

CentOS Cheat Sheet Cheat Sheet

by bromono via cheatography.com/20940/cs/3795/

Partitions and Disk Management Help Commands File Operations (cont) Commands to know whatis df Removes directories or uname Prints information rm files (This is how you about a machine Search whatis database for Report file system disk space remove recursively) and operating complete words; used to find usage system it is run on short descriptions of system ln Creates a symbolic or mount commands hard link for a file who Print who is Show whats mounted or currently logged in View a file on page at a less which mount a file system time, allows for going uptime Prints system Shows the full path to shell unmount backwards uptime and load commands Unmount a file system Print the first 10 lines of sudo Execute a head whereis a file command as Locate binary, source and another user, Print the last 10 lines of Identifies processes using tail man pages for a command usually with higher a file files or sockets permissions Count the number of wc isof Search through a database of shutdown Bring the system words or characters in a list open files on the system short description to find help down in a safe way file and man pages containing Display file of file stat **Directory Operations** ls Options certain terms and commands system status clears your screen clear Show all (including hidden) man cut Remove sections from pwd Shows current directory Manual pages for commands -R Recursive list lines of input cd Change directories Reverse order paste Merge lines of files -r Bash Variables List directory contents ls -t Sort by last modified Searching Files mkdir Create a new directory List current -S Sort by file size environment rmdir Delete an empty Search text files for grep -| Long listing format variables directory lines containing a -1 One file per line echo Output value of matching pattern Comma-separated output -m **File Operations** \$NAME \$NAME variable Find files by matching locate -Q Quoted output set \$NAME to export cat Print a file on the the whole path name NAME=value value in screen, concatenate find search for files in a grep Options enviroment files directory hierarchy Case insensitive search Change value of Create an empty file, set touch shell atrributes change file timestamps Recursive search and positional Copy directories or files Inverted search parameters or mv Moves directories or display list of Show matched part of file shell variables and functions \$PATH Exectuable search path \$HOME Home directory \$SHELL Current shell



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Process	Management	File Peri	mission N	lumbers
ps	Report on current processes		e permis number b	Ü
pstree	Display a tree of processes	suid=4 sgid=2	421 rwx	421 rwx
top	Show real time processes	flag=1	owner e: cmod	group
kill	Terminate a process by PID		ing Direc	
killall	Kill a process by name	/etc/sysconfig/network-sci		
pkill	Look up or signal processes based on same and other attributes	This folder contains the configuration files for ea interface on the system; usually named ifcfg-eth0 ifcfg-eth1. /etc/resolv.conf This file contains the permanent Domain Nam Server (DNS) settings		
pgrep	Grep for process			
ctrl+z	Stop the job but don't end process			
&	Place this after a command to put the process in the background			
jobs	Display all jobs	ifconfig	Configu	ure netwo

Jobs Biopiay all Jobs			
File Permissions			
chmod 775 file			
	Change file permissions to 775		
chmod -R 600 folder			
	Recursively chmod <i>folder</i> to 600		
chown user.group file			
	Change <i>file</i> owner to <i>user</i> and group to <i>group</i>		

First number is the owner permission, second is group and third is everyone

its by

421 rwx world /file.txt

ripts

ach 0 or

ifconfig	Configure network interface
route	Show/Manipulate the IP routing table
ip	Show/Manipulate routing, devices, policy and tunnels; replaces ifconfig, arp, and route
ifup	Bring network interface up

ifdown Bring network interface down

Send ICMP ECHO_Rping EQUEST to network hosts

Accounts and Security Admini-

groupadd

Create a new group

groupdel

Delete a group

groupmod

Modify definition of a specified group

useradd

Create a new user

userdel

Delete a user

usermod

Modify a user account

passwd

Update a user's password

vipw

Edit password, group, shadow-password (Updates etc/shadow)

vigr

Edit password, group, shadow-group (Updates etc/gshadow)

chage

Change password policy



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