# Dell Server Maintenance
## Using Dell's SUU to Update Driver/FW

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## 1. OVERVIEW

This will discuss how to apply Dell's Server Update Utility (SUU) for Dell PowerEdge Servers.

SUU is a CD that can be run from the Windows desktop, for both windows 2000 and Windows 2003, to update the Drivers and Firmware.

### 1.1 Getting the SUU CD

1) You can obtain the SUU ISO image from:

| | |
|---|---|
| 1st choice | techplanet.creo.com > Software > Dell Platforms > Any PE Server > Downloads |
| 2nd choice | support.dell.com. Choose a PE Server and select Windows 2000 Downloads > Systems Management > Dell CD ISO - PowerEdge Updates. |

2) Use an ISO supported CDROM burning application to make the CD. Some ISO supported applications are:

| | |
|---|---|
| ISO Recorder Power Toy (Freeware) | http://isorecorder.alexfeinman.com/isorecorder.htm |
| Nero - Burning ROM | http://www.ahead.de |
| EasyCD Creator (Roxio) | http://www.roxio.com |

### 1.2 Server vs. SUU Versions

Dell is discontinuing support from Legacy Server. The following Servers will only be supported up to version 4.51A of SUU.

- PE2400, PE2500, PE4400, PE6400, PE6450

| | PE400SC | PE700 | PE800 | PE830 | PE1400SC | PE1600SC | PE2400 | PE2500 | PE2600 | PE2650 | PE2800 | PE2850 | PE2900 | PE2950 | PE4400 | PE4600 | PE6400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUU v4.51 | √ | √ | √ | x | √ | √ | √ | √ | √ | √ | √ | √ | x | x | √ | √ | √ |
| SUU v5.0 | x | √ | √ | √ | x | √ | x | x | √ | √ | √ | √ | x | x | x | √ | x |

## 1.3 SUU Idiosyncrasies

SUU for the most part updates the drivers and firmware to the current levels. There are some items specific to certain platforms that it doesn't pick up so well.

| Server | OS | Issue |
|---|---|---|
| PE400SC | All | Failed to detect Graphics Driver update. This is non critical and can usually be ignored. |
| PE830 | All | SUU v4.50A and v4.51 state there are no updates available for the Server. This is not true but will likely be addressed in v5.0 of SUU. |
| PE2800<br>PE2850 | All | Failed to detect Graphics Driver update. This is non critical and can usually be ignored. |
| PE6400 | All | Missing the Perc2/DC Driver. This must manually be downloaded and installed.<br>Missing the Perc2/DC Firmware. This must be manually downloaded and installed. |

# 2. APPLYING UPDATES

1) Log into an account with Administrative privileges.
2) Insert the SUU CD. It should autostart. If not run **\SUULauncher.exe**. This will take a minute or 2 to load.
3) Select your computer and hit **Update** and follow the prompts.
4) Once the update is complete restart your computer.
5) After you log back into Windows restart SUU. Current and Repository versions should be the same and Status should have a green checkmark for all components.

**Note:** If you have trouble using SUU to install updates you must download from Dell the **Floppy Binary** of the latest versions of your failed component.

SUU relies on the minimum versions of firmware and driver to be able to support desktop updates. In some cases the versions installed are older then this supported ability. Kodak TechPlanet versions are all Desktop Updates so you must go directly to http://support.dell.com for the floppy binary of the correct versions.