

Network Task

Task Description:

1. Get me the IP address of a particular domain (guvi.in). How do I find my CPU/memory usage of my server?. Test the connectivity between 2 nodes?

Select deepak@GB-5CD2288DXL: ~

```
deepak@GB-5CD2288DXL:~$ nslookup guvi.in
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   guvi.in
Address: 104.26.4.88
Name:   guvi.in
Address: 104.26.5.88
Name:   guvi.in
Address: 172.67.70.207
Name:   guvi.in
Address: 2606:4700:20::681a:458
Name:   guvi.in
Address: 2606:4700:20::ac43:46cf
Name:   guvi.in
Address: 2606:4700:20::681a:558

deepak@GB-5CD2288DXL:~$ top
top - 22:31:36 up 7:17, 0 user, load average: 0.00, 0.00, 0.00
Tasks: 5 total, 1 running, 4 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni,100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 12521.0 total, 12357.4 free, 274.3 used, 73.1 buff/cache
MiB Swap: 4096.0 total, 4096.0 free, 0.0 used. 12246.7 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
    1 root        20   0    908    532   472  S   0.0   0.0   0:00.02 init
   44 root        20   0    908     80    20  S   0.0   0.0   0:00.00 init
   45 root        20   0    908     80    20  S   0.0   0.0   0:00.00 init
   46 deepak     20   0   6068   5312  3596  S   0.0   0.0   0:00.02 bash
   62 deepak     20   0   9268   5372  3232  R   0.0   0.0   0:00.00 top

deepak@GB-5CD2288DXL:~$ traceroute 104.26.4.88
traceroute to 104.26.4.88 (104.26.4.88), 30 hops max, 60 byte packets
 1  172.26.224.1 (172.26.224.1)  0.402 ms  0.343 ms  0.282 ms
 2  192.168.10.1 (192.168.10.1)  1.834 ms  2.100 ms  1.990 ms

 3  * * *
 4  * * *
 5  * * *
 6  * * *
 7  * * *
 8  * * *
 9  * * *
10  * * *
11  * * *
12  * * *
13 104.26.4.88 (104.26.4.88) 14.374 ms 14.362 ms 13.939 ms
```

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

```
deepak@GB-5CD2288DXL: ~  
deepak@GB-5CD2288DXL:~$ telnet guvi.in 9000  
Trying 104.26.5.88...  
Connection failed: Connection timed out  
Trying 172.67.70.207...  
Connection failed: Connection timed out  
Trying 104.26.4.88...  
Connection failed: Connection timed out  
Trying 2606:4700:20::681a:558...  
Connection failed: Network is unreachable  
Trying 2606:4700:20::681a:458...  
Connection failed: Network is unreachable  
Trying 2606:4700:20::ac43:46cf...  
telnet: Unable to connect to remote host: Network is unreachable  
deepak@GB-5CD2288DXL:~$ netstat -tuln | grep 9000
```