Transfer Cheat Sheet

by BlackW61 via cheatography.com/59396/cs/15603/

SSH keygen

ssh-keygen -t algo -b bit -f <filename>	Generate ssh-key
rsa 4096, ecdsa 521, ed25519	Algorithm -t
ssh-copy-id -i (keyfile) user@host	Copy file to host
ssh-keygen -e -f /id_dsa > /id_dsa_com.pub	Convert sshkey to OpenSSH format
ssh-add -l	List ssh-key in ssh-Agent
ssh-add /file	Add key to ssh-Agent
ssh-add -d file	Removes key from Agent
ssh-add -D	Removes all keys from Agent
ssh-add -x	lock the ssh-Agent
ssh-add -X	unlocks the ssh-Agent
ssh-add -t 60 /key	key will auto deletet in 60sec
ssh -N	Do not execute a remote command

SSH Login

ssh user@host -p (Port)	Standard Login SSH
ssh user@host -p (Port) -i /key	Login with key
ssh -L port:localhost:port user@server	Local Forwarding
ssh -R port:localhost:port user@server	Remote Forwarding
ssh -X user@host	X11 Forwarding

. Let’s say you’re running PostgreSQL on your server, which by default listens on the port 5432.

$ ssh -L 9000:localhost:5432 user@example.com
The part that changed here is the localhost:5432, which says to forward connections from your local port 9000 to localhost:5432 on your server. Now we can simply connect to our database.

scp

scp /path user@host:/path	copy from locale to remotehost
scp user@host:/path /path	copy from remotehost to locale
scp user1@server1:/path/ user2@server2:/path	copy file on the remote server to another remote server

scp (cont)

scp jane@host:/home/jane/table.csv pete@host:/home/pete/	copy file remote host to the same remote host in another location
scp /path/*.ext user@server:/path/	Copy all files of a specific type

scp [-12346BCpqrv] [-c cipher] [-F ssh_config] [-i identity_file] [-l limit] [-o ssh_option] [-P port] [-S program] [[user@]host1:]file1 ... [[user@]host2:]file2

wget

-nv	no-verbose
-v	verbose
-q	quiet
-t X	-tries=X
-P	/path
-O	Outout
-nd	no-directories
-m	mirror
-A	ACCLIST
-R	REJLIST
-e robots=off	ignore robots.txt
wget http://url/file	Downloading FIle
wget -P /home/ http//:url	Dowloading to specific folder
wget -r http://url.com/dir/	Downloading Files recusively
wget -N http://url/file	Downloading only if file is newer
wget -r -A jpg,png http://url.com/dir/	Downloading Files recusively only jpg,png files
wget -r -R jpg,png http://url.com/dir/	Downloading Files recusively everthing except jpg,png
wget -c http://url/file	Continue stopped download
wget -O filename http://url/FILE	Saves download under other name
wget -m http://url	Mirror website
wget -m -A '*.pdf' -nd -e robots=off http://url	Download all PDF file from webseite
wget --ftp-user=USERNAME --ftp-password=PASSWORD ftp://ftp.url.com/filename.tar.gz	Download via Ftp

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curl	
-O -C - -- output -v	saves file as the orginalname continue where it stopped indivi. filename verbose
curl http://www.example.com/readme.txt	Shows file in Terminal (not downloading)
curl -O ftp://ftp.test.de/test/test.iso	Download file and saves as filename
curl -C - -O ftp://ftp.test.de/test/test.iso	Starts downloading where it stopped
curl ftp://url --user myname:mypassword	Download with Userpassword

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