

## Windows and Linux Commands Comparison

Tool Name	Windows Command	Linux Command
Listing Directory	dir	ls
File Copy	copy	cp
Move File	move	mv
Delete File	del	rm
Make Directory	mkdir	mkdir
Check Disk Usage	chkdsk	df
Network Configuration	ipconfig	ifconfig/ip
Task Manager	taskmgr	top/htop
System Information	msinfo32	lshw/lscpu
Disk Management	diskmgmt.msc	fdisk/lslblk
System Configuration	msconfig	systemctl
Device Manager	devmgmt.msc	lspci/lsusb
Open Command Prompt	cmd	bash
View Running Services	net start	systemctl status
Terminate Process	taskkill	kill/killall
View Network Connections	netstat	netstat
DNS Lookup	nslookup	dig/nslookup
View File Content	type	cat
Edit File	notepad	nano/vi
Logging	Event Viewer	journalctl
User Management	net user	useradd
Add User	net user /add	useradd
Delete User	net user /delete	userdel

Change Password	net user <user> *	passwd
Create File	echo > filename	touch filename
Rename File	ren	mv
Search for Files	find	find
Show Hidden Files	dir /a:h	ls -a
Show Free Disk Space	fsutil volume diskfree	df -h
Mount Disk	mountvol	mount
Unmount Disk	mountvol /D	umount
Check Open Ports	netstat -an	ss -tuln
List Running Processes	tasklist	ps -aux
Shutdown System	shutdown /s	shutdown now
Restart System	shutdown /r	reboot
Lock User Account	net user <user> /lock	passwd -l <user>
Unlock User Account	net user <user> /unlock	passwd -u <user>
Add Group	net localgroup	groupadd
Delete Group	net localgroup /delete	groupdel
Change File Permissions	icacls	chmod
Check File Permissions	icacls <file>	ls -l
Create Symbolic Link	mklink	ln -s
Schedule Task	schtasks	crontab -e
View Scheduled Tasks	schtasks /query	crontab -l
Disable User	net user /disable	usermod -L <user>
Enable User	net user /enable	usermod -U <user>
Set Time Zone	tzutil /s	timedatectl set-timezone
View Current Time	time /T	date
View Environment Variables	set	printenv

Add Environment Variable	setx	export
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