

# ■ 200 Windows Problem Fix Commands

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## System Repair & Health

sfc /scannow – Scan & repair system files  
DISM /Online /Cleanup-Image /RestoreHealth – Repair Windows image  
chkdsk C: /f /r – Check and repair disk errors  
systeminfo – Display system information  
ver – Show Windows version  
shutdown /r /f /t 0 – Force restart  
shutdown /s /f /t 0 – Force shutdown  
powercfg /energy – Generate energy report  
powercfg /batteryreport – Battery health report  
cleanmgr – Open Disk Cleanup

## Network Troubleshooting

ipconfig /all – Display all IP info  
ipconfig /release – Release IP address  
ipconfig /renew – Renew IP  
ipconfig /flushdns – Clear DNS cache  
netsh winsock reset – Reset Winsock  
netsh int ip reset – Reset TCP/IP  
ping 8.8.8.8 – Test internet connection  
tracert google.com – Trace route  
nslookup google.com – DNS lookup  
netstat -an – List all network connections  
route print – Display routing table  
arp -a – Display ARP cache  
netsh wlan show profile – Show WiFi profiles  
netsh wlan delete profile name=profile – Delete WiFi profile  
netsh wlan export profile key=clear – Export WiFi keys  
netsh interface show interface – Show network interfaces  
netsh advfirewall reset – Reset firewall rules

net stop dhcp – Stop DHCP service  
net start dhcp – Start DHCP service  
netsh firewall show state – Show firewall state

## Disk & File Management

diskmgmt.msc – Disk Management  
defrag C: – Defragment disk  
format D: /fs:ntfs – Format drive D  
robocopy source destination /E – Copy files with structure  
xcopy source destination /E /H /C /I – Copy directories  
del /f /s /q C:\Windows\Temp\\*. \* – Delete temp files  
rmdir /s /q foldername – Delete folder  
attrib -h -r -s /s /d \*. \* – Remove hidden attributes  
fsutil dirty query C: – Check dirty bit  
sdelete -p 3 filename – Securely delete file

## User & Account Management

net user – List users  
net user username password /add – Add user  
net localgroup administrators username /add – Make admin  
net user username /delete – Delete user  
net user administrator /active:yes – Enable admin  
net user administrator /active:no – Disable admin  
control userpasswords2 – Advanced account settings  
lusrmgr.msc – Local Users and Groups  
whoami /groups – Display user groups  
rundll32.exe user32.dll,LockWorkStation – Lock PC

## System Configuration & Services

msconfig – System configuration  
services.msc – Manage services  
taskmgr – Task Manager  
eventvwr – Event Viewer  
perfmon – Performance Monitor  
resmon – Resource Monitor

gpedit.msc – Group Policy Editor  
secpol.msc – Local Security Policy  
compmgmt.msc – Computer Management  
sysdm.cpl – System Properties

## Windows Update & Activation

wuauclt /detectnow – Force update check  
wuauclt /updatenow – Start updates  
usoclient startscan – Scan for updates  
usoclient startinstall – Install updates  
control update – Open Windows Update  
slmgr /ipk XXXXX-XXXXX-XXXXX-XXXXX-XXXXX – Install key  
slmgr /ato – Activate Windows  
slmgr /xpr – Check activation status  
slmgr /rearm – Reset activation timer  
sc query wuauserv – Check update service status

## Boot & Startup Repair

bcdedit /enum all – Display boot entries  
bootrec /fixmbr – Repair MBR  
bootrec /fixboot – Repair boot sector  
bootrec /scanos – Scan installations  
bootrec /rebuildbcd – Rebuild boot configuration  
bcdboot C:\Windows – Recreate boot files  
reagentc /enable – Enable recovery environment  
bcdedit /set {default} safeboot minimal – Safe mode boot  
bcdedit /deletevalue {default} safeboot – Exit safe mode  
srtrtail.txt – View startup repair log

## Security & Firewall

wf.msc – Windows Firewall settings  
netsh advfirewall show allprofiles – Show firewall profiles  
netsh advfirewall set allprofiles state off – Disable firewall  
netsh advfirewall set allprofiles state on – Enable firewall  
rstrui – System Restore

mrt – Malicious Software Removal Tool  
WindowsDefender: – Open Windows Security  
explorer ms-settings:windowsdefender – Defender settings  
net accounts /minpwlen:8 – Set minimum password length  
net accounts /maxpwage:30 – Set password expiry

## PowerShell Admin Tools

Get-EventLog -LogName System -Newest 20  
Get-Service | Where-Object {\$\_.Status -eq 'Running'}  
Restart-Service Spooler  
Stop-Process -Name notepad  
Get-Process | Sort CPU -Descending | Select -First 10  
Get-Disk  
Get-NetAdapter  
Test-Connection google.com  
Get-WindowsFeature  
Restart-Computer -Force  
Get-ChildItem Env: – Show environment vars  
Get-Command \*network\* – Find network commands  
Get-Help Get-Process – Show help  
Set-ExecutionPolicy RemoteSigned  
Get-WmiObject Win32\_OperatingSystem  
Get-HotFix – List installed updates  
Get-LocalUser  
Enable-LocalUser -Name Administrator  
Disable-LocalUser -Name Guest  
Get-ComputerInfo

## Misc & Utilities

calc – Calculator  
notepad – Notepad  
mspaint – Paint  
osk – On-screen keyboard  
magnify – Magnifier  
snippingtool – Snipping Tool  
write – WordPad

control printers – Printers folder  
hdwwiz.cpl – Add Hardware Wizard  
timedate.cpl – Date and Time settings  
ncpa.cpl – Network connections  
inetcpl.cpl – Internet options  
main.cpl – Mouse settings  
desk.cpl – Display settings  
appwiz.cpl – Programs and Features  
joy.cpl – Game controllers  
mmsys.cpl – Sound settings  
intl.cpl – Region settings  
powercfg.cpl – Power options  
logoff – Log off current user