

# GUVI TASK (Linux Day 3)

- ❖ Get me IP address of particular domain (guvi.in)

```
root@ip-172-31-23-0:/home/ubuntu#  
root@ip-172-31-23-0:/home/ubuntu#  
root@ip-172-31-23-0:/home/ubuntu# nslookup www.guvi.com  
Server:      127.0.0.53  
Address:     127.0.0.53#53  
  
Non-authoritative answer:  
Name:   www.guvi.com  
Address: 172.67.146.154  
Name:   www.guvi.com  
Address: 104.21.79.166  
Name:   www.guvi.com  
Address: 2606:4700:3037::ac43:929a  
Name:   www.guvi.com  
Address: 2606:4700:3031::6815:4fa6  
  
root@ip-172-31-23-0:/home/ubuntu#  
root@ip-172-31-23-0:/home/ubuntu#
```

- ❖ How do I find my CPU/memory usage of my server?

```
root@ip-172-31-23-0:/home/ubuntu#  
root@ip-172-31-23-0:/home/ubuntu# netstat  
Active Internet connections (w/o servers)  
Proto Recv-Q Send-Q Local Address           Foreign Address         State  
tcp6      0      0 ip-172-31-23-0.ec2.:ssh ec2-18-206-107-29:55308 ESTABLISHED  
tcp6      0      0 ip-172-31-23-0.ec2.:ssh node-103-77-137-1:58923 ESTABLISHED  
Active UNIX domain sockets (w/o servers)  
Proto RefCnt Flags               Type           State         I-Node   Path  
unix    2      [ ]                 DGRAM          CONNECTED     6207        
unix    3      [ ]                 STREAM          CONNECTED    156803      
unix    2      [ ]                 DGRAM          CONNECTED    156406      
unix    3      [ ]                 STREAM          CONNECTED    36072       
unix    3      [ ]                 SEQUENTIAL     CONNECTED    39465       
unix    3      [ ]                 STREAM          CONNECTED    36460     /run/systemd/journal/stdout  
unix    3      [ ]                 DGRAM          CONNECTED    36427     /run/systemd/journal/stdout  
unix    3      [ ]                 STREAM          CONNECTED    36074     /run/systemd/journal/stdout  
unix    3      [ ]                 DGRAM          CONNECTED    156521      
unix    2      [ ]                 DGRAM          CONNECTED    156520    /run/user/1000/systemd/notify  
unix    3      [ ]                 DGRAM          CONNECTED    36425       
unix    3      [ ]                 STREAM          CONNECTED    6413      /run/dbus/system_bus_socket  
unix    3      [ ]                 STREAM          CONNECTED    156804      
unix    3      [ ]                 DGRAM          CONNECTED    36426       
unix    3      [ ]                 STREAM          CONNECTED    157855      
unix    3      [ ]                 DGRAM          CONNECTED    156522      
unix    2      [ ]                 DGRAM          CONNECTED    35789       
unix    3      [ ]                 STREAM          CONNECTED    6124      /run/systemd/journal/stdout  
unix    3      [ ]                 STREAM          CONNECTED    36950       
unix    3      [ ]                 DGRAM          CONNECTED    1692        
unix    3      [ ]                 DGRAM          CONNECTED    1690      /run/systemd/notify  
unix    3      [ ]                 STREAM          CONNECTED    23087     /run/systemd/journal/stdout  
unix    3      [ ]                 STREAM          CONNECTED    36457       
unix    3      [ ]                 STREAM          CONNECTED    23086       
unix    3      [ ]                 STREAM          CONNECTED    6122        
unix    3      [ ]                 STREAM          CONNECTED    40731       
unix    2      [ ]                 DGRAM          CONNECTED    1715      /run/systemd/journal/syslog  
unix    14     [ ]                 DGRAM          CONNECTED    1719      /run/systemd/journal/dev-log  
unix    8      [ ]                 DGRAM          CONNECTED    1721      /run/systemd/journal/socket  
unix    2      [ ]                 DGRAM          CONNECTED    156480      
unix    2      [ ]                 DGRAM          CONNECTED    157936      
unix    3      [ ]                 STREAM          CONNECTED    157856      
unix    3      [ ]                 STREAM          CONNECTED    156472    /run/systemd/journal/stdout  
unix    2      [ ]                 DGRAM          CONNECTED    157895      
unix    3      [ ]                 STREAM          CONNECTED    33997     /run/dbus/system_bus_socket  
unix    3      [ ]                 STREAM          CONNECTED    157907
```

❖ Test the connectivity between 2 nodes?

```

root@ip-172-31-23-0: /home/ubuntu#
root@ip-172-31-23-0: /home/ubuntu#
root@ip-172-31-23-0: /home/ubuntu# ping www.guvi.com
PING www.guvi.com (172.67.146.154) 56(84) bytes of data.
64 bytes from 172.67.146.154: icmp_seq=1 ttl=57 time=1.31 ms
64 bytes from 172.67.146.154: icmp_seq=2 ttl=57 time=1.36 ms
64 bytes from 172.67.146.154: icmp_seq=3 ttl=57 time=1.46 ms
64 bytes from 172.67.146.154: icmp_seq=4 ttl=57 time=1.37 ms
64 bytes from 172.67.146.154: icmp_seq=5 ttl=57 time=1.36 ms
64 bytes from 172.67.146.154: icmp_seq=6 ttl=57 time=1.45 ms
64 bytes from 172.67.146.154: icmp_seq=7 ttl=57 time=1.37 ms
64 bytes from 172.67.146.154: icmp_seq=8 ttl=57 time=1.32 ms
64 bytes from 172.67.146.154: icmp_seq=9 ttl=57 time=1.36 ms
64 bytes from 172.67.146.154: icmp_seq=10 ttl=57 time=1.41 ms
64 bytes from 172.67.146.154: icmp_seq=11 ttl=57 time=1.33 ms
64 bytes from 172.67.146.154: icmp_seq=12 ttl=57 time=1.32 ms
64 bytes from 172.67.146.154: icmp_seq=13 ttl=57 time=1.33 ms
64 bytes from 172.67.146.154: icmp_seq=14 ttl=57 time=1.42 ms
64 bytes from 172.67.146.154: icmp_seq=15 ttl=57 time=1.45 ms
64 bytes from 172.67.146.154: icmp_seq=16 ttl=57 time=1.32 ms
64 bytes from 172.67.146.154: icmp_seq=17 ttl=57 time=1.32 ms
64 bytes from 172.67.146.154: icmp_seq=18 ttl=57 time=1.39 ms
64 bytes from 172.67.146.154: icmp_seq=19 ttl=57 time=1.31 ms
64 bytes from 172.67.146.154: icmp_seq=20 ttl=57 time=1.34 ms
64 bytes from 172.67.146.154: icmp_seq=21 ttl=57 time=1.40 ms
64 bytes from 172.67.146.154: icmp_seq=22 ttl=57 time=1.35 ms
64 bytes from 172.67.146.154: icmp_seq=23 ttl=57 time=1.30 ms
AC
--- www.guvi.com ping statistics ---
23 packets transmitted, 23 received, 0% packet loss, time 2203ms
rtt min/avg/max/mdev = 1.299/1.362/1.464/0.048 ms
root@ip-172-31-23-0: /home/ubuntu#
root@ip-172-31-23-0: /home/ubuntu#

```

❖ I have deployed an application in guvi.com:9000, and logs shows my app is running, but I'm unable to view the page. Check whether my port is open or not ?

```

root@ip-172-31-23-0: /home/ubuntu#
root@ip-172-31-23-0: /home/ubuntu# netstat -an guvi.com:9000
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 127.0.0.0:53:53        0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.0:54:53        0.0.0.0:*               LISTEN
tcp6       0      0 :::80                  :::*                    LISTEN
tcp6       0      0 :::22                  :::*                    LISTEN
tcp6       0      0 172.31.23.0:22         18.206.107.29:55308    ESTABLISHED
tcp6       0      0 172.31.23.0:22         103.77.137.116:58923  ESTABLISHED
udp        0      0 127.0.0.0:54:53        0.0.0.0:*               *
udp        0      0 127.0.0.0:53:53        0.0.0.0:*               *
udp        0      0 172.31.23.0:68         0.0.0.0:*               *
udp        0      0 127.0.0.0:1:323        0.0.0.0:*               *
udp6       0      0 :::1:323               :::*                    *
raw6       0      0 :::58                  :::*                    *
Active UNIX domain sockets (servers and established)
Proto RefCnt Flags               Type               State         I-Node   Path
unix   2      [ ]                 DGRAM             CONNECTED     6207      /run/systemd/journal/stdout
unix   3      [ ]                 STREAM            CONNECTED    156803    /run/systemd/journal/stdout
unix   2      [ ]                 DGRAM             CONNECTED    156406    /run/systemd/journal/stdout
unix   3      [ ]                 STREAM            CONNECTED    36072     /run/systemd/journal/stdout
unix   3      [ ]                 SEQPACKET         CONNECTED    39465     /run/systemd/journal/stdout
unix   3      [ ]                 STREAM            CONNECTED    36460     /run/systemd/journal/stdout
unix   3      [ ]                 DGRAM             CONNECTED    36427     /run/systemd/journal/stdout
unix   3      [ ]                 STREAM            CONNECTED    36074     /run/systemd/journal/stdout
unix   3      [ ]                 DGRAM             CONNECTED    156521    /run/user/1000/systemd/notify
unix   2      [ ]                 DGRAM             CONNECTED    156520    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156523    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156532    /run/user/1000/systemd/private
unix   3      [ ]                 DGRAM             CONNECTED    36425     /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156536    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156538    /run/user/1000/systemd/private
unix   3      [ ]                 STREAM            CONNECTED    6413      /run/dbus/system_bus_socket
unix   2      [ ACC ]             STREAM            LISTENING     156540    /run/user/1000/systemd/private
unix   3      [ ]                 STREAM            CONNECTED    156804    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156545    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156547    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156549    /run/user/1000/systemd/private
unix   3      [ ]                 DGRAM             CONNECTED    36426     /run/user/1000/systemd/private
unix   3      [ ]                 STREAM            CONNECTED    157855    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156551    /run/user/1000/systemd/private
unix   3      [ ]                 DGRAM             CONNECTED    156522    /run/user/1000/systemd/private
unix   2      [ ACC ]             STREAM            LISTENING     156594    /run/user/1000/systemd/private

```