

Chapter 10 - Configuring And Securing SSH

Command	Description
<code>sudo dnf install openssh-server</code>	to install ssh service if needed
<code>sudo systemctl start sshd</code> <code>sudo systemctl enable sshd</code>	to start and enable the SSH service whenever the system boots
<code>ssh user1@server_ip</code>	to join the server by user1
<code>systemctl status sshd</code>	to troubleshoot the ssh service
<code>ssh keygen</code>	to generate a public or private key to use instead of a password
<code>vi /etc/ssh/sshd_config</code>	to change any of the ssh configurations
<code>sudo systemctl restart sshd</code>	to restart the service
<code>sudo systemctl reload sshd</code>	to reload config without disconnecting

Common changes in the sshd_config file:

Port 2222

PermitRootLogin no

PasswordAuthentication no

MaxAuthTries 3

AllowUsers youssef admin1

Then after changes:

`sudo systemctl reload sshd`