

## Installation of wireshark

```
Reading package lists...) Done

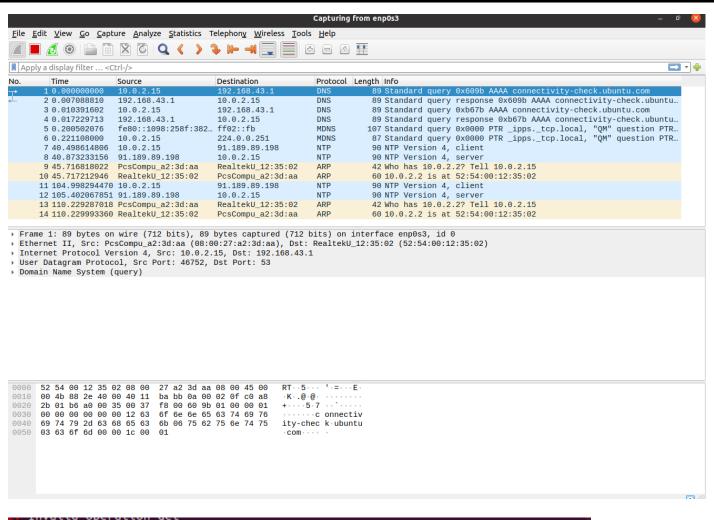
Building dependency tree

Reading package lists... Done

Building dependency tree

Reading state information... Done

Reading state information.... Done
```



```
eenamathew@jeenamathew-VirtualBox:~$ sudo apt-get install netcat
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
 netcat
 upgraded, 1 newly installed, 0 to remove and 336 not upgraded.
Need to get 2,172 B of archives.
After this operation, 15.4 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu focal/universe amd64 netcat all 1.206-
1ubuntu1 [2,172 B]
Fetched 2,172 B in 3s (784 B/s)
Selecting previously unselected package netcat.
(Reading database ... 160220 files and directories currently installed.)
Preparing to unpack \dots/netcat 1.206-1ubuntu1 all.deb \dots
Jnpacking netcat (1.206-1ubuntu1) ...
Setting up netcat (1.206-1ubuntu1) ...
eenamathew@jeenamathew-VirtualBox:~$
```

```
Command Summary:
                                                                                  Use IPv4
Use IPv6
                                                                                 Use IPv6
Allow broadcast
Send CRLF as line-ending
Enable the debug socket option
Detach from stdin
Pass socket fd
This help text
TCP receive buffer length
Delay interval for lines sent, ports scanned
Keep inbound sockets open for multiple connects
Listen mode, for inbound connects
Outgoing TTL / Hop Limit
Minimum incoming TTL / Hop Limit
Shutdown the network socket after EOF on stdin
Suppress name/port resolutions
                                         -I length
-i interval
                                         -M ttl
                                         -m minttl
-N
                                                                                 Shutdown the network socket after EOF on s
Suppress name/port resolutions
TCP send buffer length
Username for proxy authentication
Specify local port for remote connects
quit after EOF on stdin and delay of secs
Randomize remote ports
Enable the TCP MDS signature option
Local source address
TOS value
                                         -n
-O length
-P proxyuser
                                          -p port
                                          -q secs
                                          -s source
-T keyword
                                                                                  TOS value
Answer TELNET negotiation
Use UNIX domain socket
                                                                                   UDP mode
                                          -V rtable
                                                                                   Specify alternate routing table
                                                                                   Verbose
                                                                                  Terminate after receiving a number of packets
Timeout for connects and final net reads
                                          -W recvlimit
```