

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:

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

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8. Type in command "diskpart.exe"

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9. Type in "list disk"

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SKPART> 1	ist disk		-		. .	
DISK ###	Status	512e	Free	Dyn	Gpt	
nisk Ø	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	Ø 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"

Volume ###	Ltr	Labe1	Fs	Т уре 	Size	Status	Info
Volume Ø	D	IRM_SSS_X64	UDF	CD-ROM	4085 MB	Healthy	
Volume 1	С	0S	NTFS	Partition	112 GB	Healthy	
Volume 2			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





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



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".