

Topic: Repairing the Master Boot Record to Avoid a Grub/LILO Boot
Component(s) Affected: Operating System
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OVERVIEW / ENVIRONMENT

If you image a Blade with another operating system after installing the Grub or LILO bootloader during a Linux install, the machine will continue to boot to the Grub/LILO bootloader and will not boot the Windows OS. This applies when Linux has been removed, or when imaging a new operating system over the Linux install.

RESOLUTION

Wiping the disk clean (using `A:\fdisk` or `A:\format C:`) does not remove the master boot record. Boot the Blade using a Windows 98 boot disk (one that includes the **fdisk** utility) and use the command:

```
A:\fdisk /mbr
```

You can do this before or after loading the Windows OS.

TROUBLESHOOTING

One symptom of this issue is seeing the Grub or LILO bootloader after imaging the Blade with a Windows OS. The boot loader will not provide the option to boot to Windows and the Grub/LILO configuration cannot be edited because the files were deleted during the imaging process.

Another symptom of this issue can be seen when booting with Windows 2000 boot disks (4 disk set). A blue screen will occur while the disks are loading.

For more information, please contact ClearCube technical support.

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