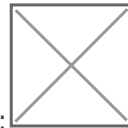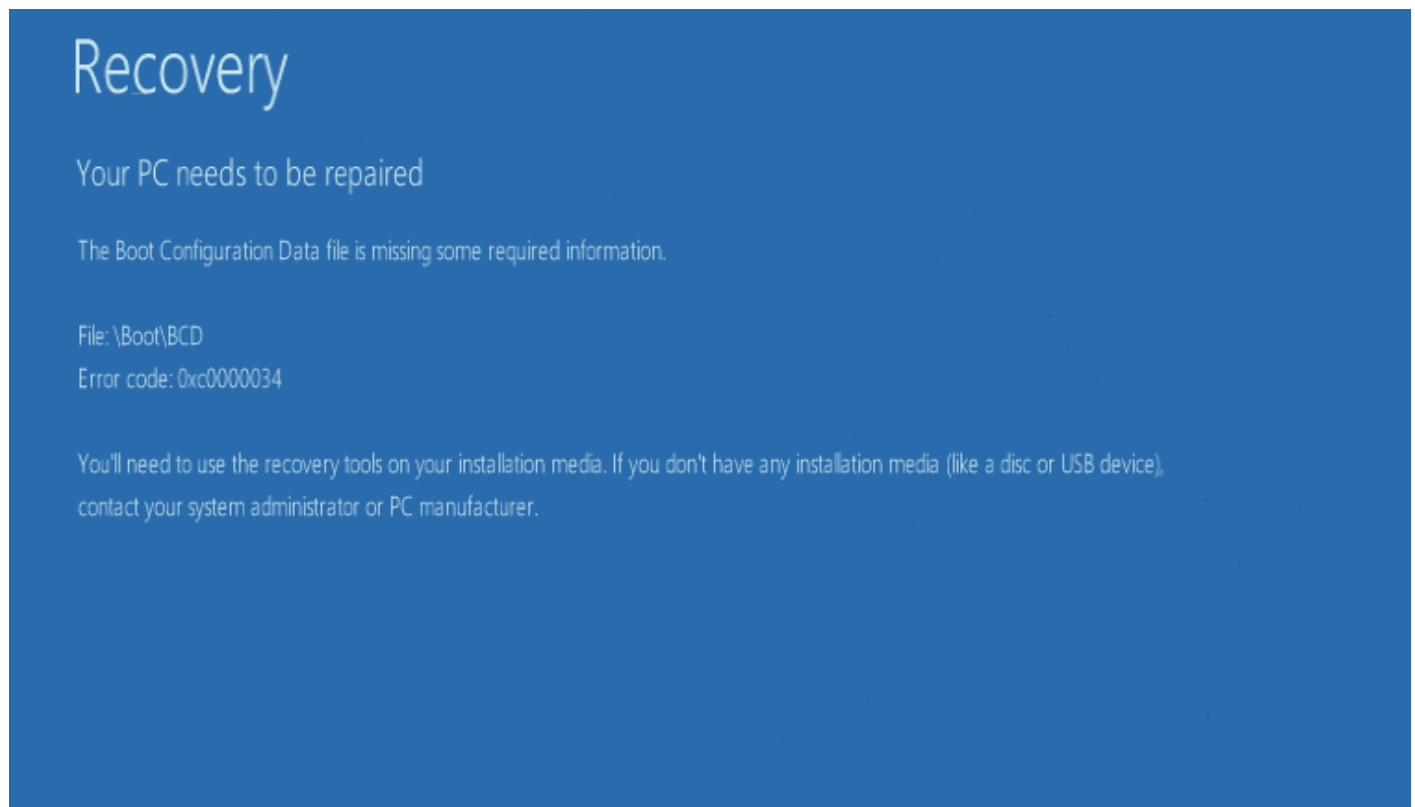# Windows Server 2012 booting in recovery (GPT/UEFI FIX)

If OS keeps booting in recovery, this is how you can fix it:

Open the CMD in the windows live cd and start diskpart and list the disks that are available:

```
diskpart
list disk
```

Select the disk for the OS

```
sel disk 0
```

List the volumes inside that disk:

```
list vol
```

Select the partition in FAT as it is you EFI boot partition

```
sel vol 4
```

Assign a letter to the EFI partition so you can mount it

```
assign letter=G:
```

Exit diskpart

```
exit
```

cd in the EFI boot

```
cd /d G:\EFI\Microsoft\Boot\
```

run a bootrec

```
bootrec /FixBoot
```

rename the BCD inside the path G:\EFI\Microsoft\Boot\

```
ren BCD BCD.old
```

Recreate the BCD file using bcdboot

```
bcdboot c:\Windows /l en-us /s G: /f All
```

 You can also run a SFC scan as it might fix some errors

```
sfc /scannow /offbootdir=g:\ /offwindir=c:\windows
```

 Then exit reboot and check if the OS can boot

A common error after reboot could be a system file is corrupted such as the error below:

```
                            Windows Boot Manager

Windows failed to start. A recent hardware or software change might be the
cause. To fix the problem:

   1. Insert your Windows installation disc and restart your computer.
   2. Choose your language settings, and then click "Next."
   3. Click "Repair your computer."

If you do not have this disc, contact your system administrator or computer
manufacturer for assistance.

     File: \windows\system32\config\system

     Status: 0xc000000f

     Info: Windows failed to load because the system registry file is
           missing, or corrupt.




 ENTER=Continue                                                  ESC=Exit
```

To fix it boot back in the live CD and open a CMD and rename the system file as old:

```
cd /d C:\Windows\System32\config\
ren system system.old
```

The RegBack contains a working version of the system file so just copy it over.

```
copy C:\Windows\System32\config\RegBack\system C:\Windows\System32\config\
```

Then exit reboot and check if everything is working :)

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