

■ 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

wuauctl /detectnow – Force update check
wuauctl /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
srrtrail.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
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Misc & Utilities

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