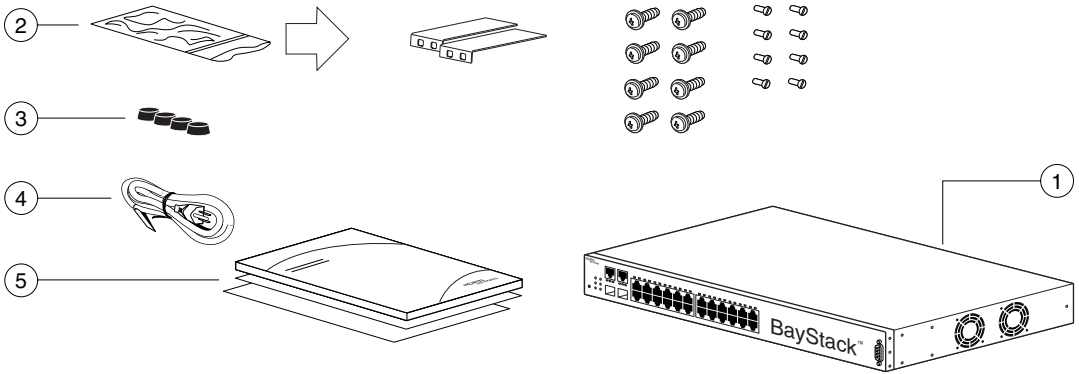
Make sure the area where you will install and use the BayStack 425 meets these environmental requirements:

- Ambient temperature between 32° and 104° F (0° and 40° C)
- Relative humidity between 10% and 85% noncondensing
- No nearby heat sources such as hot air vents or direct sunlight
- No nearby sources of severe electromagnetic noise
- No excessive dust
- Adequate power source within six feet; one 15-Amp circuit required for each unit.
- At least 2 inches (5.08 cm) on each side of the switch unit for ventilation.
- Adequate space at the front and rear of the switch for access to cables.

If you are installing a single BayStack 425 on a table or shelf, make sure the surface will support at least 10 to 15 pounds (4.5 to 6.8 kilograms).

Package contents for the BayStack 425 switch

Figure 1 Shows the Package contents for the BayStack 425 switch



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1. BayStack 425
2. Rack-mounting hardware:
 - Rack-mount brackets
 - Screws for attaching brackets to the switch
 - Screws for attaching the switch to the equipment rack
3. Rubber footpads
4. AC power cord (Note that AC power cord is not included when ordering part number AL2012A41 or AL2012A44)
5. Documentation



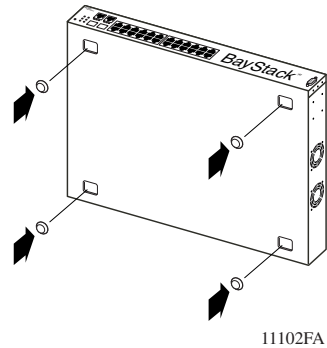
Note: The BayStack 425 switch depicted in Figure 1 is a BayStack 425-24T switch. With the exception of the number of 10/100BaseT ports, the BayStack 425-48T switch is virtually identical.



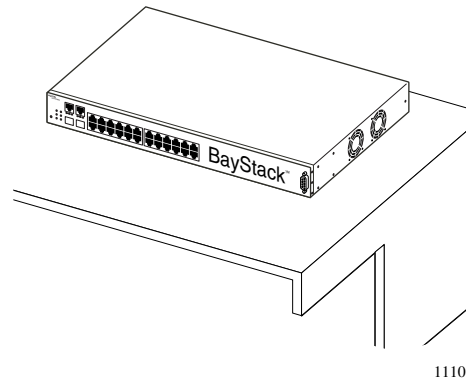
Warning: To avoid bodily injury from hazardous electrical shock and current, never remove the top cover of the device. There are no user-serviceable components inside. (For translations of this statement, see [page 28](#).)

Installing the switch on a table or shelf

You can install a single BayStack 425 on any flat surface that can safely support the weight of the switch and attached cables totaling 10 to 15 pounds (4.5 to 6.8 kilograms).



- 1 Attach the rubber feet at the marked locations.



- 2 Set the switch on a table or shelf.

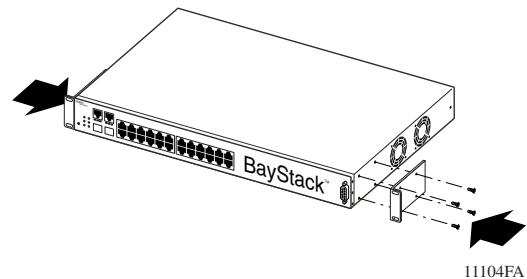
Allow at least 2 inches (5.1 cm) on each side for proper ventilation and at least 5 inches (12.7 cm) at the back for power cord clearance.

Installing the switch in an equipment rack

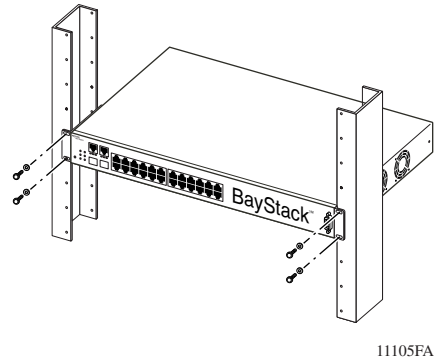
Required tool: #2 Phillips screwdriver for attaching brackets to the switch.

Rack requirements:

- A space of 1.75 inches is provided for each switch in an EIA or IEC standard 19-inch (48.2-centimeter) equipment rack.
- The rack is bolted to the floor and braced if necessary.
- The rack is grounded to the same grounding electrode used by the power service in the area. The ground path must be permanent and must not exceed 1 ohm of resistance from the rack to the grounding electrode.



- 1 Attach a bracket to each side of the switch.



- 2 Slide the switch into the rack. Insert and tighten the rack-mount screws.

Connection requirements

Required cables:

10/100BASE-T ports:	For 10 Mb/s operation: Category 3, 4, or 5 UTP cable with an RJ-45 connector. For 100 Mb/s operation: Category 5 UTP cable with an RJ-45 connector. For 1000 Mb/s operation: Category 5 UTP cable with an RJ-45 connector.
Console Port:	Serial Cable with DB-9 female connector on one end. Note: The maximum length for the console port cabling is 25 feet (8.3m).
SFP GBIC ports:	Varies with the installed SFP GBIC; refer to the documentation that was shipped with the SFP GBIC for specifications.



Note: When **Autonegotiation** is enabled, the BayStack 425 switch automatically provides the proper MDI/MDI-X connection on the RJ-45 ports, thereby eliminating the need for crossover cables. When **Autonegotiation** is disabled, the RJ-45 ports provide an MDI-X connection, which allows end-station equipment to be connected using straight-through cables. To connect other MDI-X port devices, such as another switch or a hub, a crossover cable must be used.

Figure 2 shows the connector pin assignments in the 10/100 BASE-T port.

Figure 2 Pin assignments in the 10/100 BASE-T port

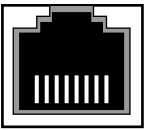
Connector	Pin Number	Signal for 10/100BASE-T MDI Configuration	Signal for 10/100BASE-T MDI-X Configuration
 87654321 9464EA	1	Output transmit data + (TX+)	Input receive data + (RX+)
	2	Output transmit data - (TX-)	Input receive data - (RX-)
	3	Input receive data + (RX+)	Output transmit data + (TX+)
	6	Input receive data - (RX-)	Output transmit data - (TX-)
	4, 5, 7, 8	Not used	

Figure 3 Pin assignments for the 1000BASE-T MDI and 1000BASE-T MDI-X Configurations

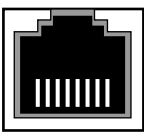
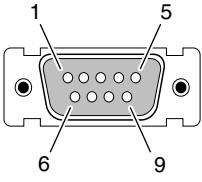
Connector	Pin number	Signal for 1000BASE-T MDI Configuration	Signal for 1000BASE-T MDI-X Configuration
 <p data-bbox="185 425 307 477">87654321 9464EA</p>	1	TP0+	TP1+
	2	TP0-	TP1-
	3	TP1+	TP0+
	4	TP2+	TP3+
	5	TP2-	TP3-
	6	TP1-	TP0-
	7	TP3+	TP2+
	8	TP3-	TP2-

Figure 4 Pin assignments in the console port

Connector	Pin number	Signal
 9473EA	2	Transmit data (TXD)
	3	Receive data (RXD)
	5	Signal ground (GND)
	1, 4, 6, 7, 8, 9	Not used

Connecting AC power

Required cable: AC power cord that meets the requirements of your local electrical code. Refer to [Table 2](#) for plug specifications.

Table 2 International power cord specifications

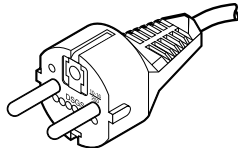
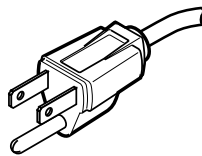
Country/plug description	Specifications	Typical plug
Continental Europe: <ul style="list-style-type: none"> • CEE7 standard VII male plug • Harmonized cord (HAR marking on the outside of the cord jacket to comply with the CENELEC Harmonized Document HD-21) 	220 or 230 VAC 50 Hz Single phase	 228FA
U.S./Canada/Japan: <ul style="list-style-type: none"> • NEMA5-15P male plug • UL-recognized (UL stamped on cord jacket) • CSA-certified (CSA label secured to the cord) 	100 or 120 VAC 50-60 Hz Single phase	 227FA

Table 2 International power cord specifications (continued)

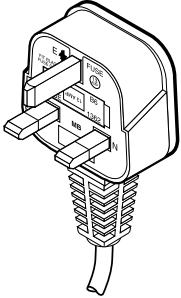
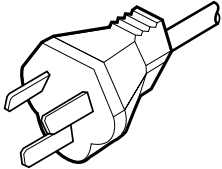
Country/plug description	Specifications	Typical plug
United Kingdom: <ul style="list-style-type: none"> • BS1363 male plug with fuse • Harmonized cord 	240 VAC 50 Hz Single phase	 <p style="text-align: center;">229FA</p>
Australia: <ul style="list-style-type: none"> • AS3112-1981 male plug 	240 VAC 50 Hz Single phase	 <p style="text-align: center;">230FA</p>

Table 3 AC Power specifications

Input current:	2 A @ 120 VAC, 1 A @ 240 VAC
Input voltage (rms):	100 to 240 VAC at 50 to 60 Hz
Power consumption:	46 W
Thermal rating:	75 BTU/hr maximum



Danger: Use only power cords that have a grounding path. Without a proper ground, a person who touches the switch is in danger of receiving an electrical shock. Lack of a grounding path to the switch may result in excessive emissions. (For translations of this statement, see [page 29](#).)

Back panel

The switch back panel is shown in [Figure 5](#). [Table 4](#) describes the components on the back panel.

Figure 5 BayStack 425 back panel

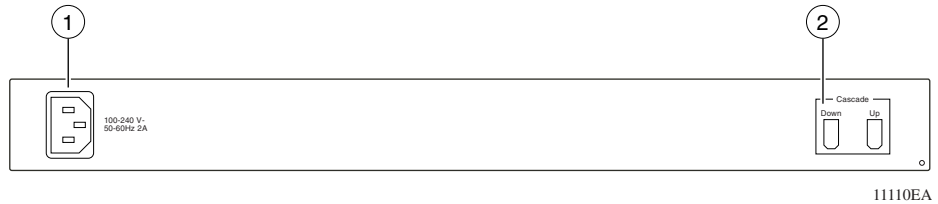


Table 4 Components on the BayStack 425 back panel

Item	Description
1	AC power receptacle
2	Cascade Up and Down Connectors

Connect the AC power cord to the back of the switch, and then connect the cord to an AC power outlet.

The BayStack 425 switch does not have an AC power switch. When you connect the AC power cord to a suitable AC power outlet, the switch powers up immediately.

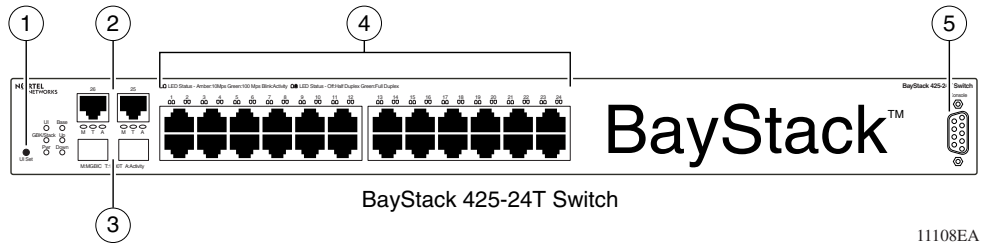


Warning: Disconnecting the AC power cord is the only way to turn off AC power to this device. Always connect the AC power cord in a location that can be reached quickly and safely in case of an emergency. (For translations of this statement, see [page 30](#).)

Front panel

Figure 6 shows the configuration of the front panel on the BayStack 425. Table 5 describes the components on the front panel.

Figure 6 BayStack 425 front panel



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Table 5 Components of the BayStack 425 front panel

Item	Description
1	User interface reset button (not supported in this release).
2	10/100/1000BaseT (copper) port 25 and 26
3	Gigabit Interface Converter (GBIC) ports 25 and 26
4	10/100BaseT ports 1 to 24
5	Console port



Warning: Fiber optic equipment can emit laser or infrared light that can injure your eyes. Never look into an optical fiber or connector port. Always assume that fiber optic cables are connected to a light source. (For translations of this statement, see [page 31](#).)



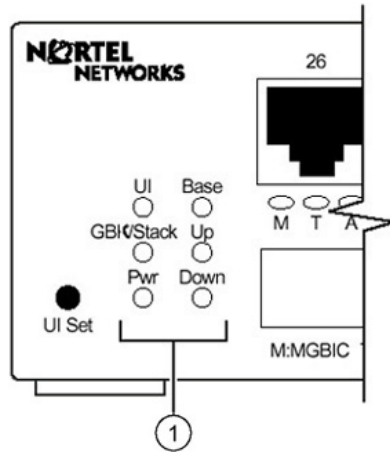
8769EA

Checking LEDs

Refer to the illustration and tables that follow for descriptions of the LEDs on the BayStack 425 switch. The tables describe LED operation for a switch that has completed its power-on self-tests.

Figure 7 shows the BayStack 425 switch LED display panel.

Figure 7 BayStack 425 LED display panel



1 = Switch LEDs

Table 6 LEDs on the BayStack 425

Label	Color/Status	Meaning
UI	Green	The switch is operating normally.
	Amber	A flash error occurred.
	Off	The switch is inactive.
Base	Green	This switch is the active base unit in the stack.
	Amber	This switch is configured as the base unit, but is not currently the active base unit.
	Off	This switch is not the base unit, or is in a stand-alone configuration.

Table 6 LEDs on the BayStack 425 (continued)

Label	Color/Status	Meaning
GBIC/ Stack	Green	Port 26 (BayStack 425-24T) or Port 50 (BayStack 425-48T) is currently enabled and the stacking port on the rear of the unit is inactive.
	Off	Port 26 (BayStack 425-24T) or Port 50 (BayStack 425-48T) is currently disabled and the stacking port on the rear of the unit is active.
Up	Green	A connection was detected to a unit through the stack up connector.
	Off	No connection was detected to a unit through the stack up connector.
Pwr	Green	Power is available to the switch.
	Off	No power is available to the switch.
Down	Green/steady	A connection was detected to a unit through the stack down connector.
	Off	No connection was detected to a unit through the stack down connector.

Table 7 10/100 LEDs on the BayStack 425 Switch

Label	Color/Status	Meaning
10/100	Green/steady	This port is set to operate at 100 Mb/s, and the link is good.
	Off	The port is set to operate at 10 Mb/s.
Link/Activity	Green	Station connected at 100 Mbps
	Amber	Station connected at 10 Mbps
	Green/Flashing	Traffic activity at 100 mbps
	Amber/Flashing	Traffic activity at 10 mbps
	Off	No link/No traffic

Table 8 SFP GBIC Port LEDs on the BayStack 425

Label	Color/Status	Meaning
M (MGBIC)	Green	This port has a good connection (fiber).
	Off	This port does not have a good connection (fiber).
T (Copper)	Green	This port has a good connection (copper - at 1000 Mbps).
	Amber	This port has a good connection (copper - at 100 Mbps).
	Amber/Green	This port has a good connection (copper - at 10 Mbps)
	Off	This port does not have a good connection.

Table 8 SFP GBIC Port LEDs on the BayStack 425 (continued)

Label	Color/Status	Meaning
A (Activity)	Green (blinking)	There is activity on this port.
	Off	There is no activity on this port.

Initial switch setup

The BayStack 425 switch begins switching as soon as you attach network devices and connect the switch to power. To manage the switch over the network or to perform TFTP operations, you must set certain IP parameters. Refer to document *Using the BayStack 425 Switch Software* for more information about the console menus and configuring your switch.

Setting IP parameters

For the initial setup of a standalone switch or a stack configuration, you must set the following IP parameters:

- IP address of the switch or the stack
- Subnet mask
- Gateway address

To set the IP parameters:

- 1 Connect a terminal to the Console port on the switch.
You can use any terminal or PC with a terminal emulator as the management station. Be sure the terminal has the following features:
 - 9600 bits per second (b/s), 8 data bits, 1 stop bit, no parity, no flow control
 - Serial terminal-emulation program such as Terminal or Hyperterm for Windows NT* Hyperterm for Windows*95 or Windows 98.
 - Cable and connector to match the male DTE connector (DB-9) on the BayStack 425 switch console port.
- 2 Set the terminal protocol:
 - VT100 Arrows checked in the Terminal Preferences window under Terminal Options, and Block Cursor unchecked; VT-100/ANSI checked under Emulation.

- 3 Connect the BayStack 425 switch to AC power.
- 4 After the Nortel Networks banner is displayed, press [Ctrl]-Y to display the Main Menu.

At first the screen displays the Main Menu for a standalone switch. Then, if the switch is part of a stack configuration, the screen is refreshed when the stack forms to show the Main Menu for a stack configuration. The Main Menu for a stack configuration includes stack features (bold text in figure).

Figure 8 shows the BayStack 425 Main Menu

Figure 8 BayStack 425 Main Menu

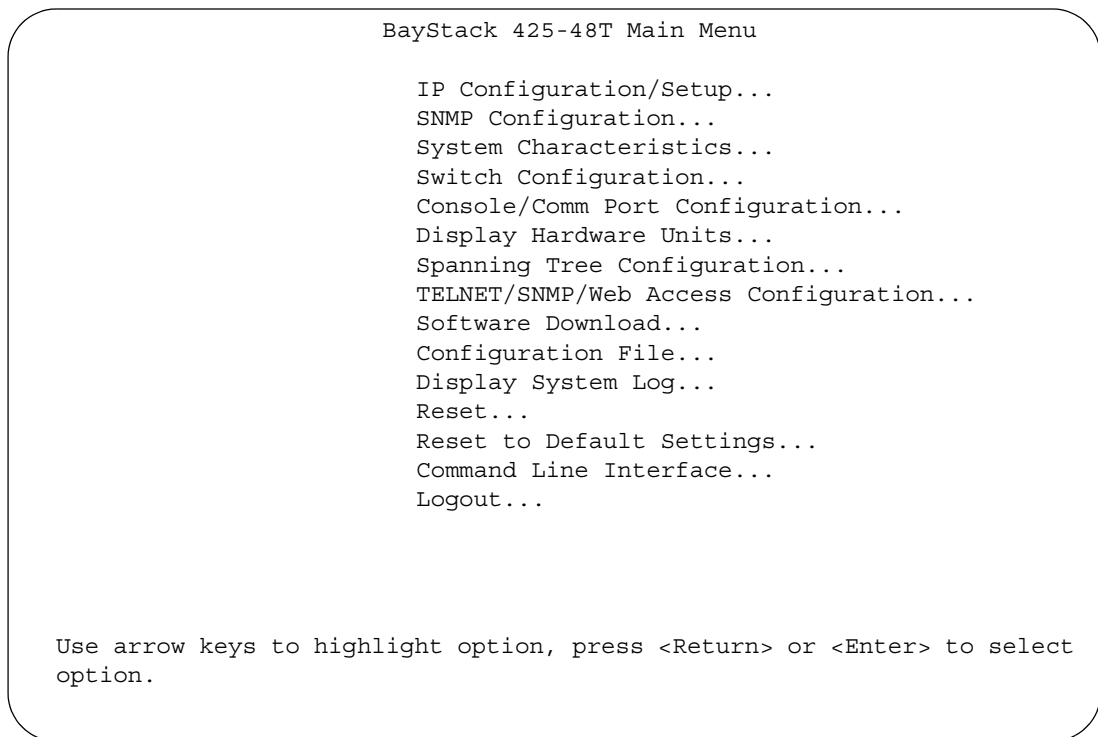
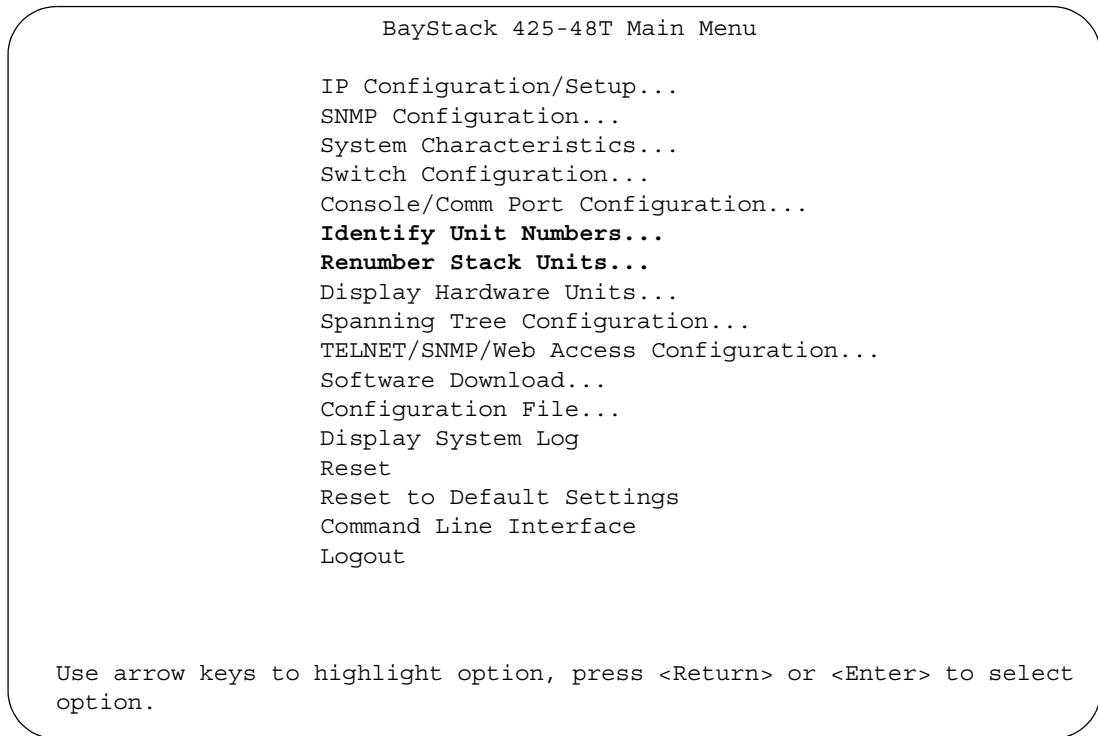


Figure 9 shows the BayStack 425 Main Menu for a stack configuration

Figure 9 BayStack 425 Stack Mode Main Menu

- 5 Select IP Configuration/Setup to display the IP Configuration/Setup menu.



Note: The default management VLAN in the BayStack 425 switch is VLAN 1. To manage the switch, make sure the network management station is on the management VLAN or is connected to the management VLAN through routers.

Figure 10 shows the IP Configuration and setup screen

Figure 10 IP Configuration/Setup screen

```

IP Configuration/Setup

      BootP Request Mode:  [ BootP Disabled      ]

                Configurable          In Use          Last BootP
                -----              -
In-Band Stack IP Address:  [ 0.0.0.0 ]          0.0.0.0          0.0.0.0
In-Band Switch IP Address: [ 134.177.224.102 ]      134.177.224.102  0.0.0.0
In-Band Subnet Mask:      [ 255.255.255.0 ]      255.255.255.0    0.0.0.0

Default Gateway:          [ 134.177.224.1 ]      134.177.224.1    0.0.0.0

IP Address to Ping:      [ 10.30.40.1 ]
Start Ping:              [ No ]

Use space bar to display choices, press <Return> or <Enter> to select choice.
Press Ctrl-R to return to previous menu. Press Ctrl-C to return to Main Menu.

```

- 6 For a standalone switch, in the In-Band Switch IP Address field, enter the IP address of the switch in dotted-decimal notation.
- 7 For a stack configuration, in the In-Band Stack IP Address field, enter the Stack IP address in dotted decimal notation.



Note: The In-Band Switch IP Address field allows this switch to operate as a standalone switch. However, this field is not required for the operation of the stack. You cannot enter the same IP address in both fields.

8 In the In-Band Subnet Mask field, enter the IP subnet mask address.



Note: If the In-Band Subnet Mask field does not already contain a value when you enter the IP address in the In-Band IP Address field, the switch software provides an in-use default value for the In-Band Subnet Mask field. This value is based on the class of the entered IP address, either In-Band Switch IP address or In-Band Stack IP address.

9 In the Default Gateway field, enter the default gateway address.



Note: If you are stacking BayStack 425 switches, ensure that you set one switch as the Base Unit. For more information on setting the base unit and stacking, refer to *Using the BayStack 425 Switch*.

10 Press Ctrl-C to return to the Main Menu.



Note: To reset the BayStack 425 switch to factory defaults, select Reset to Default Settings on the Main Menu and press <Enter>.

Related publications

You can print selected technical manuals and release notes free, directly from the Internet. Go to the www.nortelnetworks.com/documentation URL. Find the product for which you need documentation. Then locate the specific category and model or version for your hardware or software product. Use Adobe* Acrobat Reader* to open the manuals and release notes, search for the sections you need, and print them on most standard printers. Go to Adobe Systems at the www.adobe.com URL to download a free copy of Adobe Acrobat Reader.

For more information about using the BayStack 425 switch, refer to the following publications:

- *Release Notes for the BayStack 420/425 Switch, Software Release 3.1* (216078-B)

Documents important changes about the software and hardware that are not covered in other related publications.

-
- *Using the BayStack 420/425 Switch, Software Release 3.1 (215661-B)*
Describes how to use the BayStack 425 switch.
 - *Using Web-based Management for the BayStack 420/425, Software Release 3.1 (215660-B)*
Describes how to use the Web-based management tool to configure the features for the BayStack 425 switch.
 - *Reference for the BayStack 420/425 Command Line Interface, Software Release 3.1 (215659-B)*
Describes how to use Command Line Interface (CLI) commands to configure and manage the BayStack 425 switch.
 - *Reference for the BayStack 420/425 Switch Management Software, Software Release 3.1 (215662-C)*
Describes how to use the Java-based device-level software management application, Device Manager (DM).
 - *Installing the BayStack 425 Switch (215658-B)*
Describes how to install the BayStack 425.
 - *Getting Started with the BayStack 420/425 Switch Management Software, Software Release 3.1 (215663-B)*
Describes how to install the Java-based device level software management application.

How to get help

If you purchased a service contract for your Nortel Networks product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel Networks service program, contact Nortel Networks Technical Support. To obtain contact information online, go to the www.nortelnetworks.com/cgi-bin/comments/comments.cgi URL, then click on Technical Support.

From the Technical Support page, you can open a Customer Service Request online or find the telephone number for the nearest Technical Solutions Center. If you are not connected to the Internet, you can call 1-800-4NORTEL (1-800-466-7835) to learn the telephone number for the nearest Technical Solutions Center.

An Express Routing Code (ERC) is available for many Nortel Networks products and services. When you use an ERC, your call is routed to a technical support person who specializes in supporting that product or service. To locate an ERC for your product or service, go to the <http://www.nortelnetworks.com/help/contact/erc/index.html> URL.

Translations of the Safety Messages

This section provides translations of the Caution, Danger, and Warning messages that appear within this document.



Caution: This device is a Class A product. In a domestic environment, this device can cause radio interference, in which case the user may be required to take appropriate measures.



Achtung: Dieses Gerät ist ein Produkt der Klasse A. In Wohngebieten kann dieses Gerät Funkstörungen verursachen. In diesem Fall muß der Benutzer die erforderlichen Maßnahmen zur Beseitigung ergreifen.



Attention: Ce périphérique est un produit de classe A. Il peut provoquer des interférences radio dans un environnement domestique; si tel est le cas, l'utilisateur devra prendre les mesures qui s'imposent.



Precaución: Este dispositivo es un producto de Clase A. En un entorno doméstico, este dispositivo puede ocasionar interferencias de radio, en cuyo caso, el usuario deberá tomar las medidas necesarias.



Attenzione: Il dispositivo descritto nel presente documento è un prodotto di Classe A. Se usato in ambienti domestici, può provocare interferenze radio. In tal caso, l'utente è tenuto a prendere provvedimenti adeguati.



注意：この機器は、クラスAの製品です。国内の環境で、この機器は電波障害を引き起こす恐れがあります。この場合、ユーザは適切な対策を講じる必要があります。



注意：本设备属于A类设备。在居住环境中，本设备可能会造成无线电干扰。在这种情况下，用户可能需要采取适当的措施。



警告：该设备是A类产品。在住宅区内使用该设备可能会产生射频干扰，此时用户应采取相应的措施。



Warning: To avoid bodily injury from hazardous electrical shock and current, never remove the top cover of the device. There are no user-serviceable components inside.



Warnung: Um gesundheitliche Schäden zu vermeiden, öffnen Sie nie den oberen Gehäusedeckel. Es befinden sich keine durch den Benutzer zu wartenden Teile im Inneren.



Avertissement: pour éviter tout risque d'électrocution, ne retirez jamais le couvercle du module. Celui-ci ne comprend aucun composant pouvant être dépanné par l'utilisateur.



Advertencia: No retire nunca la cubierta superior del dispositivo, ya que podría resultar herido como consecuencia de una descarga eléctrica y de corriente. Dentro del dispositivo no hay ningún componente que pueda reparar el usuario.



Avviso: per evitare lesioni personali da scosse elettriche e tensioni pericolose, non rimuoverè mai il coperchio superiore del dispositivo. Questo prodotto non contiene parti riparabili dall'utente.



警告：感電の危険性を防ぐため、装置のトップカバーを開けないようにしてください。使用者による内部コンポーネントの修理は行えません。



警告：为避免身体接触危险的电流或遭到电击，切勿取下设备的顶盖。设备内的所有组件都不是用户所能维修的。



警告：若要避免身體遭受觸電的危險，請不要移除裝置上面的殼蓋。裏面並沒有使用者可用的元件。



Danger: Use only power cords that have a grounding path. Without a proper ground, a person who touches the switch is in danger of receiving an electrical shock. Lack of a grounding path to the switch may result in excessive emissions.



Vorsicht: Verwenden Sie nur Netzkabel mit Schutzerdung. Ohne ordnungsgemäße Schutzerdung besteht für Personen, die den Switch berühren, die Gefahr eines elektrischen Schlages. Eine nichtvorhandene Schutzerdung kann zu sehr starken Abstrahlungen führen.



Danger: n'utilisez que des cordons d'alimentation équipés de trajet de mise à la terre. Sans mise à la terre adaptée, vous risquez de recevoir une décharge électrique en touchant le commutateur. Par ailleurs, l'absence de trajet de mise à la terre peut générer des émissions excessives.



Peligro: Utilice únicamente cables de alimentación con toma de tierra. De lo contrario, al tocar el interruptor puede recibir una descarga eléctrica. Si no hay un circuito de toma de tierra en el enchufe, puede producirse un exceso de emisiones.



Pericolo: Utilizzare esclusivamente cavi di alimentazione dotati di un percorso per la messa a terra. Senza un'adeguata messa a terra, chiunque tocchi lo switch corre il rischio di ricevere una scossa elettrica. L'assenza di un percorso per la messa a terra verso lo switch può comportare un eccesso di emissioni.



危険: 接地経路を持つ電源コードを必ず使用するようになしてください。適切な接地がない状態でスイッチに触ると、感電する危険性があります。また、スイッチへの接地経路がないと、過度な放電を引き起こす可能性があります。



危險: 請勿使用沒有接地的電線。若未妥善接地，接觸開關的人員可能有遭受觸電的危險。開關若缺乏接地則可能有漏電之虞。



危險: 請僅使用接地的電源線。如果電源線不接地或接地不當，接觸交換機的人員可能會受到電擊。如果交換機不接地，則可能導致放電過量。



Warning: Disconnecting the AC power cord is the only way to turn off AC power to this device. Always connect the AC power cord in a location that can be reached quickly and safely in case of an emergency.



Warnung: Das Gerät kann nur durch Ziehen des Netzsteckers ausgeschaltet werden. Schließen Sie das Netzkabel an einer Steckdose an, die in Notfällen schnell und sicher zugänglich ist.



Avertissement: pour mettre le module hors tension, vous devez impérativement déconnecter le cordon d'alimentation. En outre, vous devez dégager un espace minimal dans la zone de câblage pour pouvoir y accéder facilement en cas d'urgence.



Advertencia: Para apagar el dispositivo debe desenchufar el cable. Conecte siempre el cable de alimentación a una toma segura y de fácil acceso por si se produjera alguna situación de emergencia.



Avviso: l'unico modo per disattivare questo dispositivo consiste nello scollegare il cavo di alimentazione. Collegare sempre il cavo di alimentazione ad una presa che sia facilmente e rapidamente accessibile in caso di emergenza.



警告: この装置の電源は、電源コードを抜かない限り切断できません。緊急の場合にすばやく安全に切断できる場所に電源コードを接続してください。



警告: 若要關閉此裝置的電源，拔掉插頭是唯一的方法。為了因應緊急狀況，請將電源線連接到可以快速插拔的地方。



警告: 断开交流电源线是切断本设备的交流电源的唯一方法。交流电源线一定要连接到在紧急时刻可以快速安全地接触到的位置。



Warning: Fiber optic equipment can emit laser or infrared light that can injure your eyes. Never look into an optical fiber or connector port. Always assume that fiber optic cables are connected to a light source.



Vorsicht: Glasfaserkomponenten können Laserlicht bzw. Infrarotlicht abstrahlen, wodurch Ihre Augen geschädigt werden können. Schauen Sie niemals in einen Glasfaser-LWL oder ein Anschlußteil. Gehen Sie stets davon aus, daß das Glasfaserkabel an eine Lichtquelle angeschlossen ist.



Avertissement: L'équipement à fibre optique peut émettre des rayons laser ou infrarouges qui risquent d'entraîner des lésions oculaires. Ne jamais regarder dans le port d'un connecteur ou d'un câble à fibre optique. Toujours supposer que les câbles à fibre optique sont raccordés à une source lumineuse.



Advertencia: Los equipos de fibra óptica pueden emitir radiaciones de láser o infrarrojas que pueden dañar los ojos. No mire nunca en el interior de una fibra óptica ni de un puerto de conexión. Suponga siempre que los cables de fibra óptica están conectados a una fuente luminosa.



Avvertenza: Le apparecchiature a fibre ottiche emettono raggi laser o infrarossi che possono risultare dannosi per gli occhi. Non guardare mai direttamente le fibre ottiche o le porte di collegamento. Tenere in considerazione il fatto che i cavi a fibre ottiche sono collegati a una sorgente luminosa.
