How to resolve Windows server boot loop after patching.

“how to” "boot issue" "handle boot issue” "after patching" “dism” “not booting” “boot looping” “boot loop”

Steps to resolve Windows server boot issue loop after patching.

Server abcd was in reboot loop post OS patching.

 reverted the pending updates then server came online and able to RDP fine.

DISMcmd:  dism/image: C:\ /cleanup-image /revertpendingactions

– Reverting pending update using DISM command was unsuccessful. Hence renamed the System and Software hives in the original location (D:\Windows\System32\Config) and replaced the hive files from REG backup (D:\windows\System32\Config\Regbackup), following to LKGC server came online.

D:\windows\System32\Config\Regbackup>copy System D:\windows\System32\Config

D:\windows\System32\Config\Regbackup>copy Software D:\windows\System32\Config

Commands to identify KB and perform trouble shoot steps:

dism /image:C:\ /get-packages /format:table > Result.txt ---- To identify the install pending KB

Dism /image:C:\ /remove-package /packagename:<enter the package name>

Package\_for\_KB4577010~31bf3856ad364e35~amd64~~6.1.1.1

Run SFC Offline - SFC /Scannow /OffBootDir=C:\ /OffWinDir=C:\Windows