**How to create a Linux User and Setup Key Based Login**

To create a Linux user:

sudo adduser test

To generate an SSH key pair:

ssh-keygen -t rsa

Add your SSH public key to the server:

ssh-copy-id -i ~/.ssh/id\_rsa.pub zain@192.168.0.101

Login using your SSH private key instead of your password:

ssh zain@192.168.0.101

Difference between SSH public and private keys:

* The public key is used by both user and remote server to encrypt messages.
* The private key does only belong to the system being used to access the remote server and is used to decrypt messages.