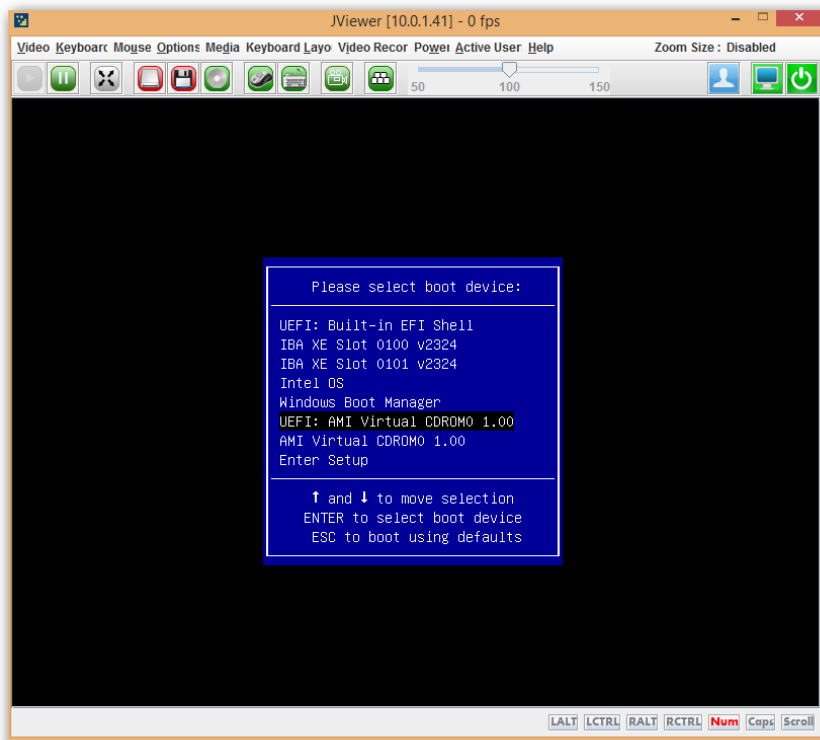
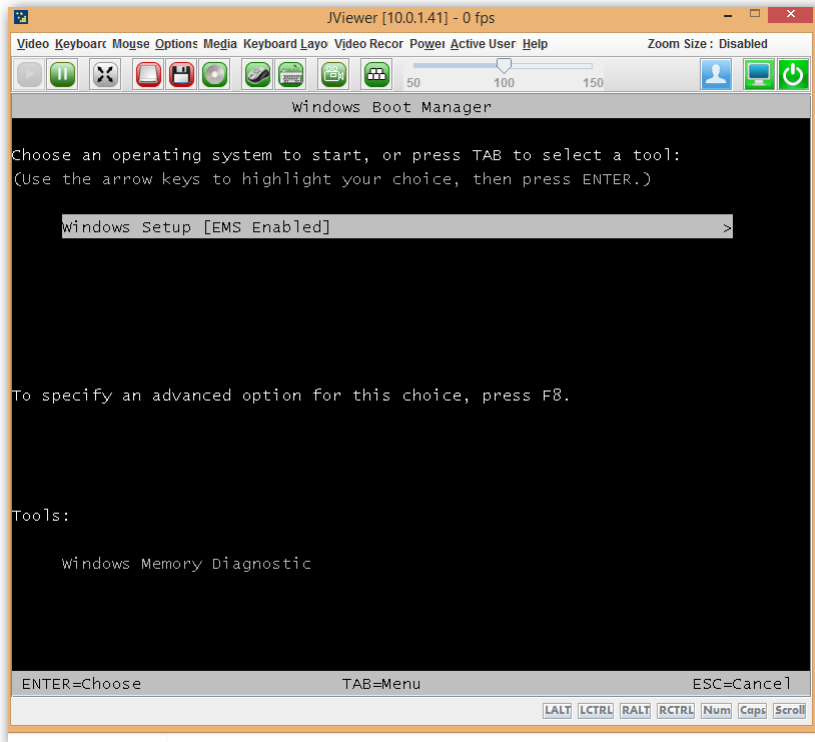


Reset the Boot Configuration Data (BCD) after replacing node

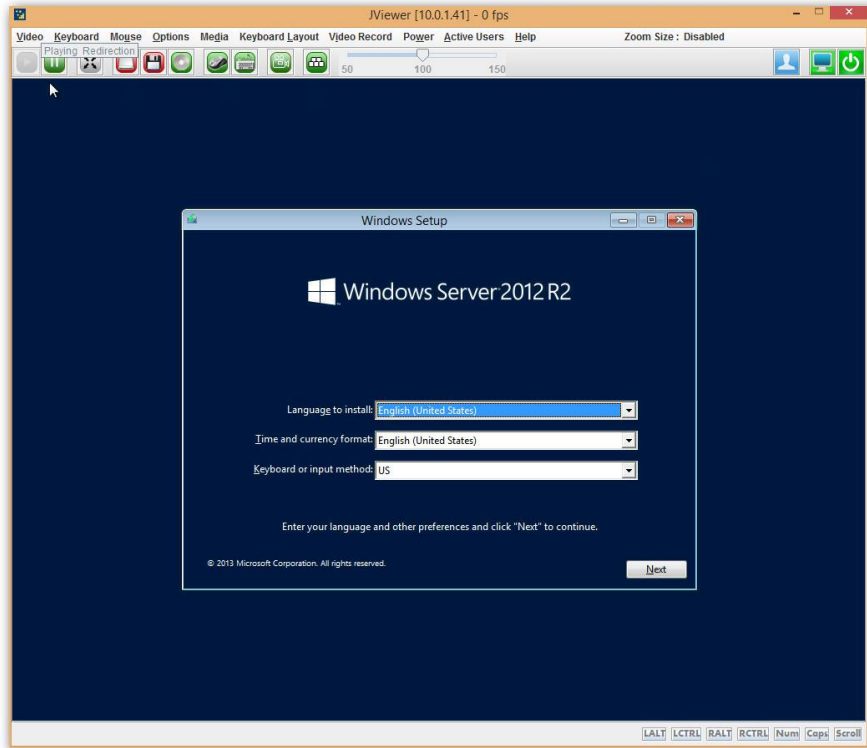
1. Install the original boot drives to the replacement node.
2. Insert Windows OS Installation CD
3. Power on the node and press “F7” when noted:



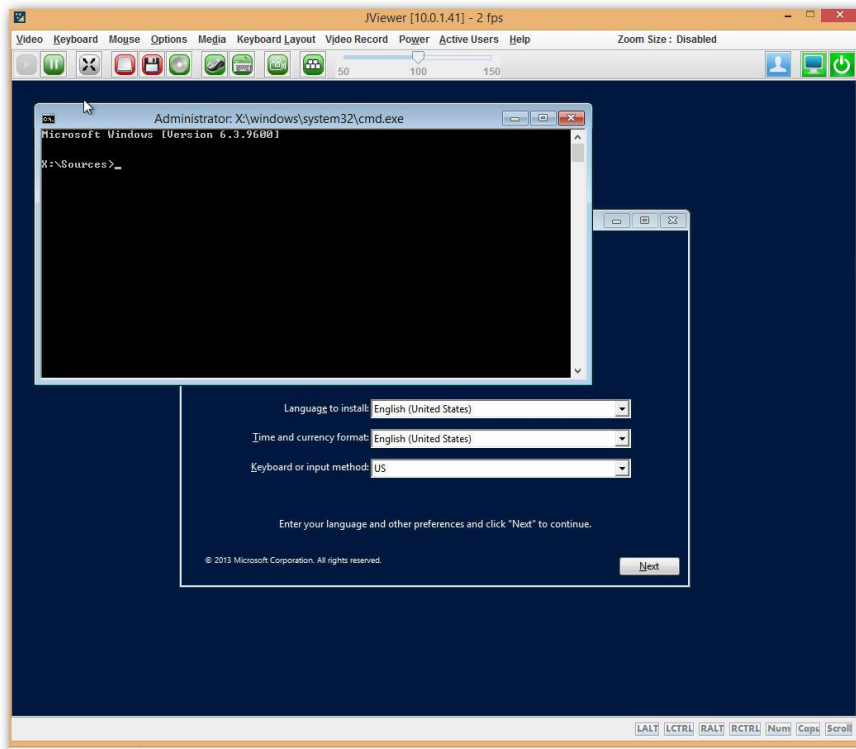
4. Select "UEFI" virtual CDROM and then "press any key"



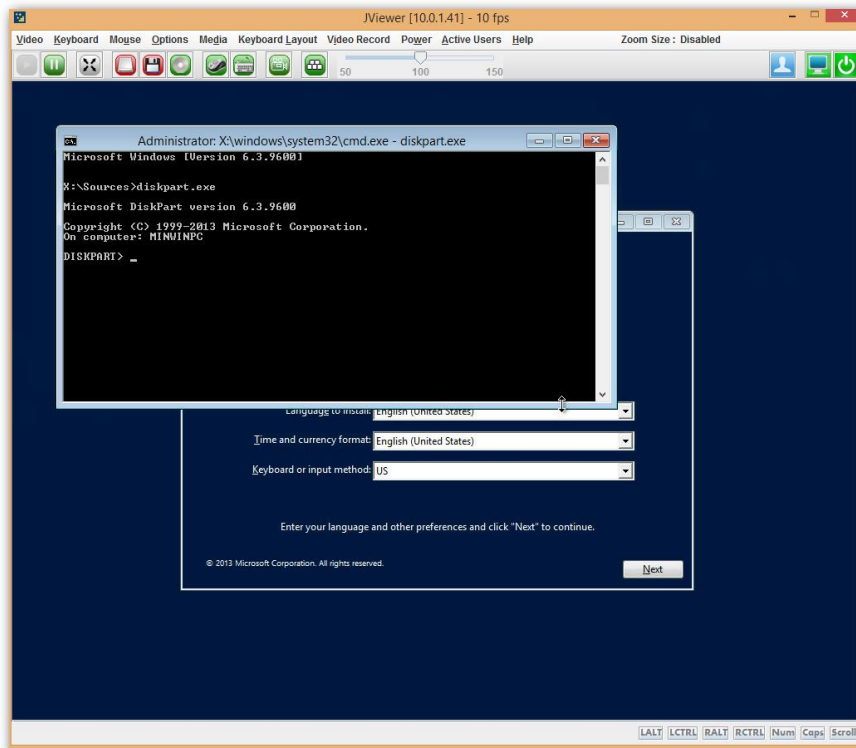
5. Select "Windows Setup"
6. Then, you will see a screen as shown below:



7. "shift+F10", summon the command prompt



8. Type in command "diskpart.exe"



9. Type in "list disk"

```

Administrator: X:\windows\system32\cmd.exe - diskpart.exe
Copyright (C) 1999-2013 Microsoft Corporation.
On computer: MINWINPC

DISKPART> list disk

Disk ###  Status             Size      Free      Dyn  Gpt
-----  -
Disk 0    Offline            1676 GB   1676 GB
Disk 1    Offline            1676 GB   1676 GB
Disk 2    Offline            1676 GB   1676 GB
Disk 3    Offline            1676 GB   1676 GB
Disk 4    Offline            1676 GB   1676 GB
Disk 5    Offline            1676 GB   1676 GB
Disk 6    Offline            1676 GB   1676 GB
Disk 7    Offline            1676 GB   1676 GB
Disk 8    Offline            1676 GB   1676 GB
Disk 9    Offline            1676 GB   1676 GB
Disk 10   Offline            1676 GB   1676 GB
Disk 11   Offline            1676 GB   1676 GB
Disk 12   Offline            1676 GB   1676 GB
Disk 13   Offline            1676 GB   1676 GB
Disk 15   Offline            1676 GB   1676 GB
Disk 16   Online              113 GB     0 B

```

According to the pic above, you should be able to tell which disk is your boot disk by its size. In our example, "Disk 16". Also, please make sure your boot disks are still configured as RAID 1.

10. Type in "list volume"

```

DISKPART> list volume

Volume ###  Ltr  Label          Fs      Type          Size      Status       Info
-----  -
Volume 0    D   IRM_SSS_X64    UDF     CD-ROM        4085 MB   Healthy
Volume 1    C   OS             NTFS    Partition     112 GB   Healthy
Volume 2                SYSTEM        NTFS    Partition     300 MB   Healthy  Hidden
Volume 3                SYSTEM        FAT32    Partition     100 MB   Healthy  Hidden

```

In the picture above, you can see the volume with letter "C" is your OS drive (boot drive).

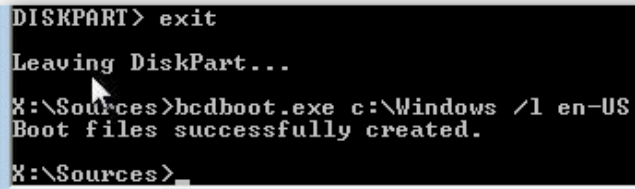
11. Then, type "exit" to exit from diskpart.exe

```

DISKPART> exit
Leaving DiskPart...
X:\Sources>

```

12. Then, create a boot file so that the node can boot into Windows.
Use the command line: `bcdboot.exe c:\Windows /l en-US`



```
DISKPART> exit
Leaving DiskPart...
X:\Sources>bcdboot.exe c:\Windows /l en-US
Boot files successfully created.
X:\Sources>
```

Please note that the letter “c” represent the boot disk volume. You may need to change the letter according to the result in “Step 10”.