* **ping** 192.168.100.1
* **ipconfig /all**
* **ipconfig /flushdns**
* **ipconfig /registerdns**
* **ipconfig /release**
* **ipconfig /renew**
* **ipconfig /displaydns**
* **nalookup**(find dns records)
* **tracert** google.com
* **shutdown /r /m** [**\\pc2**](file:///\\pc2) (This command will restart computer pc2.)
* **shutdown /s /m** [**\\pc2**](file:///\\pc2) (This command will shut down the remote computer.)
* **shutdown /d** (View previous shutdown/restart logs.)
* **shutdown /l /m** [**\\pc2**](file:///\\pc2) (Log user off of a remote computer.)
* **shutdown /r /m \\pc2 /t 0** (Restart a remote computer with no countdown.)
* **shutdown /s /t 60** (Shutdown the local computer and specify the time period before shutdown in seconds.)
* **shutdown /m \\pc2 /c** "Rebooting computer, have a nice day"
* **shutdown /a** (Abort a system shutdown.)
* **shutdown /s /f** (Force applications to close without warning.)
* **gpupdate** (This command will pull down any GPO changes to the computer.)
* **gpupdate /force** (Use /force to reapply all the GPOs on the computer.)
* **netstat -a** (Display all connections in numerical order.)
* **netstat -a -n** (Display all connections in numerical order.)
* **netstat -ab** (Displays the executable that is used to create the connection.)
* **netstat -e** (Displays ethernet statistics. This is a quick way to check for network card errors and discards.)
* **netstat -abo** (Displays the exe and the process ID (PID) associated with the connection.)
* **netstat -r** (Displays the computer local routing table.)
* **netstat -af** (Displays FQDN with the connection info.)
* **dcdiag /s:DC1** To run dcdiag on a specific domain controller use this command
* **net stop spooler** (stop and start the printer spooler service.)
* **net start spooler** (start the spooler service.)
* **system info /s pc1** (command on remote computers with the /s parameter)
* **getmac /s pc1** (To run on a remote computer use the /s parameter.)
* **gpresult /r** (To display all applied GPOs run this command)
* **gpresult /r /scope:user** (Display GPOs applied to the user.)
* **gpresult /r /scope:computer** (Display GPOs applied to the computer.)
* **gpresult /s pcname** (Display GPOs for a remote computer.)
* **gpresult /h c:\report.html** (Generate an HTML report.)
* **gpresult /r > c:\result.txt** (Send command output to a text file.)
* **whoami** (Get the current logged on user.)
* **whoami /groups** (Display the user groups to which the current user belongs.)
* **whoami /upn** (Display the user name in UPN format)
* **whoami /user** (Displays current domain, username and users SID)
* **whoami /all** (Displays all information for the current user)
* **mkdir folder1** (make directory)
* **sfc /scannow** (system file checker)
* **net use** [**\\srv-vm1\share**](file:///\\srv-vm1\share)(The net use command is used to connect and remove shared sources such as network drives and printers.)
* **chkdsk** (To check the disk in read-only mode run the below command.)
* **chkdsk /f** (Use /F to fix any errors found on the disk.)
* **route print** (To view the local computers routing table use the route print command)
* **powercfg /list** (List all power schemes:)
* **tasklist** (display running processes)
* **taskkill** (end process)
* **taskkill /pid 1808 /f** (I forcefully end process PID 1808)
* **diskpart list disk** (To display a list of disks on the local computer is these commands.)
* **del c:\it\pass.txt** (Delete a single file.)
* **del c:\it\\*.exe** (Delete all exe files.)
* **del c:\it\\*.\*** (Delete files and subfolders.)
* **schtasks** (View scheduled tasks)
* **SCHTASKS /Delete /TN "\Backup\Backup and Restore" (**Delete a scheduled task**)**
* **net user /domain (**To get all the user accounts from the domain controller.)
* **net user username /domain (**Get domain account details.)
* **arp -a** (Display the arp cache for all interfaces)
* **arp -d** (To clear the arp cache use this command)
* **hostname (**This windows command displays the host name of the computer**)**
* **psexec \\pc1 ipconfig** (PsExec allows you to execute commands on remote computers. This is useful when you need to troubleshoot a remote computer without taking full control of it.I’ll run ipconfig on the remote computer pc1 to get the IP address information**.**)
* **manage-bde -status** (Check if bitlocker status)
* **manage-bde -on** (Turn on bitlocker and encrypt the drive)
* **mstsc /f 192.168.100.10** (Connect to the server using full screen)
* **mstsc /span 192.168.100.10** (Span rdp across multiple monitors.)
* [&&](https://serverfault.com/questions/3780/useful-windows-commands/6628#6628) - Command Chaining
* [%SYSTEMROOT%\System32\rcimlby.exe -LaunchRA](https://serverfault.com/questions/3780/useful-windows-commands/5101#5101) - Remote Assistance (Windows XP)
* [appwiz.cpl](https://serverfault.com/questions/3780/useful-windows-commands/3787#3787) - Programs and Features (Formerly Known as "Add or Remove Programs")
* [appwiz.cpl @,2](https://serverfault.com/questions/3780/useful-windows-commands/3959#3959) - Turn Windows Features On and Off (Add/Remove Windows Components pane)
* [arp](https://serverfault.com/questions/3780/useful-windows-commands/29672#29672) - Displays and modifies the IP-to-Physical address translation tables used by address resolution protocol (ARP)
* [at](https://serverfault.com/questions/3780/useful-windows-commands/33330#33330) - Schedule tasks either locally or remotely without using Scheduled Tasks
* [bootsect.exe](https://serverfault.com/questions/3780/useful-windows-commands/21944#21944) - [Updates the master boot code for hard disk partitions to switch between BOOTMGR and NTLDR](http://technet.microsoft.com/en-us/library/cc749177(WS.10).aspx)
* [cacls](https://serverfault.com/questions/3780/useful-windows-commands/20468#20468) - Change Access Control List (ACL) permissions on a directory, its subcontents, or files
* [calc](https://serverfault.com/questions/3780/useful-windows-commands/5269#5269) - Calculator
* [chkdsk](https://serverfault.com/questions/3780/useful-windows-commands/23993#23993) - Check/Fix the disk surface for physical errors or bad sectors
* [cipher](https://serverfault.com/questions/3780/useful-windows-commands/13204#13204) - Displays or alters the encryption of directories [files] on NTFS partitions
* [cleanmgr.exe](https://serverfault.com/questions/3780/useful-windows-commands/3922#3922) - Disk Cleanup
* [clip](https://serverfault.com/questions/3780/useful-windows-commands/32955#32955) - Redirects output of command line tools to the Windows clipboard
* [cls](https://serverfault.com/questions/3780/useful-windows-commands/6627#6627) - clear the command line screen
* [cmd /k](https://serverfault.com/questions/3780/useful-windows-commands/5106#5106) - Run command with command extensions enabled
* [color](https://serverfault.com/questions/3780/useful-windows-commands/6912#6912) - Sets the default console foreground and background colors in console
* [command.com](https://serverfault.com/questions/3780/useful-windows-commands/12734#12734) - Default Operating System Shell
* [compmgmt.msc](https://serverfault.com/questions/3780/useful-windows-commands/3791#3791) - Computer Management
* [control.exe /name Microsoft.NetworkAndSharingCenter](https://serverfault.com/questions/3780/useful-windows-commands/3803#3803) - Network and Sharing Center
* [control keyboard](https://serverfault.com/questions/3780/useful-windows-commands/3800#3800) - Keyboard Properties
* [control mouse(or main.cpl)](https://serverfault.com/questions/3780/useful-windows-commands/3799#3799) - Mouse Properties
* [control sysdm.cpl,@0,3](https://serverfault.com/questions/3780/useful-windows-commands/5104#5104) - Advanced Tab of the System Properties dialog
* [control userpasswords2](https://serverfault.com/questions/3780/useful-windows-commands/3891#3891) - Opens the classic User Accounts dialog
* [desk.cpl](https://serverfault.com/questions/3780/useful-windows-commands/3874#3874) - opens the display properties
* [devmgmt.msc](https://serverfault.com/questions/3780/useful-windows-commands/3793#3793) - Device Manager
* [diskmgmt.msc](https://serverfault.com/questions/3780/useful-windows-commands/3795#3795) - Disk Management
* [diskpart](https://serverfault.com/questions/3780/useful-windows-commands/21936#21936) - [Disk management from the command line](http://support.microsoft.com/kb/300415)
* [dsa.msc](https://serverfault.com/questions/3780/useful-windows-commands/23272#23272) - Opens active directory users and computers
* [dsquery](https://serverfault.com/questions/3780/useful-windows-commands/4582#4582) - Finds any objects in the directory according to criteria
* [dxdiag](https://serverfault.com/questions/3780/useful-windows-commands/20418#20418) - DirectX Diagnostic Tool
* [eventvwr](https://serverfault.com/questions/3780/useful-windows-commands/4083#4083) - Windows Event Log (Event Viewer)
* [explorer .](https://serverfault.com/questions/3780/useful-windows-commands/3898#3898) - Open explorer with the current folder selected.
* [explorer /e](https://serverfault.com/questions/3780/useful-windows-commands/3898#3898), . - Open explorer, with folder tree, with current folder selected.
* [F7](https://serverfault.com/questions/3780/useful-windows-commands/31200#31200) - View command history
* [find](https://serverfault.com/questions/3780/useful-windows-commands/27233#27233) - Searches for a text string in a file or files
* [findstr](https://serverfault.com/questions/3780/useful-windows-commands/4861#4861) - Find a string in a file
* [firewall.cpl](https://serverfault.com/questions/3780/useful-windows-commands/6339#6339) - Opens the Windows Firewall settings
* [fsmgmt.msc](https://serverfault.com/questions/3780/useful-windows-commands/4031#4031) - Shared Folders
* [fsutil](https://serverfault.com/questions/3780/useful-windows-commands/4997#4997) - Perform tasks related to FAT and NTFS file systems
* [ftp](https://serverfault.com/questions/3780/useful-windows-commands/21967#21967) - Transfers files to and from a computer running an FTP server service
* [getmac](https://serverfault.com/questions/3780/useful-windows-commands/3864#3864) - Shows the mac address(es) of your network adapter(s)
* [gpedit.msc](https://serverfault.com/questions/3780/useful-windows-commands/11962#11962) - Group Policy Editor
* [gpresult](https://serverfault.com/questions/3780/useful-commandline-commands-on-windows/59902#59902) - Displays the Resultant Set of Policy (RSoP) information for a target user and computer
* [httpcfg.exe](https://serverfault.com/questions/3780/useful-windows-commands/15438#15438) - [HTTP Configuration Utility](http://technet.microsoft.com/en-us/library/cc787508.aspx)
* [iisreset](https://serverfault.com/questions/3780/useful-windows-commands/4027#4027) - To restart IIS
* [InetMgr.exe](https://serverfault.com/questions/3780/useful-windows-commands/3796#3796) - Internet Information Services (IIS) Manager 7
* [InetMgr6.exe](https://serverfault.com/questions/3780/useful-windows-commands/3796#3796) - Internet Information Services (IIS) Manager 6
* [intl.cpl](https://serverfault.com/questions/3780/useful-windows-commands/3808#3808) - Regional and Language Options
* [ipconfig](https://serverfault.com/questions/3780/useful-windows-commands/6902#6902) - Internet protocol configuration
* [lusrmgr.msc](https://serverfault.com/questions/3780/useful-windows-commands/3977#3977) - Local Users and Groups Administrator
* [msconfig](https://serverfault.com/questions/3780/useful-windows-commands/6822#6822) - System Configuration
* [notepad](https://serverfault.com/questions/3780/useful-windows-commands/4025#4025) - Notepad? ;)
* [mmsys.cpl](https://serverfault.com/questions/3780/useful-windows-commands/4422#4422) - Sound/Recording/Playback properties
* [mode](https://serverfault.com/questions/3780/useful-windows-commands/35208#35208) - Configure system devices
* [more](https://serverfault.com/questions/3780/useful-windows-commands/19077#19077) - [Displays one screen of output at a time](http://technet.microsoft.com/en-us/library/bb490933.aspx)
* [mrt](https://serverfault.com/questions/3780/useful-windows-commands/6305#6305) - Microsoft Windows Malicious Software Removal Tool
* [mstsc.exe](https://serverfault.com/questions/3780/useful-windows-commands/3784#3784) - Remote Desktop Connection
* [nbstat](https://serverfault.com/questions/3780/useful-windows-commands/19077#19077) - displays protocol statistics and current TCP/IP connections using NBT
* [ncpa.cpl](https://serverfault.com/questions/3780/useful-windows-commands/4421#4421) - Network Connections
* [netsh](https://serverfault.com/questions/3780/useful-windows-commands/21908#21908) - [Display or modify the network configuration of a computer that is currently running](http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/netsh.mspx?mfr=true)
* [netstat](https://serverfault.com/questions/3780/useful-windows-commands/19077#19077) - Network Statistics
* [net statistics](https://serverfault.com/questions/3780/useful-windows-commands/6372#6372) - Check computer up time
* [net stop](https://serverfault.com/questions/3780/useful-windows-commands/19077#19077) - [Stops a running service.](http://technet.microsoft.com/en-us/library/bb490715.aspx)
* [net use](https://serverfault.com/questions/3780/useful-windows-commands/19110#19110) - Connects a computer to or disconnects a computer from a shared resource, displays information about computer connections, or mounts a local share with different privileges [(documentation)](http://technet.microsoft.com/en-us/library/bb490717.aspx)
* [odbcad32.exe](https://serverfault.com/questions/3780/useful-windows-commands/3797#3797) - ODBC Data Source Administrator
* [pathping](https://serverfault.com/questions/3780/useful-windows-commands/8759#8759) - A traceroute that collects detailed packet loss stats
* [perfmon](https://serverfault.com/questions/3780/useful-commandline-commands-on-windows/64873#64873) - Opens Reliability and Performance Monitor
* [ping](https://serverfault.com/questions/3780/useful-windows-commands/25339#25339) - Determine whether a remote computer is accessible over the network
* [powercfg.cpl](https://serverfault.com/questions/3780/useful-windows-commands/12725#12725) - Power management control panel applet
* [qfecheck](https://serverfault.com/questions/3780/useful-command-line-commands-on-windows/125941#125941) - Shows installed Hotfixes applied to the server/workstation.
* [quser](https://serverfault.com/questions/3780/useful-windows-commands/4203#4203) - Display information about user sessions on a terminal server
* [qwinsta](https://serverfault.com/questions/3780/useful-windows-commands/6522#6522) - See disconnected remote desktop sessions
* [reg.exe](https://serverfault.com/questions/3780/useful-windows-commands/11244#11244) - Console Registry Tool for Windows
* [regedit](https://serverfault.com/questions/3780/useful-windows-commands/3900#3900) - Registry Editor
* [rasdial](https://serverfault.com/questions/3780/useful-windows-commands/4480#4480) - Connects to a VPN or a dialup network
* [robocopy](https://serverfault.com/questions/3780/useful-windows-commands/4546#4546) - Backup/Restore/Copy large amounts of files reliably
* [rsop.msc](https://serverfault.com/questions/3780/useful-windows-commands/7598#7598) - Resultant Set of Policy (shows the combined effect of all group policies active on the current system/login)
* [runas](https://serverfault.com/questions/3780/useful-windows-commands/19829#19829) - Run specific tools and programs with different permissions than the user's current logon provides
* [sc](https://serverfault.com/questions/3780/useful-windows-commands/6351#6351) - Manage anything you want to do with services.
* [schtasks](https://serverfault.com/questions/3780/useful-windows-commands/11548#11548) - Enables an administrator to create, delete, query, change, run and end scheduled tasks on a local or remote system.
* [secpol.msc](https://serverfault.com/questions/3780/useful-windows-commands/3845#3845) - Local Security Settings
* [services.msc](https://serverfault.com/questions/3780/useful-windows-commands/3786#3786) - Services control panel
* [set](https://serverfault.com/questions/3780/useful-windows-commands/6741#6741) - Displays, sets, or removes cmd.exe environment variables.
* [set DIRCMD](https://serverfault.com/questions/3780/useful-windows-commands/16022#16022) - [Preset dir parameter in cmd.exe](http://technet.microsoft.com/en-us/library/cc773112.aspx)
* [start](https://serverfault.com/questions/3780/useful-windows-commands/13100#13100) - Starts a separate window to run a specified program or command
* [start.](https://serverfault.com/questions/3780/useful-windows-commands/3962#3962) - opens the current directory in the Windows Explorer.
* [shutdown.exe](https://serverfault.com/questions/3780/useful-windows-commands/4987#4987) - Shutdown or Reboot a local/remote machine
* [subst.exe](https://serverfault.com/questions/3780/useful-windows-commands/6923#6923) - Associates a path with a drive letter, including local drives
* [systeminfo](https://serverfault.com/questions/3780/useful-windows-commands/6516#6516) -Displays a comprehensive information about the system
* [taskkill](https://serverfault.com/questions/3780/useful-windows-commands/6349#6349) - terminate tasks by process id (PID) or image name
* [tasklist.exe](https://serverfault.com/questions/3780/useful-windows-commands/5002#5002) - List Processes on local or a remote machine
* [taskmgr.exe](https://serverfault.com/questions/3780/useful-windows-commands/3817#3817) - Task Manager
* [telephon.cpl](https://serverfault.com/questions/3780/useful-windows-commands/4426#4426) - Telephone and Modem properties
* [timedate.cpl](https://serverfault.com/questions/3780/useful-windows-commands/4428#4428) - Date and Time
* [title](https://serverfault.com/questions/3780/useful-windows-commands/6468#6468) - Change the title of the CMD window you have open
* [tracert](https://serverfault.com/questions/3780/useful-windows-commands/6901#6901) - Trace route
* [whoami /all](https://serverfault.com/questions/3780/useful-command-line-commands-on-windows/123091#123091) - Display Current User/Group/Privilege Information
* [wmic](https://serverfault.com/questions/3780/useful-windows-commands/32530#32530) - Windows Management Instrumentation Command-line
* [winver.exe](https://serverfault.com/questions/3780/useful-windows-commands/4847#4847) - Find Windows Version
* [wscui.cpl](https://serverfault.com/questions/3780/useful-windows-commands/4431#4431) - Windows Security Center
* [wuauclt.exe](https://serverfault.com/questions/3780/useful-windows-commands/25318#25318) - [Windows Update AutoUpdate Client](http://technet.microsoft.com/en-us/library/cc720477.aspx)
* FOR /L %A IN (10,1,20) DO netsh interface ipv4 add address “Local Area Connection” 192.168.1.%A 255.255.255.0 - Add multiple ip address to single NIC card