commands

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RHCSA RHEL

man command	
-h	
help	
-?	
Files, Directories	
pwd	current dir
\$HOME	
cd cd- cd ~username cd	moves one dir up moves to previous dir goes to home dir goes go your home dir
cp file.txt tonewfile.txt cp -R /home/dir /home/newdir	copies directories with -R
mv old_name new_name	renames files; also moves with mv /dir
mkdir -m777 -p /dir1/newdir/dir2 4 2 1 764	m sets perm. 777 is rwx -p makes newdir betw. dir1 and dir2 r w e users, group, others
chmod 764 file.txt	users rwx, group rw, others r
chown [option] owner[:group] file(s) chwon user file.txt	makes user owner of file.txt
rmdir	rm
touch cat > fileName	make empty file
file file.txt	get type of file.txt
VIM	
gg	Beginning of file
ALT /	end of file
u	undo last change. capital u undo all changes
gzip, tar compression	
gzip fileName	with gzip compression
gunzip fileName.gz	
tar -cvf dir.tar /dir	uncompressed tar archive

tar -cfz dir.tar /dir	gzip tar rachive compression
-uvf	archives and adds to an existing archive
-rvf -tvf	- - lists the contents of a file
tar -xf file.tar	extract
tar -xvg file.tar -C /dir	extract extract extract at a directory with -C
	,
Lists	
df -mh	disk usage in mbs
du -sh	currect dir usage
head file.txt	show first 10 lines
tail -100 file.txt	show last 100 lines (10 by def)
wc file.txt	counts words/lines
Find	
locate -i two*words	search -i (not case sens.) * is empty spc
find /where -name	
name.txt	
find ./ -type d -name dirname	searches for directories
grep what file.txt nd /dir -name x	list itoms haginning with y
nd /dir -size +100M	list items beginning with x
users, ,groups	
id	show active user details
who	logged users
finger	info on all logged users
finger username pinky	
W	logged users and activity
whoami	
last	last logins
cat /etc/passwd	list users, rights
cat /etc/passwd cut -d : -f	only usenames
cat /etc/groups	list groups
adduser username	
userdel username	
passwd username	change pw
usermod -a -G groupname	
username	
system	
ssh user@host	
ping hostname	

hostname -i	hostname ip
uname -a; uptime	sys info
last reboot	
ip addr show	
var, commands	
let variable=value	integer val.
set	lists variables and functions
echo \$variable	display value
env	display all variables
unset varName	removes a var
alias name=command unalias name	
watch -n interval command watch -n 5 'ntpq -p'	run through an interval execute and display every 5 secs.
sleep interval && command	postpone cmnd execution
where is command	find binary/source/ manual for command
UTIL	
logrotate	
free -mh	
ps -ef ps -u username top	all processes associated with the user
htop	improved top
pidof processName	get the process ID
kill PID	
RHCSA	
> >>	Writes to a file (and replace all in it) Adds at the end of the file
<pre>ls -al ~ > list</pre>	Root home dir Saves Is to list at home dir
sort < list -S -t	Get input from list and sort it by size last modified
ls -smth 2> file 2>&1	saves errors in a file AND displays them (stderr to sdtout)