

Firmware Download Instruction

Windows 95, NT and Windows 2000

Before beginning the firmware download, make sure to have **IP address, user name** of the **host machine** and **IP address of the switch**. Make sure that the current switch configuration data has been saved, it must be available for reload if needed.

If you are not sure the current switch configuration data is available, see Telnet commands "**configUpload**" and "**configDownload**" in the 2109 or 3534 User's Guide for the procedure to upload and download the switch configuration file.

1. Download New Firmware: [2109 Model S08/S16 or 3534 Model 1RU](#)
2. Download and save the latest firmware and rsh.zip into a directory. Un-zip all files into the same directory (ie. c:\firmware).
3. Have the customer isolate this switch and ensure that all I/O operations through the switch have stopped.
4. Open a DOS windows, go to firmware directory (cd firmware), enter: **rshd** [to execute the RSH daemon] and **keep** the windows opened.
Example: **C:\firmware>rshd**
5. From a **second** DOS windows start a Telnet session to the switch over Ethernet LAN-attached that has connectivity to the switch.
Format is: **c:\>telnet** [switch ipAddress]
6. Login using the admin userid: login: **admin**
7. Password: **password**
8. Type the following command to download firmware:
firmwaredownload ["ipAddress"], ["userName"], ["fileName"]

ipAddress is PC's ipAddress.

UserName is PC's user name

Example:

switch:admin>

firmwareDownload "9.111.23.1", "John", "c:/firmware/v2.6.0c"

107584+5788+131208, csum ecbf

loading to ram

writing flash 0

download complete

switch:admin>

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9. The switch will need to be rebooted following the firmware download.
switch:admin> fastboot

NOTE: When reboot the switch the Telnet session will be disconnected.

10. Do step 5, 6 and 7 to Telnet back to the switch.

11. Verify the new level of firmware has been installed and everything is functional.
switch:admin> version