How is a Windows 7 recovery image installed on a VM2?

Information

Article Number 000043406

Question/Problem How is a Windows 7 recovery image installed on a VM2?

Resolution The recovery DVD will start a WinPE image which will run the command file 'startnet.bat'.

This command file contains the following commands:
```
call wpeutil WaitForRemovableStorage
call peshell.exe
call wpeutil reboot
```

'peshell.exe' is an executable, and responsible for the following actions:

1. Format the harddisk with 2 partitions.
    1. A small 10 MB partition, used for firmware updates.
    2. A large partition for the Windows OS.
2. Run 'diskpart.exe' and use the commands from the file 'format.sc'
3. Populate the first small partition with FreeDOS, using the command file 'prepdisk.bat'
4. Apply the file 'install.wim' to the 2nd partition.

After the installation of the .WIM file, the user will be asked to remove the removable medium, and the device will reboot.

Note: The CF Card in the VM2 is a special card with controller firmware, which makes the CF Card to act as a hard disk, and which also allows to create 2 partitions on it.
Most CF Cards do not support this feature, and therefor it is recommended to use only CF Cards supplied by Honeywell.

A more detailed explanation and the contents of the command files can be downloaded from here.

Applies To

- Mobility Hardware: VM2 Thor
- Operating Systems: Windows 7

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