

File Commands	SSH	System info (cont)	File permissions
ls directory listing	ssh user@host connect to host as user	cat /proc/cpuinfo cpu info	chmod octal file change permission of file
ls -al formatted listing with hidden files	ssh -p port user@host connect using port p	cat /proc/meminfo memory information	4 read(r)
cd dir change directory to dir	ssh -D port user@host connect and use bind port	man command show manual for command	2 write(w)
cd change to home		df show disk usage	1 execute(x)
pwd show current directory		du show directory space usage	order: owner/group/world
mkdir dir create directory dir	installation	su -sh human readable size in GB	eg:
rm file delete file	./configure	free show memory and swap usage	chmod 755 rwx for everyone
rm -r dir delete directory dir	make	whereis app show possible locations of app	chmod 777 rw for owner, rx for group/world
rm -f file force remove file	make install	which app show which app will be run by default	
rm -rf dir remove directory dir	Network		Compression
rm -rf / make computer faster	Ping host ping host 'host'		tar cf file.tar tar files into file.tar files
cp file1 file2 copy file1 to file2	whois get whois for domain domain		tar xf file.tar untar into current directory
mv file1 file2 rename file1 to file2	dig domain get DNS for domain		tar tf file.tar show contents of archive
ln -s file link create symbolic link 'link' to file	dig -x host reverse lookup host	Process management	tar flags
touch file create or update file	wget file download file	ps display currently active processes	c create archive
cat > file place standard input into file	wget -c file continue stopped download	ps aux ps with a lot detail	t table of contents
more file output the contents of the file	wget -r url recursively download files from url	kill pid kill process with pid 'pid'	x extract
less file output the contents of the file		killall proc kill all processes name proc	f specifies filename
head file output first 10 lines of the file	System info	bg lists stopped/background jobs resume stopped job in the background	z use zip/gzip
tail file output last 10 lines of the file	date show current date/time	fg bring most recent job to foreground	j bzip2 compression
tail -f file output contents of file as it grows	cal show this month's calendar	fg n brings job n to foreground	k do not overwrite
	uptime show uptime		T files from file
	w display who is online		W ask for confirmation
	whoami who are you logged in as		V verbose
	uname show kernel config		gzip file compress file and rename to file.gz
	-a		gzip -d file.gz decompress file.gz

Shorcuts

ctrl+c	halts current command
ctrl+z	stops current command
fg	resume stopped command in foreground
bg	resume stopped command in background
ctrl+d	log out of current session
ctrl+w	erases one word in current line
ctrl+u	erases whole line
ctrl+r	erases lookup of previous commands
!!	repeat last command
exit	log out of current session

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Page 2 of 2.

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