

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?

```
ec2-user@ip-172-31-94-247:~ × + ∨  
[ec2-user@ip-172-31-94-247 ~]$ nslookup guvi.in  
Server:      172.31.0.2  
Address:     172.31.0.2#53  
  
Non-authoritative answer:  
Name:   guvi.in  
Address: 104.26.4.88  
Name:   guvi.in  
Address: 172.67.70.207  
Name:   guvi.in  
Address: 104.26.5.88  
Name:   guvi.in  
Address: 2606:4700:20::ac43:46cf  
Name:   guvi.in  
Address: 2606:4700:20::681a:458  
Name:   guvi.in  
Address: 2606:4700:20::681a:558  
  
[ec2-user@ip-172-31-94-247 ~]$ s
```

```
ec2-user@ip-172-31-94-247:~$ top
top - 04:09:56 up 32 min, 3 users, load average: 0.04, 0.01, 0.00
Tasks: 106 total, 1 running, 105 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.3 sy, 0.0 ni, 96.8 id, 0.0 wa, 0.0 hi, 0.0 si, 2.9 st
MiB Mem : 949.5 total, 587.5 free, 130.4 used, 231.5 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used, 681.6 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
 1046 root        20   0       0       0       0 S   0.3   0.0   0:00.41 xfsaild/xvda1
 2902 root        20   0       0       0       0 I   0.3   0.0   0:00.02 kworker/u30:3-events_unbound
 3517 ec2-user    20   0  223920   3356   2692 R   0.3   0.3   0:00.02 top
    1 root        20   0  105720  16992  10596 S   0.0   1.7   0:00.81 systemd
    2 root        20   0       0       0       0 S   0.0   0.0   0:00.00 kthreadd
    3 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 rcu_gp
    4 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 rcu_par_gp
    5 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 slub_flushwq
    6 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 netns
    8 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
   10 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 mm_percpu_wq
   11 root        20   0       0       0       0 I   0.0   0.0   0:00.00 rcu_tasks_kthread
   12 root        20   0       0       0       0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
   13 root        20   0       0       0       0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthread
   14 root        20   0       0       0       0 S   0.0   0.0   0:00.06 ksoftirqd/0
   15 root        20   0       0       0       0 I   0.0   0.0   0:00.04 rcu_preempt
   16 root        rt    0       0       0       0 S   0.0   0.0   0:00.00 migration/0
   18 root        20   0       0       0       0 S   0.0   0.0   0:00.00 cpuhp/0
   20 root        20   0       0       0       0 S   0.0   0.0   0:00.00 kdevtmpfs
   21 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 inet_frag_wq
   22 root        20   0       0       0       0 S   0.0   0.0   0:00.00 kauditd
   23 root        20   0       0       0       0 S   0.0   0.0   0:00.00 khungtaskd
   24 root        20   0       0       0       0 S   0.0   0.0   0:00.00 oom_reaper
   27 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 writeback
   28 root        20   0       0       0       0 S   0.0   0.0   0:00.04 kcompactd0
   29 root        39  19       0       0       0 S   0.0   0.0   0:00.00 khugepaged
   30 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 cryptd
   31 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 kintegrityd
   32 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 kblockd
   33 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 blkcg_punt_bio
   34 root        20   0       0       0       0 S   0.0   0.0   0:00.00 xen-balloon
   35 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 tpm_dev_wq
   36 root         0 -20       0       0       0 I   0.0   0.0   0:00.00 md
```

ec2-user@ip-172-31-94-247:~

+ v

```
[ec2-user@ip-172-31-94-247 ~]$ ping guvi.in
```

```
PING guvi.in (104.26.4.88) 56(84) bytes of data.
```

```
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=1 ttl=57 time=2.85 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=2 ttl=57 time=2.98 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=3 ttl=57 time=2.92 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=4 ttl=57 time=2.49 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=5 ttl=57 time=2.86 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=6 ttl=57 time=2.80 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=7 ttl=57 time=2.47 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=8 ttl=57 time=2.74 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=9 ttl=57 time=3.11 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=10 ttl=57 time=2.40 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=11 ttl=57 time=2.80 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=12 ttl=57 time=2.67 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=13 ttl=57 time=2.74 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=14 ttl=57 time=3.02 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=15 ttl=57 time=2.41 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=16 ttl=57 time=2.42 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=17 ttl=57 time=2.69 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=18 ttl=57 time=2.48 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=19 ttl=57 time=2.62 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=20 ttl=57 time=3.11 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=21 ttl=57 time=3.15 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=22 ttl=57 time=2.38 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=23 ttl=57 time=2.63 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=24 ttl=57 time=2.87 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=25 ttl=57 time=2.45 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=26 ttl=57 time=2.64 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=27 ttl=57 time=2.78 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=28 ttl=57 time=2.70 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=29 ttl=57 time=3.52 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=30 ttl=57 time=2.70 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=31 ttl=57 time=2.61 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=32 ttl=57 time=2.41 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=33 ttl=57 time=2.51 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=34 ttl=57 time=2.79 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=35 ttl=57 time=2.90 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=36 ttl=57 time=2.82 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=37 ttl=57 time=2.38 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=38 ttl=57 time=2.73 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=39 ttl=57 time=2.53 ms
```

```
ec2-user@ip-172-31-94-247:~ X + v
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=134 ttl=57 time=2.94 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=135 ttl=57 time=2.67 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=136 ttl=57 time=2.65 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=137 ttl=57 time=2.51 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=138 ttl=57 time=2.64 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=139 ttl=57 time=2.66 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=140 ttl=57 time=2.83 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=141 ttl=57 time=2.43 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=142 ttl=57 time=2.57 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=143 ttl=57 time=2.62 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=144 ttl=57 time=2.72 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=145 ttl=57 time=3.13 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=146 ttl=57 time=2.90 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=147 ttl=57 time=2.61 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=148 ttl=57 time=2.69 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=149 ttl=57 time=2.75 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=150 ttl=57 time=2.90 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=151 ttl=57 time=2.66 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=152 ttl=57 time=2.48 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=153 ttl=57 time=3.27 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=154 ttl=57 time=2.53 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=155 ttl=57 time=2.46 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=156 ttl=57 time=2.76 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=157 ttl=57 time=2.81 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=158 ttl=57 time=2.48 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=159 ttl=57 time=2.64 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=160 ttl=57 time=2.52 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=161 ttl=57 time=2.99 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=162 ttl=57 time=2.71 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=163 ttl=57 time=2.94 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=164 ttl=57 time=2.53 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=165 ttl=57 time=2.76 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=166 ttl=57 time=3.06 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=167 ttl=57 time=2.84 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=168 ttl=57 time=2.66 ms
64 bytes from 104.26.4.88 (104.26.4.88): icmp_seq=169 ttl=57 time=2.90 ms
^C
--- guvi.in ping statistics ---
169 packets transmitted, 169 received, 0% packet loss, time 168273ms
rtt min/avg/max/mdev = 2.377/2.733/3.520/0.234 ms
[ec2-user@ip-172-31-94-247 ~]$
```

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 ?

```
ec2-user@ip-172-31-94-247:~$ sudo yum install telnet -y
=====
Package                        Architecture      Version           Repository        Size
=====
Installing:
telnet                        x86_64            1:0.17-83.amzn2023.0.2  amazonlinux        64 k
=====
Transaction Summary
=====
Install 1 Package

Total download size: 64 k
Installed size: 121 k
Is this ok [y/N]: y
Downloading Packages:
telnet-0.17-83.amzn2023.0.2.x86_64.rpm                                1.2 MB/s | 64 kB | 00:00
-----
Total                                                                    576 kB/s | 64 kB | 00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : telnet-1:0.17-83.amzn2023.0.2.x86_64                1/1
  Installing     : telnet-1:0.17-83.amzn2023.0.2.x86_64                1/1
  Running scriptlet: telnet-1:0.17-83.amzn2023.0.2.x86_64                1/1
  Verifying      : telnet-1:0.17-83.amzn2023.0.2.x86_64                1/1

Installed:
  telnet-1:0.17-83.amzn2023.0.2.x86_64

Complete!
[ec2-user@ip-172-31-94-247 ~]$ telnet guvi.com 9000
Trying 104.21.79.166...
telnet: connect to address 104.21.79.166: Connection timed out
Trying 172.67.146.154...
telnet: connect to address 172.67.146.154: Connection timed out
Trying 2606:4700:3037::ac43:929a...
telnet: connect to address 2606:4700:3037::ac43:929a: Network is unreachable
Trying 2606:4700:3031::6815:4fa6...
telnet: connect to address 2606:4700:3031::6815:4fa6: Network is unreachable
[ec2-user@ip-172-31-94-247 ~]$
```