

Upgrading Asanté IntraCore 3524 via Zmodem

This upgrade process refers to using a Windows PC and Hilgraeve's HyperTerminal application that comes bundled with Microsoft Windows. Other terminal applications that use X/Y/Zmodem protocols will be very similar in their configuration.

Make a connection to the console port of the Asanté IntraCore 3524 switch from the PC's serial port with a straight through DB9 to DB9 serial cable.

Start a terminal session with HyperTerminal or other terminal software. Select the appropriate Com Port that the serial cable is attached to from the PC to the Console port on the switch. The terminal software configuration settings used to connect to the IntraCore 3524 are:

Data Rate: 9600

Data Bits: 8

Parity: None

Stop Bits: 1

Flow Control: None

In the Configuration screen select the Settings tab. Set the Emulation type as follows:

Emulation type: VT100

Save these new settings by clicking on the "OK" button.

You should now see the main menu for the IntraCore 3524 switch in the terminal session window. Hit Enter if you don't see the switch's main menu.

Type in your password and hit Enter.

Type "c" for the Configuration screen.

Type "f" for File Downloading Configuration

Type "x" for X/Y/Zmodem Up/Downloading Configuration

Type "z" for Zmodem Image File Downloading configuration

NOTE: you can also select "x" or "y" for Xmodem or Ymodem protocols

Type "c" for Change Baud Rate Setting

Type "g" for Change Baud Rate Setting. Selecting 57,600bps is the fastest download rate supported by the switch.

You will need to quit the terminal session at this point.

Re-start your terminal session and select a new Data Rate setting of 57,600bps to properly communicate to the switch again. The other terminal settings remain the same.

Return to the X/Y/Zmodem Image File Downloading Configuration menu.

The currently active bootbank on the switch will say "running" next to it in the Configuration Screen. The Destination Bank for the image code upgrade will need to be the opposite of the active bootbank.

Type "a" to toggle the Destination Bank if necessary.

Type "d" to download the new image code, but not restart the switch when done.

Type "b" to download the new image code and restart the switch when done.

At this point the switch will wait for you to direct it to the new image code file. This is done through HyperTerminal or other terminal software.

Go to the Transfer menu of your terminal software and select Send File. You can either browse to the image code file, or type in the path to reach the image code file. Make sure that the terminal software is set to the proper protocol of X, Y, or Zmodem according to your File Downloading Configuration selection in the IntraCore 3524 switch.

Select Send and the file transfer will begin.

Once the download is complete the switch will either re-boot automatically, or wait for you to restart the switch manually depending on the download option you chose. There is also a scheduling option found in the Bootstrap parameters of the switch that can be set

in System Reset Options. The System Reset Option allows for a scheduled reset of the switch. Make sure that you also set the switch to load the correct image code boot-bank that you want when the switch resets at the scheduled time.

After the switch re-boots the baud rate will return to the switch's default of 9600bps. To re-establish communication through the Console port you must start a new Terminal session, changing the baud rate back to 9600bps.