

CCDC Quick Notes: Linux Commands

February 27, 2016

NOTE: these commands should be entered in lowercase.

(A)	ADDUSERS	Add or list users to/from a CSV file
	ADmodcmd	Active Directory Bulk Modify
	ARP	Address Resolution Protocol
	ASSOC	Change file extension associations
	ASSOCIAT	One step file association
	AT	Schedule a command to run at a specific time
	ATTRIB	Change file attributes
(B)	BCDBOOT	Create or repair a system partition
	BCDEDIT	Manage Boot Configuration Data
	BITSADMIN	Background Intelligent Transfer Service
	BOOTCFG	Edit Windows boot settings
	BROWSTAT	Get domain, browser and PDC info

	CACLS	Change file permissions
	CALL	Call one batch program from another
	CERTREQ	Request certificate from a certification authority
	CERTUTIL	Utility for certification authority (CA) files and services
	CD	Change Directory - move to a specific Folder
	CHANGE	Change Terminal Server Session properties
	CHKDSK	Check Disk - check and repair disk problems
	CHKNTFS	Check the NTFS file system
	CHOICE	Accept keyboard input to a batch file
	CIPHER	Encrypt or Decrypt files/folders
	CleanMgr	Automated cleanup of Temp files, recycle bin
(C)	CLIP	Copy STDIN to the Windows clipboard
	CLS	Clear the screen
	CMD	Start a new CMD shell
	CMDKEY	Manage stored usernames/passwords
	COLOR	Change colors of the CMD window
	COMP	Compare the contents of two files or sets of files
	COMPACT	Compress files or folders on an NTFS partition
	COMPRESS	Compress one or more files
	CONVERT	Convert a FAT drive to NTFS
	COPY	Copy one or more files to another location
	Coreinfo	Show the mapping between logical & physical processors
	CSCcmd	Client-side caching (Offline Files)
	CSVDE	Import or Export Active Directory data

(D)	DATE	Display or set the date
	DEFRAG	Defragment hard drive
	DEL	Delete one or more files
	DELPREF	Delete user profiles
	DELTREE	Delete a folder and all subfolders
	DevCon	Device Manager Command Line Utility
	DIR	Display a list of files and folders
	DIRQUOTA	File Server Resource Manager Disk quotas
	DIRUSE	Display disk usage
	DISKPART	Disk Administration
	DISKSHADOW	Volume Shadow Copy Service
	DISKUSE	Show the space used in folders
	DOSKEY	Edit command line, recall commands, and create macros
	DriverQuery	Display installed device drivers
	DSACLs	Active Directory ACLs
	DSAdd	Add items to active directory (user group computer)
	DSGet	View items in active directory (user group computer)
	DSQuery	Search for items in active directory (user group computer)
	DSMod	Modify items in active directory (user group computer)
	DSMove	Move an Active directory Object
	DSRM	Remove items from Active Directory
	Dsmgmt	Directory Service Management
(E)	ECHO	Display message on screen
	ENDLOCAL	End localisation of environment changes in a batch file
	ERASE	Delete one or more files
	EVENTCREATE	Add a message to the Windows event log
	EXIT	Quit the current script/routine and set an errorlevel
	EXPAND	Uncompress CAB files
	EXTRACT	Uncompress CAB files

(F)	FC	Compare two files
	FIND	Search for a text string in a file
	FINDSTR	Search for strings in files
	FOR /F	Loop command: against a set of files
	FOR /F	Loop command: against the results of another command
	FOR	Loop command: all options Files, Directory, List
	FORFILES	Batch process multiple files
	FORMAT	Format a disk
	FREEDISK	Check free disk space
	FSUTIL	File and Volume utilities
(G)	FTP	File Transfer Protocol
	FTYPE	File extension file type associations
	GETMAC	Display the Media Access Control (MAC) address
	GOTO	Direct a batch program to jump to a labelled line
(H)	GPRESULT	Display Resultant Set of Policy information
	GPUPDATE	Update Group Policy settings
(H)	HELP	Online Help
	HOSTNAME	Display the host name of the computer
(I)	ICACLS	Change file and folder permissions
	IEXPRESSION	Create a self extracting ZIP file archive
	IF	Conditionally perform a command
	IFMEMBER	Is the current user a member of a group
	IPCONFIG	Configure IP
	INUSE	Replace files that are in use by the OS
(J)		
(K)		
(L)	LABEL	Edit a disk label
	LODCTR	Load PerfMon performance counters
	LOGMAN	Manage Performance Monitor logs
	LOGOFF	Log a user off
	LOGTIME	Log the date and time in a file

(M)	MAKECAB	Create .CAB files
	MAPISEND	Send email from the command line
	MBSAcli	Baseline Security Analyzer
	MEM	Display memory usage
	MD	Create new folders
	MKLINK	Create a symbolic link (linkd)
	MODE	Configure a system device COM/LPT/CON
	MORE	Display output, one screen at a time
	MOUNTVOL	Manage a volume mount point
	MOVE	Move files from one folder to another
	MOVEUSER	Move a user from one domain to another
	MSG	Send a message
	MSIEXEC	Microsoft Windows Installer
	MSINFO32	System Information
	MSTSC	Terminal Server Connection (Remote Desktop Protocol)
(N)	NET	Manage network resources
	NETDOM	Domain Manager
	NETSH	Configure Network Interfaces, Windows Firewall & Remote access
	NBTSTAT	Display networking statistics (NetBIOS over TCP/IP)
	NETSTAT	Display networking statistics (TCP/IP)
	NLSINFO	Display locale information (reskit).
	NLTEST	Network Location Test (AD)
	NOW	Display the current Date and Time
	NSLOOKUP	Name server lookup
	NTBACKUP	Backup folders to tape
	NTDSUtil	Active Directory Domain Services management
	NTRIGHTS	Edit user account rights
	NVSPBIND	Modify network bindings
(O)	OPENFILES	Query or display open files

(P)	PATH	Display or set a search path for executable files
	PATHPING	Trace route plus network latency and packet loss
	PAUSE	Suspend processing of a batch file and display a message
	PERMS	Show permissions for a user
	PERFMON	Performance Monitor
	PING	Test a network connection
	POPD	Return to a previous directory saved by PUSHHD
	PORTQRY	Display the status of ports and services
	POWERCFG	Configure power settings
	PRINT	Print a text file
	PRINTBRM	Print queue Backup/Recovery
	PRNCNFG	Configure or rename a printer
	PRNMNGR	Add, delete, list printers and printer connections
	ProcDump	Monitor an application for CPU spikes
	PROMPT	Change the command prompt
	PsExec	Execute process remotely
	PsFile	Show files opened remotely
	PsGetSid	Display the SID of a computer or a user
	PsInfo	List information about a system
	PsKill	Kill processes by name or process ID
	PsList	List detailed information about processes
	PsLoggedOn	Who's logged on (locally or via resource sharing)
	PsLogList	Event log records
	PsPasswd	Change account password
	PsPing	Measure network performance
	PsService	View and control services
	PsShutdown	Shutdown or reboot a computer
	PsSuspend	Suspend processes
	PUSHHD	Save and then change the current directory
(Q)	QGREP	Search file(s) for lines that match a given pattern
	Query Process / QPROCESS	Display processes
	Query Session / QWinsta	Display all sessions (TS/Remote Desktop)
	Query TermServer / QAppSrv	List all servers (TS/Remote Desktop)
	Query User / QUSER	Display user sessions (TS/Remote Desktop)

(R)	RASDIAL	Manage RAS connections
	RASPHONE	Manage RAS connections
	RECOVER	Recover a damaged file from a defective disk
	REG	Registry: Read, Set, Export, Delete keys and values
	REGEDIT	Import or export registry settings
	REGSVR32	Register or unregister a DLL
	REGINI	Change Registry Permissions
	REM	Record comments (remarks) in a batch file
	REN	Rename a file or files
	REPLACE	Replace or update one file with another
	Reset Session	Delete a Remote Desktop Session
	RD	Delete folder(s)
	RMTSHARE	Share a folder or a printer
	ROBOCOPY	Robust File and Folder Copy
	ROUTE	Manipulate network routing tables
	RUN	Start — RUN commands
(S)	RUNAS	Execute a program under a different user account
	RUNDLL32	Run a DLL command (add/remove print connections)
	SC	Service Control
	SCHTASKS	Schedule a command to run at a specific time
	SET	Display, set, or remove session environment variables
	SETLOCAL	Control the visibility of environment variables
	SetSPN	Edit Service Principal Names
	SETX	Set environment variables
	SFC	System File Checker
	SHARE	List or edit a file share or print share
	ShellRunAs	Run a command under a different user account
	SHIFT	Shift the position of batch file parameters
	SHORTCUT	Create a windows shortcut (.LNK file)
	SHUTDOWN	Shutdown the computer
	SLEEP	Wait for x seconds
	SLMGR	Software Licensing Management (Vista/2008)
	SORT	Sort input
	START	Start a program, command or batch file
	STRINGS	Search for ANSI and UNICODE strings in binary files
	SUBINACL	Edit file and folder Permissions, Ownership and Domain
	SUBST	Associate a path with a drive letter
	SYSMON	Monitor and log system activity to the Windows event log
	SYSTEMINFO	List system configuration

(T)	TAKEOWN	Take ownership of a file
	TASKLIST	List running applications and services
	TASKKILL	End a running process
	TELNET	Communicate with another host using the TELNET protocol
	TIME	Display or set the system time
	TIMEOUT	Delay processing of a batch file
	TITLE	Set the window title for a CMD.EXE session
	TLIST	Task list with full path
	TOUCH	Change file timestamps
	TRACERT	Trace route to a remote host
	TREE	Graphical display of folder structure
	TSDISCON	Disconnect a Remote Desktop Session
	TSKILL	End a running process
	TSSHUTDN	Remotely shut down or reboot a terminal server
	TYPE	Display the contents of a text file
	TypePerf	Write performance data to a log file
	TZUTIL	Time Zone Utility
(U)		
(V)	VER	Display version information
	VERIFY	Verify that files have been saved
	VOL	Display a disk label
(W)	W32TM	Time Service
	WAITFOR	Wait for or send a signal
	WEVTUTIL	Clear event logs, enable/disable/query logs
	WHERE	Locate and display files in a directory tree
	WHOAMI	Output the current UserName and domain
	WINDIFF	Compare the contents of two files or sets of files
	WINRM	Windows Remote Management
	WINRS	Windows Remote Shell
	WMIC	WMI Commands
	WUAUCLT	Windows Update
(X)	XCACLS	Change file and folder permissions
	XCOPY	Copy files and folders
	::	Comment / Remark