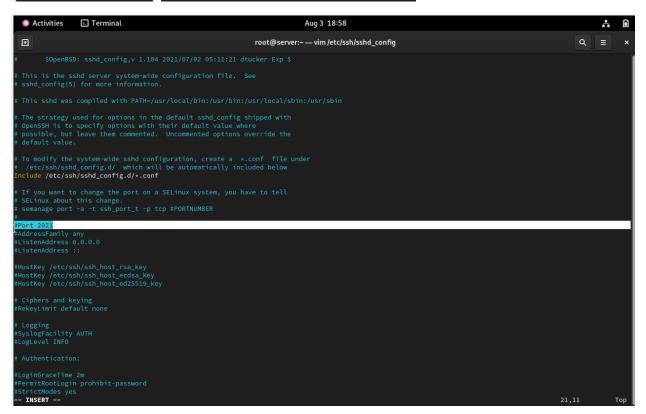
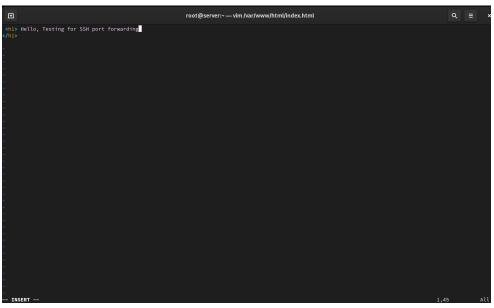
SSH Port Forwarding

Server Machine:

[root@server ~]# vim /etc/ssh/sshd_config





Add Service:

```
[root@server ~]# yum list installed | grep sshd
[root@server ~]# systemctl start sshd
[root@server ~]# firewall-cmd -add-service=ssh --permanent
usage: 'firewall-cmd --help' for usage information or see firewall-cmd(1) man page
firewall-cmd: error: unrecognized arguments: -add-service=ssh
[root@server ~]# firewall-cmd --add-service=ssh --permanent
success
[root@server ~]# firewall-cmd --reload
success
[root@server ~]# firewall-cmd --list-all
public (active)
  target: default
icmp-block-inversion: no
   interfaces: enp0s3
   services: cockpit dhcpv6-client http ssh
   ports:
   protocols:
   forward: yes
   masquerade: yes
   forward-ports:
  port=80:proto=tcp:toport=:toaddr=192.168.0.4
source-ports:
 rich rules:
[root@server ~]#
```

Add Port:

```
[root@server ~]# firewall-cmd --add-port=2021/tcp --permanent
[root@server ~]# firewall-cmd --reload
success
[root@server ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: enp0s3
  services: cockpit dhcpv6-client http ssh
 ports: 2021/tcp
 protocols:
  forward: yes
 masquerade: yes
  forward-ports:
        port=80:proto=tcp:toport=:toaddr=192.168.0.4
  source-ports:
  icmp-blocks:
  rich rules:
root@server ~]#
```

Forward port:

```
[root@server ~]# firewall-cmd --add-forward-port=port=22:proto=tcp:toport=2021 --permanent
success
[root@server ~]# firewall-cmd --reload
success
[root@server ~]# firewall-cmd --list-all
public (active)
    target: default
    icmp-block-inversion: no
    interfaces: enp0s3 enp0s8
    sources:
    services: cockpit dhcpv6-client http ssh
    ports: 2021/tcp
    protocols:
    forward: yes
    masquerade: yes
    forward-ports:
        port=22:proto=tcp:toport=2021:toaddr=
    source-ports:
    icmp-blocks:
    rich rules:
[root@server ~]# S
```

Client Machine:

```
[root@client2 ~]# curl 192.168.0.3
<h1> Hello, Testing for SSH port forwarding
</h1>
```