

Useful commands

<code>lsb_release -a</code>	get current version of os
<code>service <name of service> start/stop/restart/status</code>	self explanatory

Initial configuration

<code>sudo apt-get update</code>
<code>sudo apt-get install git</code>
<code>sudo apt install net-tools</code>
<code>sudo apt install vim</code>

Setup ssh

<code>sudo apt update</code>	(server) update package repository
<code>sudo apt install openssh-server</code>	(server) install ssh
<code>sudo systemctl status ssh</code>	(server) check status of service
<code>sudo ufw allow ssh</code>	(server) enable firewall
<code>sudo systemctl enable ssh</code>	(server) start ssh upon boot
<code>ssh-keygen</code>	(client) create key pair
<code>ssh-copy-id username@remote_host</code>	(linux) copy public key
<code>ssh <user>@<ip></code>	(windows) copy public key
<code>mkdir -p ~/.ssh</code>	key
<code>sudo nano ~/.ssh/authorized_keys</code>	<copy content of .pub file>
<code>sudo chown -R <user>:<user> ~/.ssh/authorized_keys</code>	set ownership of key file
<code>chmod 700 /home/<username>/.ssh</code>	(server) set permissions
<code>chmod 600 ~/.ssh/authorized_keys</code>	
<code>ssh <user>@<ip> -i <full path of private key></code>	(client) connect
<code>open C:\Users\<username>\.ssh\config</code>	(windows) add entry into ssh config
<code>add entry for ip address</code>	

Setup xRDP

<code>sudo apt-get install xfce4</code>
<code>sudo apt-get install xrdp</code>
<code>sudo systemctl enable xrdp</code>
<code>echo xfce4-session >> ~/.xsession</code>
<code>sudo service xrdp restart</code>

Setup xRDP (cont)

<code>sudo passwd rdpuser</code>

Setup redis

<code>sudo apt install redis-server</code>	install
<code>sudo nano /etc/redis/redis.conf</code>	change to supervised systemd
<code>sudo systemctl restart redis.service</code>	
<code>sudo systemctl enable /lib/systemd/system/redis-server.service</code>	

History Operations

<code>~/.bash_history</code>	contains history even after reboot
<code>!v</code>	run last command that starts with v
<code>!\$</code>	last argument
<code>!?etc</code>	last command contains etc
<code>history</code>	show command history
<code>cd .</code>	change to home dir
<code>!30</code>	run command at line number 30 from history
<code>ctrl-r</code>	search commands, esc or enter to edit or run
<code>HISTCONTROL=erasedups</code>	erase duplicate commands from history
<code>history -c + history -w</code>	clear history
<code>history -r</code>	whenever you last wrote

Shutdown

<code>shutdown</code>	shutdown
<code>reboot</code>	reboot
<code>poweroff</code>	same as shutdown
<code>halt</code>	same as shutdown
<code>init 0</code>	same as shutdown
<code>init 6</code>	same as shutdown
<code>shutdown -r +n "warning"</code>	reboot in n minutes, display warning
<code>shutdown -r now</code>	reboot now
<code>shutdown -c</code>	cancel a pending shutdown
<code>shutdown -h</code>	shutdown and then halt
<code>shutdown hh:mm</code>	shutdown at specified time

