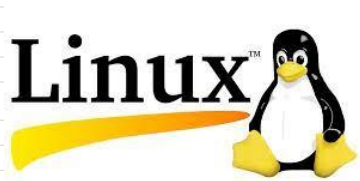
GnuPG Commands		SSH Commands	
General		**SSH Copy**	
Version info	`gpg --version`	Copy file **to** remote server	`scp file.txt username@host:/remote/directory`
Installation	`sudo apt-get install gnupg`	Copy a directory	`scp -r /local/directory user@host:/remote/directory`
Working with Keys		Copy file **from** a remote server	`scp user@host:/remote/file.txt /local/directory`
Create a new key	`gpg --gen-key`	Copy multiple files	`scp file1 file2 user@host:/path/to/directory`
Export key in ASCII	`gpg -o key.asc --armor --export <KEY ID>`		
Create a new key with prompts	`gpg --full-gen-key`	See transfer details	`-v`
Export a public key	`gpg --export -a username > public.key`	Copy files with compression	`-C`
Export a private key:	`gpg --export-secret-key -a username > private.key`	Connection Port	`-P`
Import a public key	`gpg --import public.key`		
Delete a public key	`gpg --delete-key username`	**SSH**	
List the keys in your public key ring	`gpg --list-keys`	Generate SSH key	`ssh-keygen`
List the keys in your secret key ring	`gpg --list-secret-keys`	Copy key to server	`ssh-copy-id user@host`
Fingerprint info	`gpg --fingerprint`	Login from client	`ssh user@host`
Trust a key	`gpg --edit-key user_keyname`		`ssh -l user host`
		Install SSH server	`apt-get install openssh-server`
Encryption		Start reverse shell	`ssh -l username -p 2222 localhost`
Encrypt a file	`gpg -e -u sender_name -r receiver_name file.txt`		
Symentric encrypt file with password	`gpg -c filename.txt`	**Download Files**	
Decrypt a file	`gpg -d -o file.txt file.txt.gpg`	Command line URL	`curl -O http://hostname/filename.exe`
		Download single page	`wget http://www.example.com/filename`
Signatures		Entire site	`wget -r http://www.example.com`
Verify Signature	`gpg --verify file.txt.gpg`	Follow Links	`wget -r -H http://www.example.com`
View Contents signed file	`gpg -d signed-file.txt.gpg`		
Just create signature (.asc)	`gpg --armor --detach-sign file.txt.gpg`	**Apache**	
Verify Signature with asc	`gpg --verify file.txt.gpg.asc file.txt.gpg`	Install	`apt install apache2 -y`
		Start Apache	`service apache2 start`
Sign a file	`gpg -o signed-file.txt.gpg -s file.txt`	Status	`service apache2 status`
Used during encryption to sign encrypted files	`gpg -s -o secret.txt.gpg -r <RECIPIENT> secret.txt`	Start at boot	`systemctl apache2 enable`
		Restart	`systemctl apache2 restart`
Keyserver		Stop	`systemctl apache2 stop`
Import keys from keyserver	`gpg --receive-keys <KEY IDS>`		
Upload keys to keyserver	`gpg --send-keys <KEY IDS>`	Check OS version	`lsb_release -a`
Updates keys from server	`gpg --refresh-keys`		
Search for keys from keyserver	`gpg --search-keys "<SEARCH STRING>"`	**OpenVPN**	
		Install Openvpn	`sudo apt-get install openvpn`
Working with Directories	`tar -czf /file.tar /files`	Get NordVPN servers	`wget https://downloads.nordcdn.com/configs/archives/servers/ovpn.zip`
	`gpg -e -u myuser /file.tar`	Connect	`sudo openvpn ./us8242.nordvpn.com.tcp.ovpn`
		Install VPN certs	`sudo apt-get install ca-certificates`
Backup GPG			
Backup GPG	`$ tar -cvpzf gnupg.tar.gz ~/.gnupg`		
Backup GPG private key	`gpg --export-secret-keys > secret-backup.gpg`		
Restore GPG private key	`gpg --import ~/secret-backup.gpg`		

Linux Commands Cheat Sheet