

```
CLIENT x SERVER x [icon] v
[sfrit@mylinuxlab ~]$ ssh sfrit@192.168.4.118
The authenticity of host '192.168.4.118 (192.168.4.118)' can't be established.
ECDSA key fingerprint is SHA256:7wKDLjt8WDU01PjBWXLML01uScEo7WGT6UYmrrew9RY.
ECDSA key fingerprint is MD5:d9:62:ca:88:dc:64:19:1f:e6:81:bb:3c:c8:84:02:4e.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.4.118' (ECDSA) to the list of known hosts.
sfrit@192.168.4.118's password:
Last login: Mon Mar 18 10:22:43 2024
[sfrit@mylinuxlab ~]$ ls
3.sh      Downloads  harsh.html  ogloc      TEB3
A45       edefe.txt  hello.sh    Old Firefox Data  Templates
A48       error.txt  if.sh       Pictures    tera
anu       ext        if.txt      pranav6.sh  test1
ANUSHKA   EXTC.save  j.sh        pranav78    test.txt
array.sh  extc.txt   linux       pranav7.sh  until.sh
arr.sh    f11        looparray   pranav.sh   username_server
ashraf03  f1.sh      looparray2.sh Public       users.sh
ashraf.sh f1.txt     looparray.sh ret.sh       vat1.sh
cases.sh  f2.txt     machine.sh  rt          vat2.sh
cj        f3.txt     max.sh      sarthak     vat3.sh
continue.sh file1.txt  mera        saurabh.txt VATSAL
darr.sh   filename   Music       select.sh   vat.sh
declare.sh for        mv f.sh     Shivk       Videos
```

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CLIENT x SERVER x [icon] v
[sfrit@mylinuxlab ~]$ cd dj
[sfrit@mylinuxlab dj]$ ls
[sfrit@mylinuxlab dj]$ cd A45
-bash: cd: A45: No such file or directory
[sfrit@mylinuxlab dj]$ cd
[sfrit@mylinuxlab ~]$ cd A45
[sfrit@mylinuxlab A45]$ ls
1.sh 2.sh positive&negi.sh
[sfrit@mylinuxlab A45]$ cd
[sfrit@mylinuxlab ~]$ mkdir sshtest
[sfrit@mylinuxlab ~]$ ls
3.sh      Downloads  harsh.html  ogloc      TEA1
A45       edefe.txt  hello.sh    Old Firefox Data  TEB3
A48       error.txt  if.sh       Pictures    Templates
anu       ext        if.txt      pranav6.sh  tera
ANUSHKA   EXTC.save  j.sh        pranav78    test1
array.sh  extc.txt   linux       pranav7.sh  test.txt
arr.sh    f11        looparray   pranav.sh   until.sh
ashraf03  f1.sh      looparray2.sh Public       username_server
ashraf.sh f1.txt     looparray.sh ret.sh       users.sh
cases.sh  f2.txt     machine.sh  rt          vat1.sh
cj        f3.txt     max.sh      sarthak     vat2.sh
```

CLIENT			SERVER	
ANUSHKA	EXTC.save	j.sh	pranav78	test1
array.sh	extc.txt	linux	pranav7.sh	test.txt
arr.sh	f11	looparray	pranav.sh	until.sh
ashraf03	f1.sh	looparray2.sh	Public	urname_server
ashraf.sh	f1.txt	looparray.sh	ret.sh	users.sh
cases.sh	f2.txt	machine.sh	rt	vat1.sh
cj	f3.txt	max.sh	sarthak	vat2.sh
continue.sh	file1.txt	mera	saurabh.txt	vat3.sh
darr.sh	filename	Music	select.sh	VATSAL
declare.sh	for	my_f.sh	Shivk	vat.sh
del_file.sh	for2.sh	myself	Shivk_A45	Videos
demo.sh	for3.sh	myweb3.html	shravan_server	vr
Desktop	for.sh	myweb.html	sll.sh	while.sh
dj	frt.sh	naam	sshtest	whle.sh
dj.sh	frut.sh	nested.sh	sysinop	
Documents	ftl.sh	newdir	tel.txt	
do.sh	func.sh	no.sh	te2.txt	
[sfit@mylinuxlab ~]\$ cd sshtest				
[sfit@mylinuxlab sshtest]\$ touch hello				
[sfit@mylinuxlab sshtest]\$ ls				
hello				
[sfit@mylinuxlab sshtest]\$				

SERVER			CLIENT	
break2.sh	f1.sh	loop.sh	sheetal	until.sh
break.sh	f1.txt	machine.sh	sheetal.sh	Untitled Document 1
Break.sh	f2.sh	max	sheetu	users(1).sh
continue.sh	f2.txt	max.sh	sheetu.sh	users.sh
decarr.sh	f3.sh	msgclient	size.sh	Vanshika
declare.sh	f4.sh	m.txt.save	sll.sh	Videos
del_file.sh	file39E.sh	Music	sneha	
delfile.sh	filel.txt	myself	ss	
demo1.sh	forloop.sh	nano.save	status.sh	
demo21.sh	fruitall.sh	nes.sh	tel.txt	
[sfit@mylinuxlab ~]\$ ssh sfit@192.168.4.118 -p 40000				
ssh: connect to host 192.168.4.118 port 40000: No route to host				
[sfit@mylinuxlab ~]\$ ssh sfit@192.168.4.118 -p40000				
ssh: connect to host 192.168.4.118 port 40000: No route to host				
[sfit@mylinuxlab ~]\$ ssh sfit@192.168.4.118 -p 40001				
ssh: connect to host 192.168.4.118 port 40001: No route to host				
[sfit@mylinuxlab ~]\$ ssh sfit@192.168.4.118 -p 40000				
ssh: connect to host 192.168.4.118 port 40000: No route to host				
[sfit@mylinuxlab ~]\$ ssh sfit@192.168.4.118 -p 40000				
sfit@192.168.4.118's password:				
Last login: Mon Mar 18 11:04:36 2024 from mylinuxlab				
[sfit@mylinuxlab ~]\$				

CLIENT

SERVER

```
[sfit@mylinuxlab ~]$ su
Password:
[root@mylinuxlab sfit]# yum install open ssh-server
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
* base: mirror.viettelcloud.vn
* extras: mirror-hk.koddos.net
* updates: mirror.xtom.com.hk
base | 3.6 kB 00:00:00
extras | 2.9 kB 00:00:00
updates | 2.9 kB 00:00:00
No package open available.
No package ssh-server available.
Error: Nothing to do
[root@mylinuxlab sfit]# systemctl status sshd
● sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/sshd.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2024-03-18 00:50:55 EDT; 42min ago
     Docs: man:sshd(8)
           man:sshd_config(5)
  Main PID: 1188 (sshd)
    Tasks: 1
```

SERVER

[Home]

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CLIENT x SERVER x [icon] v
└─1188 /usr/sbin/sshd -D

Mar 18 00:50:55 mylinuxlab systemd[1]: Starting OpenSSH server daemon...
Mar 18 00:50:55 mylinuxlab sshd[1188]: Server listening on 0.0.0.0 port 22.
Mar 18 00:50:55 mylinuxlab sshd[1188]: Server listening on :: port 22.
Mar 18 00:50:55 mylinuxlab systemd[1]: Started OpenSSH server daemon.
[root@mylinuxlab sfit]# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.3.98 netmask 255.255.248.0 broadcast 192.168.7.255
    inet6 fe80::f249:e70:79d:590 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:ae:d4:7e txqueuelen 1000 (Ethernet)
    RX packets 846187 bytes 66462665 (63.3 MiB)
    RX errors 0 dropped 13 overruns 0 frame 0
    TX packets 586 bytes 55746 (54.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 38 bytes 3012 (2.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 38 bytes 3012 (2.9 KiB)
```

```
CLIENT x SERVER x [icon] v

virbr0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 192.168.122.1 netmask 255.255.255.0 broadcast 192.168.122.255
    ether 52:54:00:0d:f5:4e txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[root@mylinuxlab sfit]# ls
1          demo.sh      fruit.sh    no.sh       te2.txt
2.sh      Desktop     func1.sh    Pictures    TEA
a46       Dj          func2.sh    PRAJAKTA   TEA1
A46       Documents  func.sh     Public      TEA40
A-6       do.sh      function1.sh retexit.sh  Templates
A7        Do.sh      hello.sh    retfunc.sh  test
aditya.sh Downloads  hello.txt   returnandexit.sh Test
apparr.sh error      host1.sh    returnfunc.sh test1
append.sh errorfile  host.sh     scopesfunc.sh test2
array.sh  error.txt  if.sh       select2.sh  test.txt
aRrAy.sh explicit.sh if.txt      selectloop2.sh theforloop2.sh
arr.sh    EXTC.txt  info.sh     selectloop.sh theforloop.sh
b21      fl        keer        select.sh   untilloop.sh

[icon] SERVER [Home] [ ] [ ] [ ] [ ]
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