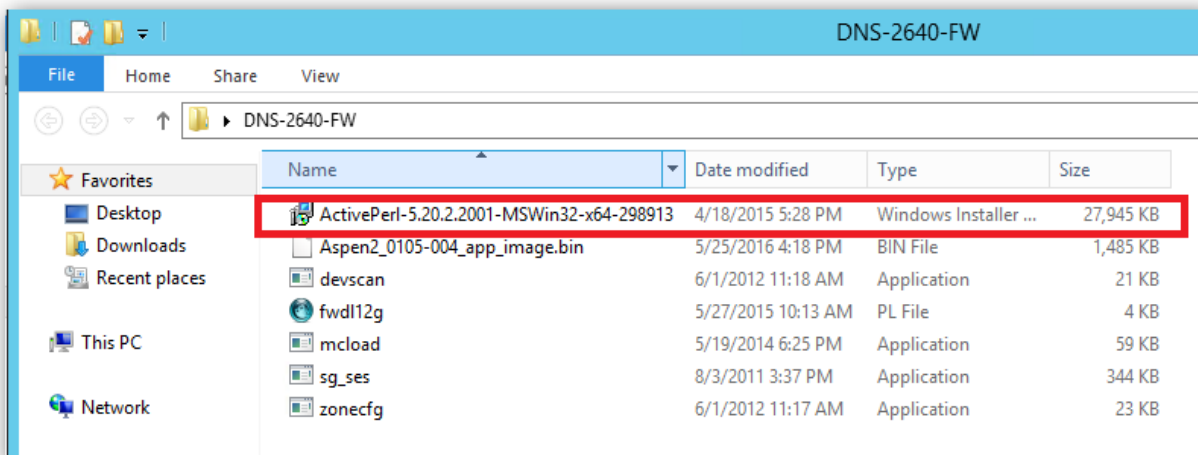


## DNS-2640 Firmware Update

First, extract and copy DNS-2640-FW folder to c:\

Install 'ActivePerl' (Re-boot server when finished)



**\*\*\*Be sure to use COMMAND PROMPT\*\***

Access the directory

- C:\ DNS-2640-FW

Use ".\mcload.exe -scan" to determine the Device Names to download the image to.

Next, enter the command line: "**perl fwdl12g.pl -device=Scsi#:#,##,## Aspen2\_0105-004\_app\_image.bin**", with the Device Name (##,##,##) that corresponds to your particular enclosure (Re-peat this step for the other IO module/Device Name)

```
Administrator: Command Prompt

C:\DNS-2640-FW>mcload.exe -scan

Type Description Prt Bus TID LUN Device Name
-----
SES DataON DNS-2640 0102 2 6 22 0 Scsi(2,6,22,0)
SES DataON DNS-2640 0102 2 6 47 0 Scsi(2,6,47,0)

C:\DNS-2640-FW>perl fwdl12g.pl -device=Scsi2:6,22,0 Aspen2_0105-004_app_image.bin
Running in: MSWin32
Thu Jun 30 12:26:09 2016
Downloading Aspen2_0105-004_app_image.bin to: Scsi2:6,22,0
File Length = 1519852

Downloading = 0x173000 of 0x1730EC length 0xEC0
Thu Jun 30 12:26:51 2016 - delta 42 seconds
Done.

C:\DNS-2640-FW>perl fwdl12g.pl -device=Scsi2:6,47,0 Aspen2_0105-004_app_image.bin
Running in: MSWin32
Thu Jun 30 12:27:37 2016
Downloading Aspen2_0105-004_app_image.bin to: Scsi2:6,47,0
File Length = 1519852

Downloading = 0x173000 of 0x1730EC length 0xEC0
Thu Jun 30 12:28:18 2016 - delta 41 seconds
Done.
```

When the download is complete; **Power-cycle** the enclosure

Confirm update is successful by entering the command: **".\mcload.exe -scan"** again

```
C:\DNS-2640-FW>mcload.exe -scan

Type Description Prt Bus TID LUN Device Name
-----
SES DataON DNS-2640 0105 2 6 22 0 Scsi(2,6,22,0)
SES DataON DNS-2640 0105 2 6 47 0 Scsi(2,6,47,0)

C:\DNS-2640-FW>_
```