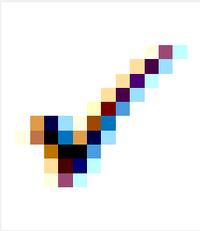# Bootstrap Configuration of VX

Once you have completed the physical installation of the VX chassis, you must perform a bootstrap configuration of the VX unit before configuring it for your environment and placing it into service.

Bootstrap Configuration Information

Before performing the bootstrap configuration of the VX unit, gather the following information:

	Information	Description
	License	Software key or hardware dongle (HASP) provided with the VX unit. The HASP license key is the number located at the USB port of the VX chassis.
	User Name	Choose an administrative user name for the VX unit.
	User Password	Choose an administrative user level 0 password for the VX unit. Level 0 provides full administrative access.
	IP Address	IP address for the VX unit
	Subnet Address	Subnet mask for the VX unit
	IP Default Router	IP address for the VX unit's gateway router
	Node ID	VX node identifier (in decimal format)
	Node Name	Text name for the VX unit
	FTP User Name	(Optional) Choose a user name for FTP access to the VX unit.
	FTP User Password	(Optional) Choose a user password for FTP access to the VX unit.

Attach VT100 Terminal

VX uses VT100 terminal communication to perform the bootstrap configuration, which requires a 9-pin serial cable and a VT100 terminal or PC equipped with a serial port and a terminal emulator application.

To attach a VT100 Terminal with Serial Cable:

1. Connect a 9-pin serial cable to the VX unit. For help in locating the serial connector on the VX chassis, see the VX Chassis Types page.

2. Connect the other end of the serial cable to a VT100 terminal or PC running a terminal emulator such as Microsoft HyperTerminal or PuTTY.
   - Configure the terminal or terminal emulator for 80 columns and 24 rows.

Perform Bootstrap Configuration

> ⓘ If your unit came with hardware dongle (HASP), **DO NOT ATTACH** the hardware key until prompted to do so.

To perform a bootstrap configuration of the VX unit:

1. Verify that your VT100 terminal or emulator is attached via 9-pin serial cable, following the instructions above.
2. Power on the VX unit.

   A copyright screen should appear in the VT100 terminal display.
3. When prompted, press **Ctrl-D** to launch the setup script.

   > ⚠ If you receive a request for drives during setup, then you have attached the hardware dongle before being prompted. Cancel the setup, remove the dongle and restart the unit.

4. Follow the on-screen prompts to complete the bootstrap configuration of the VX unit.

   > ⚠ To modify your settings, return to the beginning of the setup script by typing `setup`.

5. Complete and save the configuration by typing `exit`.
6. Apply the configuration settings by by typing `restart`.

   The VX unit is now configured and accessible on your IP network.

Next Steps

- Install the VX client applications that came with your VX unit:
    - VXbuilder
    - VXgate
    - VXwatch
- Refer to the Configuring VX section for information on configuring VX for your environment.
- Further configuration of the VX unit can be performed as follows:
    - Use a VT100 terminal connection and Command Line Interface to configure VX
    - Use the VXbuilder client application, connect to the VX unit (Node) and configure it.