# **OpenSSH**

* It is a suite of security related network level utilities, used to provide secure and encrypted communication over network by using the ssh protocol.
* Note that, OpenSSH is not a protocol, it is set of various security tools. ssh is the protocol.

## OpenSSH over telnet/FTP

* Secure communication
* Strong encryption
* Strong authentication (public key)
* To install OpenSSH,

Command: yum install openssh-server openssh-clients

* To check OpenSSH is working or not,

Command: nc -v -z 127.0.0.1 22



* OpenSSH provides secure data transfer through three methods:

1. scp
2. rsync
3. sftp