



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering
Academic Year : 2023-24

Step 3: Now restart “inetd”. Type “sudo /etc/init.d.open-bsd-inetd restart”. “inetd” is daemon used for dealing with incoming network and it is responsible for deciding which program to run when a request comes.

```
Terminal
ubuntu14@ubuntu: ~
ubuntu14@ubuntu:~$ sudo /etc/init.d/openbsd-inetd restart
```

Step 4: To ensure “inetd” is started, press enter after writing the above command.

```
Terminal
ubuntu14@ubuntu: ~
ubuntu14@ubuntu:~$ sudo /etc/init.d/openbsd-inetd restart
* Restarting internet superserver inetd [ OK ]
ubuntu14@ubuntu:~$
```

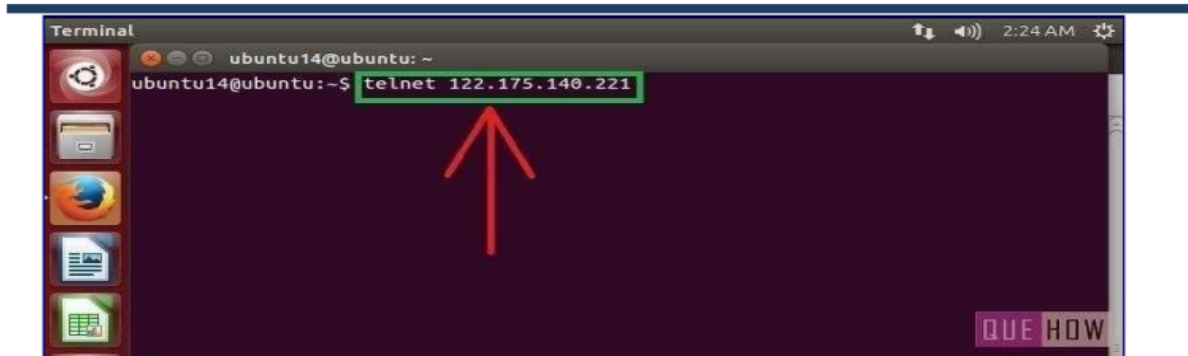
To connect with any remote client:

Step 5: Just type:“telnet hostipaddress”. For an example: “telnet 122.175.140.221” and press enter.

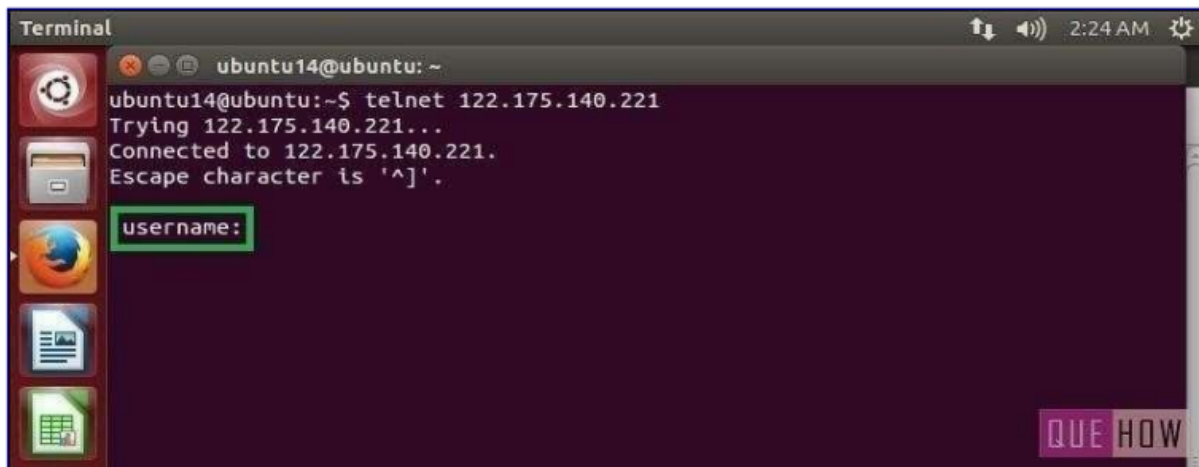


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Step 6: Then it is connected to “host ip address”. For security reasons, it is required to provide “username” and “password” as well.



Output:

```
ubuntu@ubuntu-HP-280-Pro-G5-Small-Form-Factor-PC:~$ sudo apt-get install telnetd
[sudo] password for ubuntu:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  openssh-inetd tcpd
The following NEW packages will be installed:
  openssh-inetd tcpd telnetd
0 upgraded, 3 newly installed, 0 to remove and 311 not upgraded.
Need to get 92.2 kB of archives.
After this operation, 318 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 tcpd amd64 7.6.q-31build2 [25.2 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 openssh-inetd amd64 0.20160825-5 [26.3 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 telnetd amd64 0.17-44build1 [40.7 kB]
Fetched 92.2 kB in 5s (19.1 kB/s)
Selecting previously unselected package tcpd.
(Reading database ... 159970 files and directories currently installed.)
Preparing to unpack .../tcpd_7.6.q-31build2_amd64.deb ...
Unpacking tcpd (7.6.q-31build2) ...
Selecting previously unselected package openssh-inetd.
Preparing to unpack .../openssh-inetd_0.20160825-5_amd64.deb ...
Unpacking openssh-inetd (0.20160825-5) ...
Selecting previously unselected package telnetd.
Preparing to unpack .../telnetd_0.17-44build1_amd64.deb ...
Unpacking telnetd (0.17-44build1) ...
Setting up tcpd (7.6.q-31build2) ...
Setting up openssh-inetd (0.20160825-5) ...
Created symlink /etc/systemd/system/multi-user.target.wants/inetd.service → /lib/systemd/system/inetd.service.
Setting up telnetd (0.17-44build1) ...
Adding user telnetd to group utmp
Processing triggers for man-db (2.10.2-1) ...
ubuntu@ubuntu-HP-280-Pro-G5-Small-Form-Factor-PC:~$ sudo /etc/init.d/openssh-inetd restart
Restarting openssh-inetd (via systemctl): openssh-inetd.service.
```



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```
ubuntu@ubuntu-HP-280-Pro-G5-Small-Form-Factor-PC:~$ telnet 192.168.12.245
Trying 192.168.12.245...
Connected to 192.168.12.245.
Escape character is '^J'.
Ubuntu 22.04.1 LTS
ubuntu-HP-Elite-Tower-600-G9-Desktop-PC login: ubuntu
Password:
Login incorrect
ubuntu-HP-Elite-Tower-600-G9-Desktop-PC login: ubuntu
Password:
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-43-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

339 updates can be applied immediately.
172 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Last login: Mon Sep 25 09:58:15 IST 2023 from 192.168.12.244 on pts/0
ubuntu@ubuntu-HP-Elite-Tower-600-G9-Desktop-PC:~$ ls
adi Desktop Documents Downloads Music Pictures Public snap Templates Videos
ubuntu@ubuntu-HP-Elite-Tower-600-G9-Desktop-PC:~$ rm -rf adi
ubuntu@ubuntu-HP-Elite-Tower-600-G9-Desktop-PC:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
```

Conclusion:

Telnet facilitated a seamless connection, demonstrating its capability for remote access. This underscores Telnet's functionality in enabling command-line access to a remote server, showcasing its relevance in network administration. The successful login validates Telnet as a reliable protocol for remote communication within a network environment.