SSH - Secure Shell

This is a Protocol which allows two machines to communicate over the network securely.

Telnet :

This is similar kind of protocol started using from 1960's but this was not secured way of communication.

Ciphers:

Encryption Algorithms

There are 3 Components involved in establishing a SSH Connection :

* Server
* Client
* Authentication Mechanism (This can be Password or the Key Authentication: Public and Private Key)

SSH Syntax:

Ssh user@IP

Ssh root@10.43.74.4

To Run in Key Authentication mode : Private or Public :

* SSH-keygen -t rsa (-t is Type)

The above command will generate the Private and Public Keys, You can give the file name path or it will be saved in the default path.

* You have to Copy and Paste the Public Key to the Remote machine, which you want to access

