# The Service Desk keeping the Servers Fresh

[Windows Server’s to Be Patched List](https://goughgroupltd-my.sharepoint.com/:x:/g/personal/blair_doherty_goughgroup_co_nz/EVqHI7tUc3ZJgcrT6GhcqqEBqnkTQaTs5Yz0WZH0YJ4Ffg?e=KJ8D9q)

[Patching Checklist to work off of](https://goughgroupltd-my.sharepoint.com/:x:/g/personal/blair_doherty_goughgroup_co_nz/EVYrkOSkBTxPm8ga-pPWFCwB8-LQPvBGtZU1z1xBOA-InQ?e=Ja0Zjk)

[Taking a VM Snapshot.docx](https://goughgroupltd-my.sharepoint.com/:w:/g/personal/blair_doherty_goughgroup_co_nz/EXGPoQ1G2whOsN0n0UZirEIB7KsmkHACS68IyZI2P8ZOzA?e=KkHFZ8)

## Helpful Tips:

CTRL + Shift + ; will put in the current time in Excel

<https://countwordsfree.com/comparetexts>

Could maybe try this RDP software <https://www.royalapps.com/ts/win/features>

Requirements:

• Resize RDP Display option to at most 1280x768 (this allows you to interact with multiple RDP sessions better), it is important RDP sessions are NOT full screen.

• Ensure Taskbar settings are set to Never Combine Taskbar buttons, you need to be able to quickly access any RDP session, depending on how many servers are being patched, you might run a three high taskbar.

• Use a desktop\server that has high visibility to most the servers being patched.

• When copying the commands below, copy the extra line below also, that ensures the last line is run.

• This assumes server are VM’s, physical machines would get a “shutdown /r” instead of /s

>>> confirm services running before patching <<<

The following could be copied into a notepad text file and used to copy commands from, into each RDP session’s command prompt.

>>> Copy and paste this into a cmd window, to launch multiple RDP sessions below:

mstsc /v GoughServerName01

mstsc /v GoughServerName02

mstsc /v GoughServerName03

mstsc /v GoughServerName04

mstsc /v GoughServerName05

mstsc /v GoughServerName06

mstsc /v GoughServerName07

Respond to any “Don’t prompt me again” boxes so they don’t prompt again

>>> Copy and paste below into each RDP sessions Command prompt (creates a “before” text file) <<<

>>> Record in Checksheet !!

md c:\PATCHING

net start > c:\PATCHING\%DATE:~10,4%%DATE:~4,2%%DATE:~7,2%-Before.TXT

dir c:\PATCHING

shutdown /S

>>> Snapshot (powered off snapshots are best, no data in transit) <<<

>>> Record in Checksheet !!

>>> Power on and RDP back into the server list and Run all below from Command prompt as Administrator <<<

>>> Record in Checksheet !!

net start wuauserv

control /name Microsoft.WindowsUpdate

>>> Check for and Install updates, reboot as required <<<

>>> Repeat, reboot, repeat until green Windows update ticks <<<

>>> Record in Checksheet !!

>>> RDP back into the server list and start final checks <<<

>>> Record in Checksheet !!

The below (creates an “after” text file)

net start > c:\PATCHING\%DATE:~10,4%%DATE:~4,2%%DATE:~7,2%-After.TXT

services.msc

eventvwr

explorer c:\PATCHING

>>> Confirm clean Event logs, Services started <<<

>>> Compare \*Before.TXT with \*After.TXT to <<< C: PATCHING folder (Both before and after text files should be there)

>>> confirm services are running afterwards. <<<

>>> REMOVE SNAPSHOTS <<<

>>> Record in Checksheet !!