Start Here
Before you begin installation of your switch, check the Package Contents listed in the Hardware Installation Guide that supports your switch (7200, 7300, or 7300S) on your Resource CD. If any item is missing or damaged, contact your place of purchase.

Other documentation available on your Resource CD for your switch are the 7000 Series Managed Switch Administration Guide, and a Command Line Interface Reference Manual for each switch series (7200, 7300, or 7300S).

Follow these quick steps to install your switch. You can also consult the full Hardware Installation Guide on the Resource CD.

Set Up the Switch

1. INSTALL THE SWITCH USING ONE OF THE FOLLOWING METHODS
   a. On a flat surface: Put one of the rubber footpads that came with the switch on each of the four concave spaces on the bottom of the switch.
   b. In a Rack: Use the rack-mount kit supplied with your switch, following the installation instructions included with the kit.

2. APPLY AC POWER
   When you apply power, the power LED can display the following behavior:
   • The power LED will blink yellow as it conducts a Power-On Self Test (POST). After the switch passes the POST, the LED turns green. The switch is now functional. If the POST fails, the Power LED will remain yellow (see "Troubleshooting" in the Hardware Installation Manual for assistance).
   • If the power LED does not light, check that the power cable is plugged in correctly and that the power source is good. If this does not resolve the problem, see "Troubleshooting" in the Hardware Installation Guide on the Resource CD.

3. CONNECT DEVICES TO THE SWITCH
   • Use Category 5 (Cat5) cable to connect between network ports at speeds of 100Mbps or less.
   • Use Category 5e (Cat5e) for 1000Mbps networking speed.
   Fiber SFP modules are shipped separately. If you need instructions on installing an SFP module, please refer to the Hardware Installation Guide on the Resource CD.

   Note: In the room housing the switch, ensure that the ambient temperature does not exceed the specified operating temperature and that the environment is free of water condensation.

Perform the Initial Configuration

This switch can be managed through its Web interface, or by using the Command Line Interface (CLI) through the serial console port. This guide describes the Web method. The CLI method is also described to determine a DHCP-assigned IP address or to use ezconfig to assign a static IP address. For Web management, follow one of the following three procedures, depending upon how your PC is set up.

PC in DHCP client mode without DHCP server
PC with static IP address
PC in DHCP client mode with DHCP server

To perform extensive CLI management, see both the CLI Reference Manual for your switch and the 7000 Series Administration Guide.

PC in DHCP Client Mode without DHCP Server

If no DHCP server is present, the switch assumes a default IP address of 169.254.100.100 and a subnet mask of 255.255.0.0. The switch is in the same subnet used by a PC NIC port when in DHCP-client mode without a DHCP server present. Use this IP value to log into the switch (see "Web Login to the Switch").

PC with Static IP Address

When the PC is in this mode, the switch must also be assigned a static IP address. To assign a static IP Address, access the switch from the serial console port as follows:

1. CONNECT A CONSOLE TO THE SWITCH
   Using the null-modem cable supplied with the switch, connect a VT100/ANSI terminal or a workstation to the switch port labeled Console.

2. START A TERMINAL EMULATION PROGRAM (TEP)
   a. Start a TEP using the appropriate method for your operating system:
      • Windows users can use HyperTerminal.
      • Windows Vista users should download a TEP from the Internet.
      • Macintosh users can use ZTerm.
      • UNIX users can use a terminal emulator such as TIP.
   b. Configure the TEP to use the following settings (they are written below the connector on the switch front panel):
      • Baud rate: 9,600 bps
      • Data bits: 8
      • Parity: none
      • Stop bit: 1
      • Flow control: none
   c. At the command prompt User:, login to the switch using the user name admin, then press Enter. At the password prompt, press Enter again (no password is needed for initial configuration).
   d. At the next command prompt, type ezconfig and press Enter. The ezconfig utility is now running in the switch. Use it to set up your static IP address and subnet mask as shown in the following example. Make sure that the selected switch IP address is in the same subnet as that of the PCs.
**2. FIND THE SWITCH IP ADDRESS ASSIGNED BY THE DHCP SERVER**

After locating the switch IP address:

a. Perform steps 1 through 3 of the procedure “PC with Static IP Address”.

b. Type the show network command and press Enter. A screen will display that shows the active switch IP address.

c. Use this IP address to login to the switch through its Web Management interface (see “Web Login to the Switch”).

**Web Login to the Switch**

Use the appropriate IP address for your configuration to manage your switch through its Web interface.

1. Type `http://<ipaddress>` into the URL window of your browser. A screen with the model number of your switch, similar to the following, will display.

2. Click LOGIN. The following screen will display.

3. Type `admin` for the username and leave the password field blank.

4. Click OK. The Management screen will display. You can now navigate from this point to configure your switch.

**Customer Support**

After completing setup and configuration, locate the serial number on the bottom label of the 7600 Series Managed Switch and use it to register your product at http://www.netgear.com/register.

Registration on the web site or over the phone is required before you can use our telephone support service. The phone numbers for worldwide regional customer support centers are on the Warranty and Support Information card that came with your product.

Go to http://www.netgear.com/support for product updates and web support.

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**PC in DHCP Client Mode with DHCP Server**

By default, the switch is configured as a DHCP client to obtain its IP address from a DHCP server in the connected network. You must access the switch from the serial console port.

1. **MAKE SURE THAT THE SWITCH IS CONNECTED TO A DHCP SERVER**

   a. Use this IP value to login to the switch (see “Web Login to the Switch”).

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