

2. Create a file on your Linux system and try to copy from your system to neighbors Linux system using

- a. Destination folder is /home
- b. Destination folder is /root

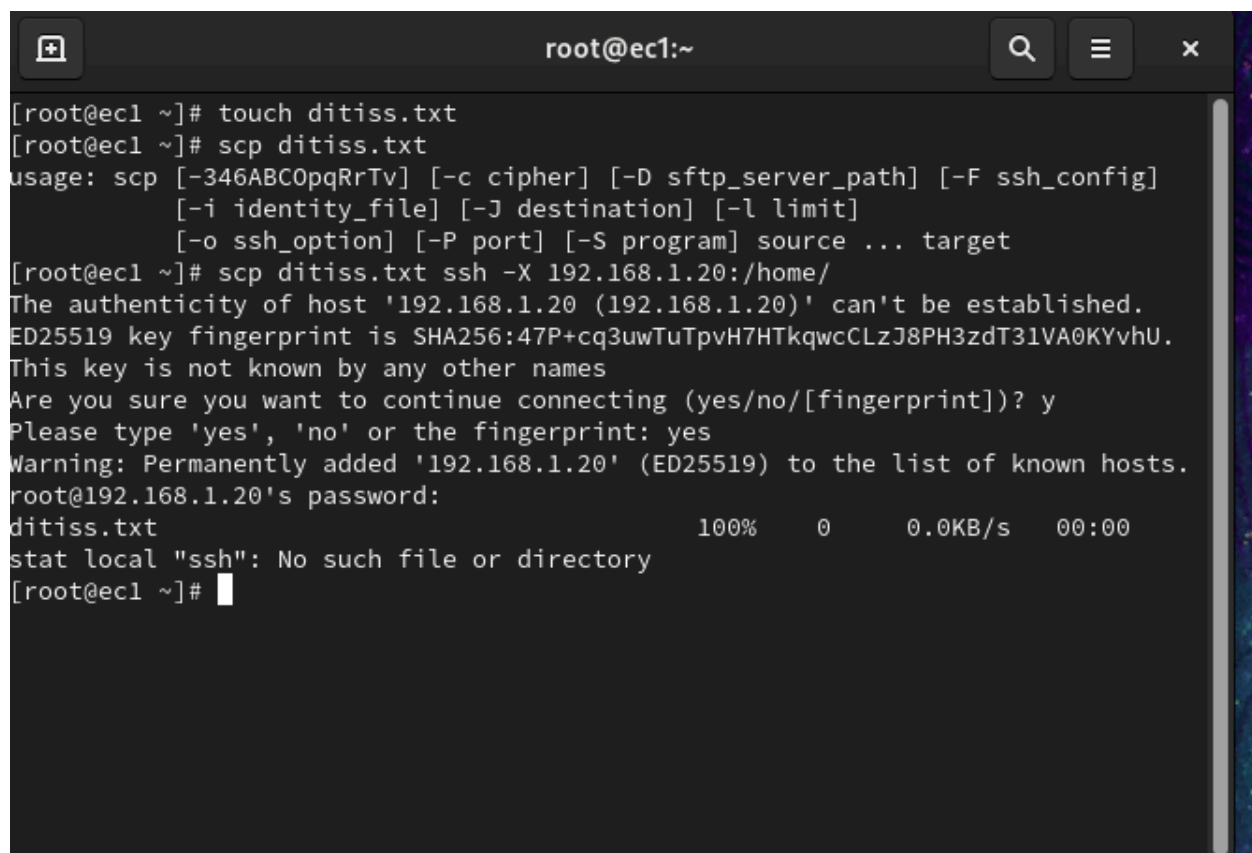
a.

1. Now create empty file touch ditiss.txt in server side then copy this file in client side

/home

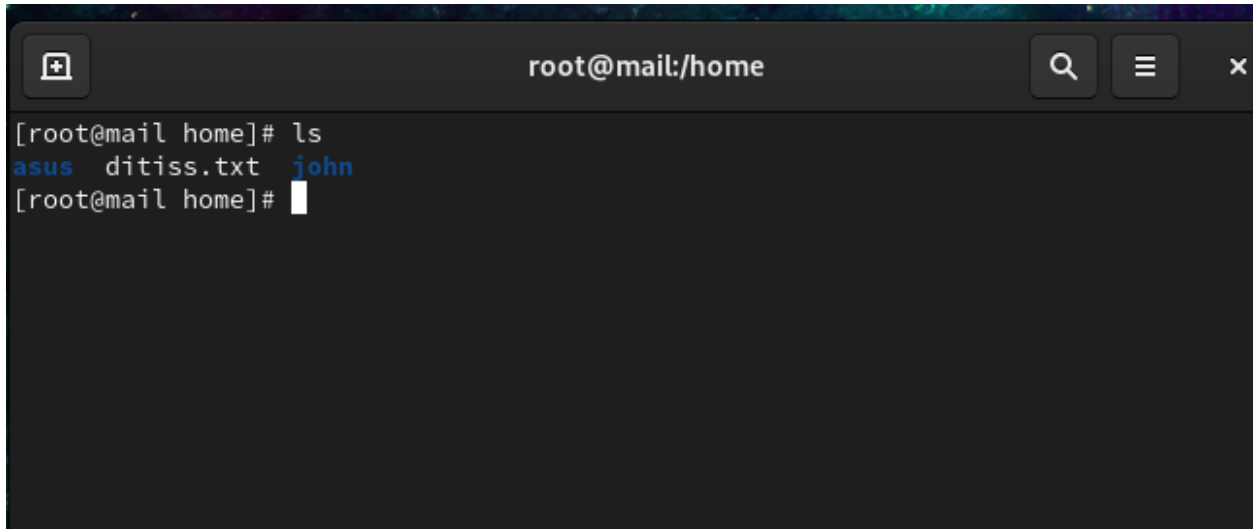
#touch ditiss.txt to create a txt file

scp ditiss.txt ssh-X 192.168.1.20:/home/

A terminal window titled 'root@ec1:~' with search, menu, and close icons. The terminal shows the following commands and output:

```
[root@ec1 ~]# touch ditiss.txt
[root@ec1 ~]# scp ditiss.txt
usage: scp [-346ABCOpqRrTv] [-c cipher] [-D sftp_server_path] [-F ssh_config]
          [-i identity_file] [-J destination] [-l limit]
          [-o ssh_option] [-P port] [-S program] source ... target
[root@ec1 ~]# scp ditiss.txt ssh -X 192.168.1.20:/home/
The authenticity of host '192.168.1.20 (192.168.1.20)' can't be established.
ED25519 key fingerprint is SHA256:47P+cq3uwTuTpvH7HTkqwcCLzJ8PH3zdT31VA0KYvhU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '192.168.1.20' (ED25519) to the list of known hosts.
root@192.168.1.20's password:
ditiss.txt                                100%    0    0.0KB/s   00:00
stat local "ssh": No such file or directory
[root@ec1 ~]#
```

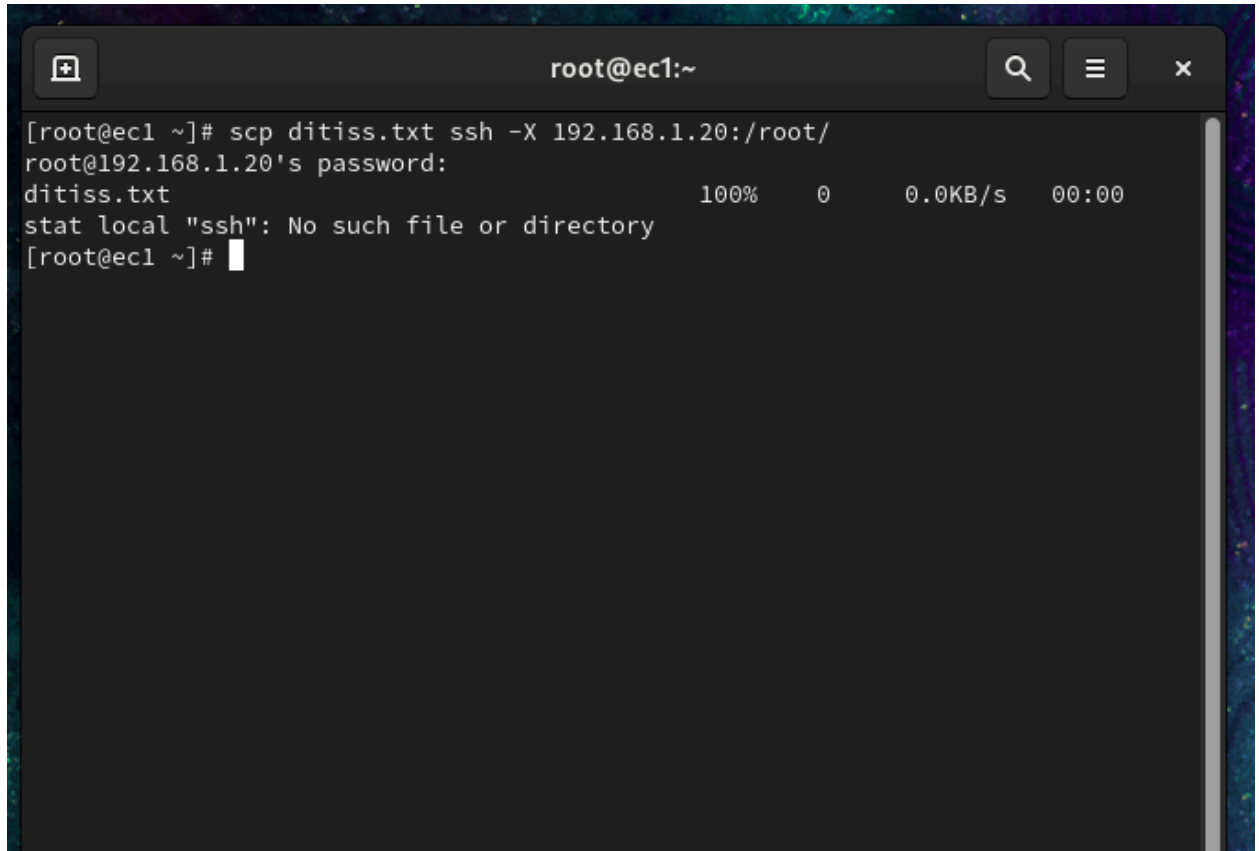
2. Check the file in client in /home folder

A terminal window with a dark background and a title bar. The title bar contains a window icon, the text 'root@mail:/home', and search, menu, and close buttons. The terminal shows the command 'ls' being executed, resulting in the output 'asus ditiss.txt john'.

```
[root@mail home]# ls
asus  ditiss.txt  john
[root@mail home]#
```

B.

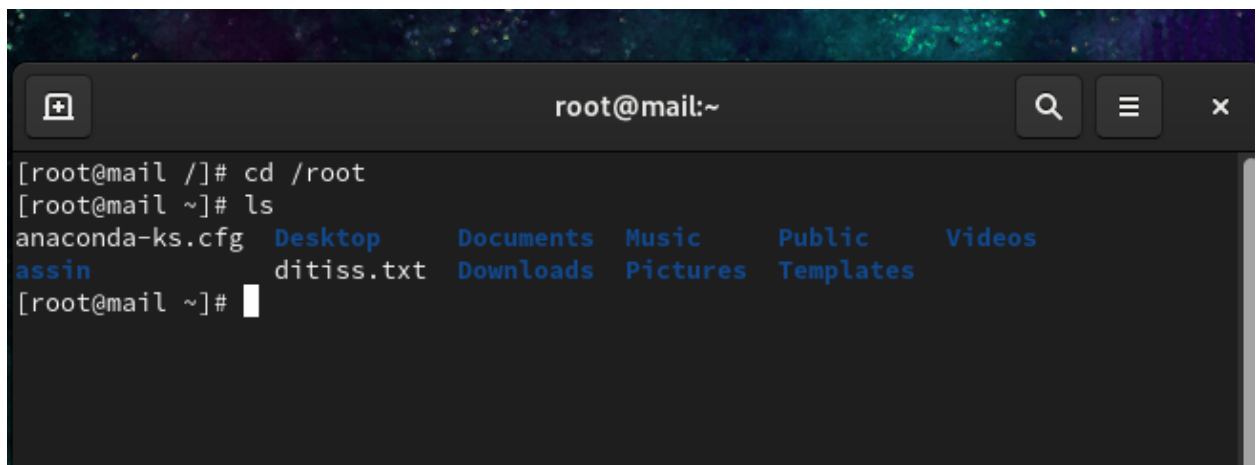
1. Create empty file touch ditiss.txt in server side then copy this file in client-side /root

A terminal window titled 'root@ec1:~' showing a file transfer process. The user runs 'scp ditiss.txt ssh -X 192.168.1.20:/root/'. The terminal shows a password prompt, a progress bar for 'ditiss.txt' at 100%, and a 'stat local "ssh": No such file or directory' error. The window has a search icon, a menu icon, and a close icon in the top right.

```
[root@ec1 ~]# scp ditiss.txt ssh -X 192.168.1.20:/root/
root@192.168.1.20's password:
ditiss.txt                                100%    0    0.0KB/s   00:00
stat local "ssh": No such file or directory
[root@ec1 ~]#
```

2. Check the file it is copied in client side

#cd /root to go to root

A terminal window titled 'root@mail:~' showing the user navigating to the root directory and listing files. The user runs 'cd /root' and 'ls'. The terminal shows the directory listing for the root directory, including files like 'anaconda-ks.cfg', 'assin', and 'ditiss.txt'. The window has a search icon, a menu icon, and a close icon in the top right.

```
[root@mail /]# cd /root
[root@mail ~]# ls
anaconda-ks.cfg  Desktop      Documents   Music       Public      Videos
assin            ditiss.txt  Downloads   Pictures    Templates
```