

Telnet

Telnet is an old network protocol that is used to connect to remote systems over a TCP/IP network. It connects to servers and network equipment over port 23. Let's take a look at Telnet command usage.

INSTALING TELNET

```
(root@vivek)-[~]
# yum install telnet telnet-server -y
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
Last metadata expiration check: 3:10:08 ago on Fri 18 Feb 2022 12:11:19 AM EST.
Package telnet-1:0.17-73.el8.x86_64 is already installed.
Dependencies resolved.
=====
Package                                Architecture
=====
Installing:
telnet-server                          x86_64
=====
Transaction Summary
=====
Install 1 Package
```

START AND ENABLE TELNET COMMAND

```
(root@vivek)-[~]
# systemctl start telnet.socket

(root@vivek)-[~]
# systemctl enable telnet.socket
Created symlink /etc/systemd/system/sockets.target.wants/telnet.socket → /usr/lib/systemd/system/telnet.socket.
```

Allow port 23 which is the native port that telnet uses on the firewall

```
(root@vivek)-[~]
# firewall-cmd --permanent --add-port=23/tcp
success
```

Reload the firewall for the rule to take effect

```
(root@vivek)-[~]
# firewall-cmd --reload
success
```

To verify the status of telnet run

```
(root@vivek)-[~]
# systemctl status telnet.socket
● telnet.socket - Telnet Server Activation Socket
   Loaded: loaded (/usr/lib/systemd/system/telnet.socket; enabled; vendor preset: disabled)
   Active: active (listening) since Fri 2022-02-18 03:22:08 EST; 13min ago
     Docs: man:telnetd(8)
    Listen: [::]:23 (Stream)
  Accepted: 0; Connected: 0;
   CGroup: /system.slice/telnet.socket

Feb 18 03:22:08 vivek.gandhi.com systemd[1]: Listening on Telnet Server Activation Socket.
```

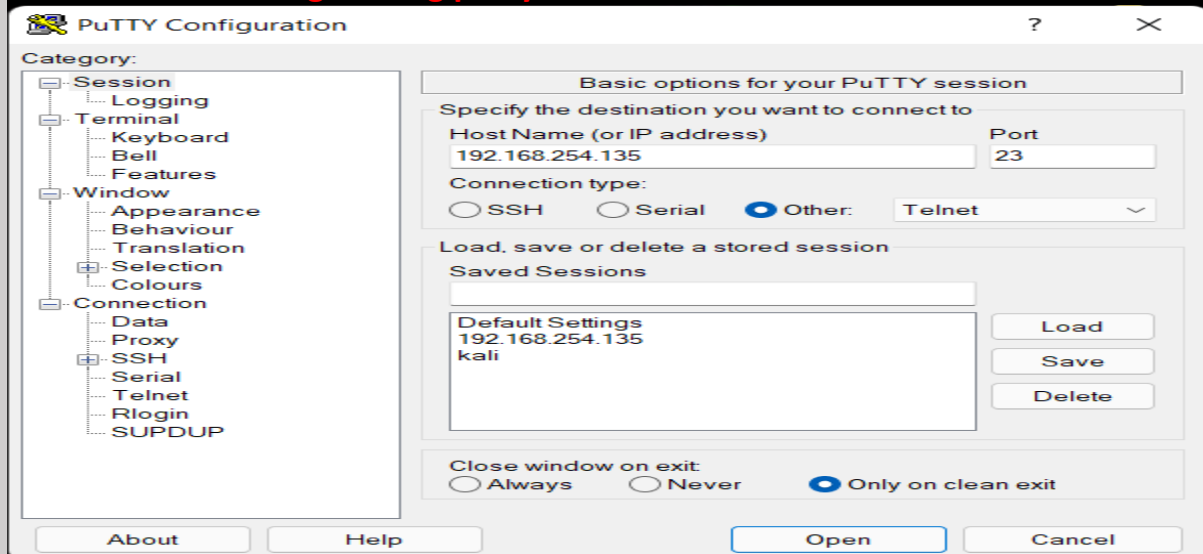
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To use telnet command to log in to another server

```
(root@kali)~# telnet vivek
Trying 192.168.254.135...
Connected to vivek.gandhi.com.
Escape character is '^]'.

Kernel 4.18.0-193.el8.x86_64 on an x86_64
vivek login: vg
Password:
Last login: Fri Feb 18 03:47:02 on tty3
```

To login using putty enter the server's IP address



```
vg@vivek:~
Kernel 4.18.0-193.el8.x86_64 on an x86_64
vivek login: vg
Password:
Last login: Fri Feb 18 04:08:03 from kali
[vg@vivek ~]$
```