Applicable IBM Power Distribution Units (PDU)

The firmware code in this package applies to the following IBM Power Distribution (PDU) Units.
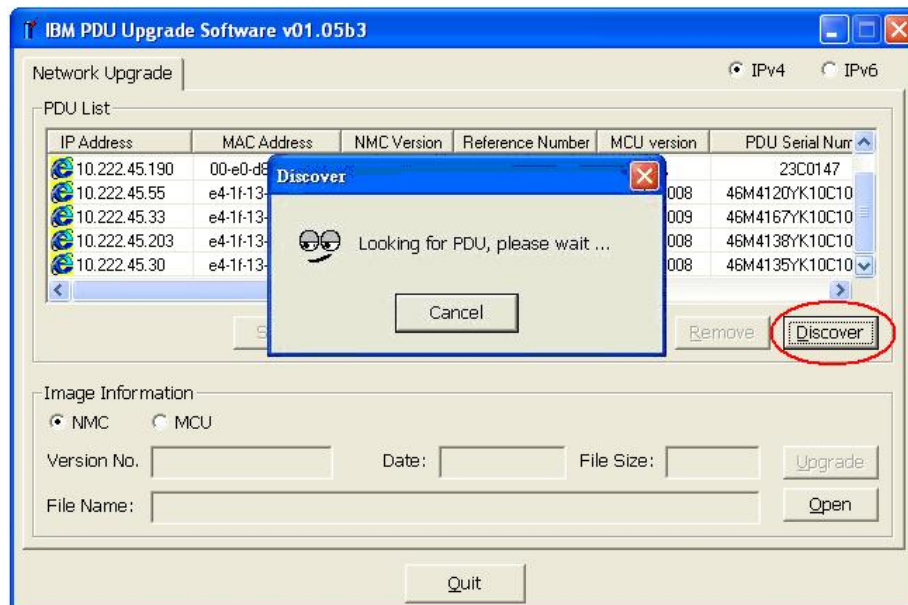
PDU name	Order part numbers
IBM 0U C19 / C13 Switched and Monitored PDU	46M4134
	46M4135
	46W1573
	46M4136
	46W1574
	46M4137
	46M4138
	46W1575
	46M4139
	46W1576
IBM 0U C13 Switched and Monitored PDU	46M4116
	46M4117
	46W1561
	46M4118
	46W1562
	46M4119
	46M4120
	46W1563
	46M4121
	46W1564
IBM 1U Switch and Monitored PDU C19 / C13 3 phase	46M4167
	46M4168
	46W1581
	46M4169
	46W1582

Note: The PDUs have the following connectors:
- IBM 0U C19 / C13 Switched and Monitored PDU – 12x C19, 12x C13
- IBM 0U C13 Switched and Monitored PDU – 24x C13
- IBM 1U Switch and Monitored PDU C19 / C13   3 phase – 9x C19, 3x C13

IBM PDU Firmware Upgrade Procedure

1. Run the "IBM_PDU_Upgrade.exe" to upgrade the firmware via your Network. Press Discover button to find IBM PDUs on your network.
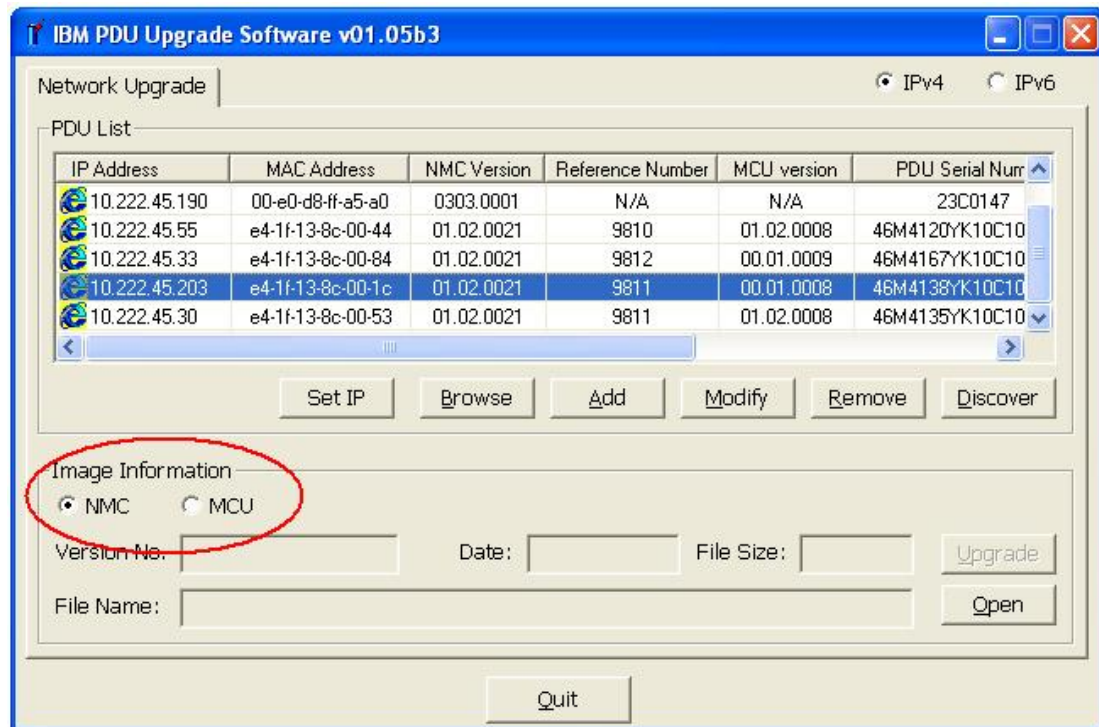

NOTE: you may need to click Discover a couple of times to find all PDU's depending on the latency of the network

2. Double click on the IBM PDU you would like to upgrade and then enter the user name and password for each. By default it is set to "USERID" and "passw0rd". (with the number zero instead of the letter O)
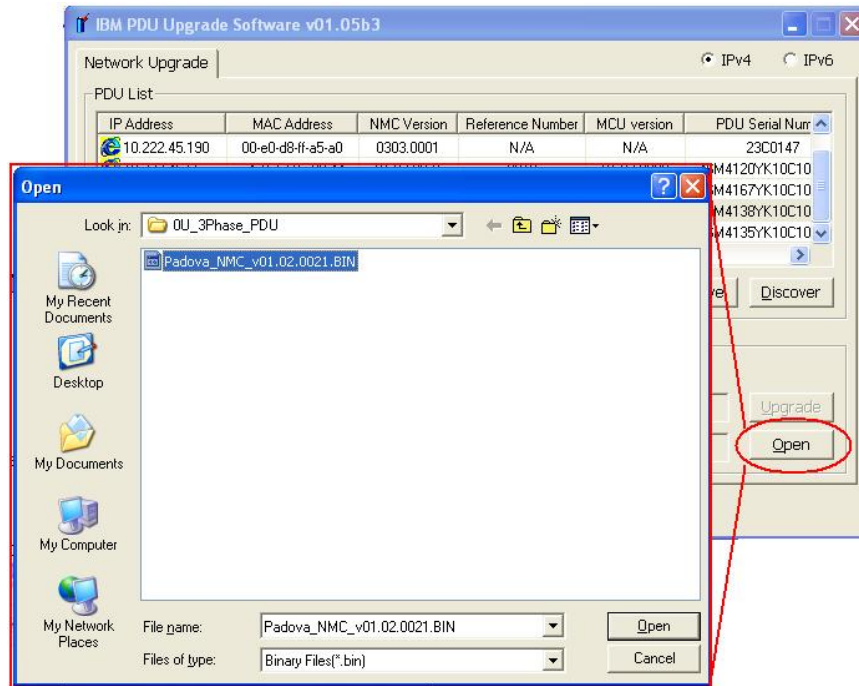
3. Next select which processor firmware you would like to upgrade, either MCU or NMC. By default NMC is selected but you can upgrade either processor in any order. Just be sure to select the correct file in the next step.
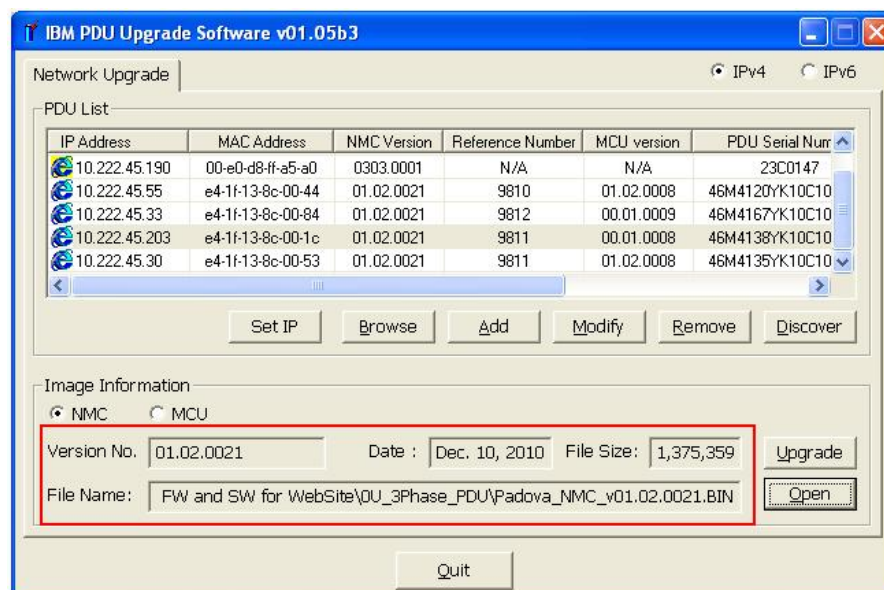
4. Select the firmware file by clicking on the "Open" button and then selecting the appropriate firmware file based on your selection in step 3 either MCU or NMC.
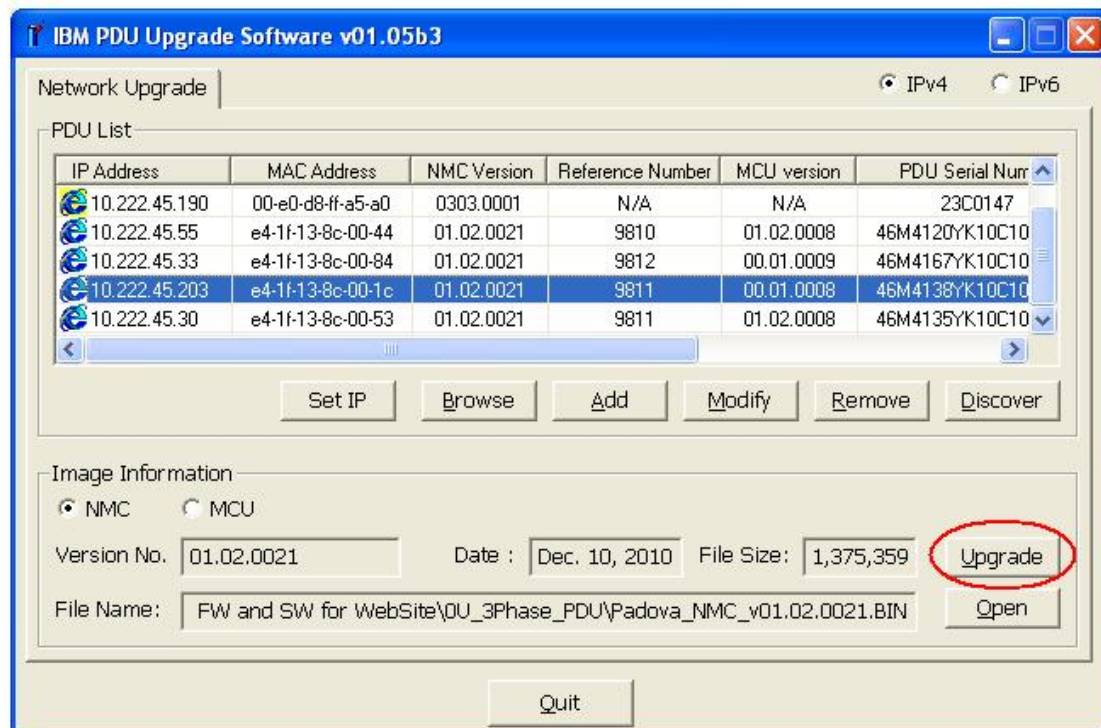
NOTE: The NMC Firmware file name ends in ".BIN" and the MCU Firmware file name ends in ".s19". <u>Be sure to check the readme.txt file with the FW to ensure compatibility with your PDU.</u>
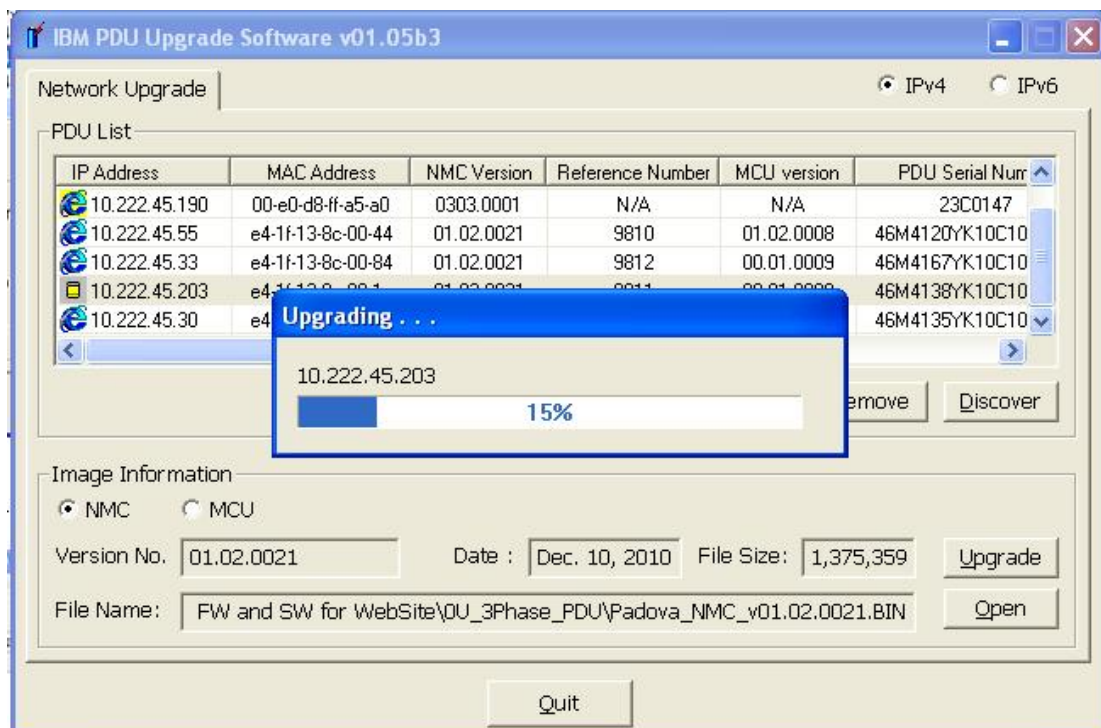

Once the firmware file has been selected, the firmware file details are displayed in the lower section of the upgrade tool as shown below.

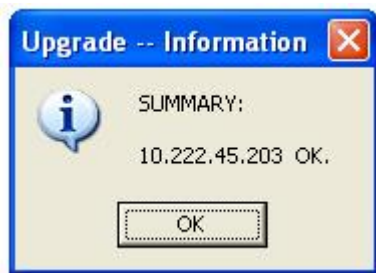5. Click "Upgrade" button to begin the Firmware Upgrade process.

During the upgrade process a progress bar will be displayed.

NOTE: The PDU interface may be offline during the upgrade process however it will auto recover once the upgrade has completed.

6. Once the upgrade completes a message similar to the one below will be displayed and the PDU web interface will automatically restart within 1 minute.

This firmware upgrade is complete.

To Upgrade another PDU with the same selected Firmware
- Double-click on the PDU from the list, enter the username and password and then click the Upgrade button again.

To Upgrade the second processor on the same PDU
- Restart the upgrade process from step 3 and select the alternate processor.