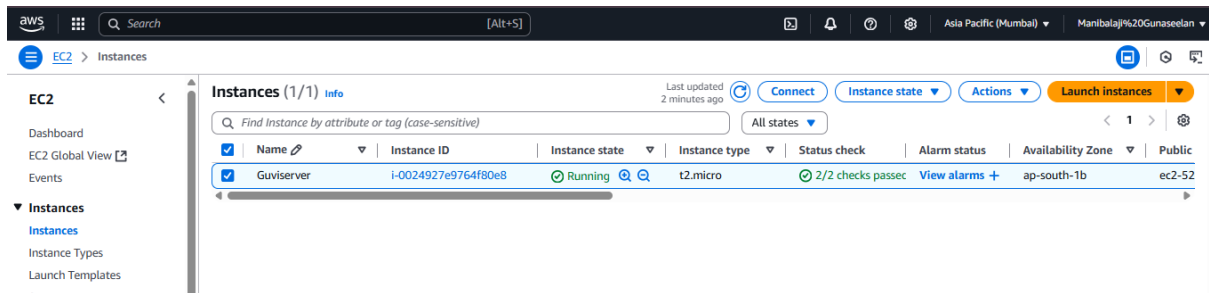


Task Description:

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?
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?



The screenshot shows the AWS Management Console for the 'Asia Pacific (Mumbai)' region. The 'EC2' section is selected, and the 'Instances' page is displayed. A table lists the instances, with 'Guviserver' (ID: i-0024927e9764f80e8) in a 'Running' state. The instance type is 't2.micro', and it has '2/2 checks passed'. The availability zone is 'ap-south-1b'.

Instance summary for i-0024927e9764f80e8 (Guviserver) [Info](#)

Updated less than a minute ago

Instance ID

[i-0024927e9764f80e8](#)

IPv6 address

–

Hostname type

IP name: ip-172-31-15-161.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

[52.66.130.29](#) [Public IP]

IAM Role

–

IMDSv2

Required

Public IPv4 address

[52.66.130.29](#) | [open address](#)

Instance state

[Running](#)

Private IP DNS name (IPv4 only)

[ip-172-31-15-161.ap-south-1.compute.internal](#)

Instance type

t2.micro

VPC ID

[vpc-0443a72874faeaae2](#)

Subnet ID

[subnet-09c9020196780696c](#)

Instance ARN

[arn:aws:ec2:ap-south-1:127214179354:instance/i-0024927e9764f80e8](#)

Private IPv4 addresses

[172.31.15.161](#)

Public IPv4 DNS

[ec2-52-66-130-29.ap-south-1.compute.amazonaws.com](#) | [open address](#)

Elastic IP addresses

–

AWS Compute Optimizer finding

[Opt-in to AWS Compute Optimizer for recommendations.](#) | [Learn more](#)

Auto Scaling Group name

–

Managed

false

```
ubuntu@ip-172-31-15-161:~$ nslookup guvi.in
Server:      127.0.0.53
Address:     127.0.0.53#53

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

ubuntu@ip-172-31-15-161:~$ top
Tasks: 105 total, 3 running, 102 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 : 957.4 total, 373.5 free, 353.9 used, 383.4 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 603.5 avail Mem
PID to renice [default pid = 1332]

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
 1332 ubuntu    20   0  12.1m   5.6m   3.5m  R   0.7   0.6   0:00.16 top
   1 root      20   0  22.0m  13.2m   9.3m  S   0.0   1.4   0:01.49 /sbin/init
   2 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [kthreadd]
   3 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [pool_workqueue_release]
   4 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-rcu_g]
   5 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-rcu_p]
   6 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-slub_]
   7 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-netns]
   9 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/0:1-cgroup_destroy]
  10 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/0:0H-events_highpri]
  11 root      20   0   0.0m   0.0m   0.0m  R   0.0   0.0   0:00.05 [kworker/u30:0-flush-202:0]
  12 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-mm_pe]
  13 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [rcu_tasks_rude_kthread]
```

```
12 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-mm_pe]
13 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [rcu_tasks_rude_kthread]
14 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [rcu_tasks_trace_kthread]
15 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.04 [ksoftirqd/0]
16 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.10 [rcu_sched]
17 root      rt   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [migration/0]
18 root     -51   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [idle_inject/0]
19 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [cpuhp/0]
20 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [kdevtmpfs]
21 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-inet_]
22 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.02 [kworker/u30:1-iou_exit]
23 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [kauditd]
24 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [khungtaskd]
25 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [oom_reaper]
26 root      20   0   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.01 [kworker/u30:2-events_power_efficient]
27 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-write]
28 root      20   0   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.01 [kcompactd0]
29 root      25   5   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [ksmd]
30 root      39  19   0.0m   0.0m   0.0m  S   0.0   0.0   0:00.00 [khugepaged]
31 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-kinte]
32 root      0 -20   0.0m   0.0m   0.0m  I   0.0   0.0   0:00.00 [kworker/R-kbloc]

[1]+  Stopped                  top
ubuntu@ip-172-31-15-161:~$ ping guvi.in
PING guvi.in (104.26.5.88) 56(84) bytes of data.
64 bytes from 104.26.5.88: icmp_seq=1 ttl=54 time=1.58 ms

64 bytes from 104.26.5.88: icmp_seq=2 ttl=54 time=1.72 ms
64 bytes from 104.26.5.88: icmp_seq=3 ttl=54 time=1.79 ms
64 bytes from 104.26.5.88: icmp_seq=4 ttl=54 time=1.40 ms
64 bytes from 104.26.5.88: icmp_seq=5 ttl=54 time=1.84 ms
64 bytes from 104.26.5.88: icmp_seq=6 ttl=54 time=1.90 ms
64 bytes from 104.26.5.88: icmp_seq=7 ttl=54 time=1.80 ms
64 bytes from 104.26.5.88: icmp_seq=8 ttl=54 time=1.66 ms
64 bytes from 104.26.5.88: icmp_seq=9 ttl=54 time=1.84 ms
64 bytes from 104.26.5.88: icmp_seq=10 ttl=54 time=1.57 ms
64 bytes from 104.26.5.88: icmp_seq=11 ttl=54 time=1.34 ms
64 bytes from 104.26.5.88: icmp_seq=12 ttl=54 time=1.53 ms
64 bytes from 104.26.5.88: icmp_seq=13 ttl=54 time=1.39 ms
```

```
2. 52.66.130.29
64 bytes from 104.26.5.88: icmp_seq=38 ttl=54 time=2.05 ms
64 bytes from 104.26.5.88: icmp_seq=39 ttl=54 time=1.53 ms
64 bytes from 104.26.5.88: icmp_seq=40 ttl=54 time=1.45 ms
64 bytes from 104.26.5.88: icmp_seq=41 ttl=54 time=2.12 ms
64 bytes from 104.26.5.88: icmp_seq=42 ttl=54 time=1.53 ms
64 bytes from 104.26.5.88: icmp_seq=43 ttl=54 time=1.73 ms
64 bytes from 104.26.5.88: icmp_seq=44 ttl=54 time=1.91 ms
64 bytes from 104.26.5.88: icmp_seq=45 ttl=54 time=1.70 ms
64 bytes from 104.26.5.88: icmp_seq=46 ttl=54 time=2.22 ms
64 bytes from 104.26.5.88: icmp_seq=47 ttl=54 time=1.72 ms
64 bytes from 104.26.5.88: icmp_seq=48 ttl=54 time=1.34 ms
64 bytes from 104.26.5.88: icmp_seq=49 ttl=54 time=1.52 ms
64 bytes from 104.26.5.88: icmp_seq=50 ttl=54 time=1.85 ms
64 bytes from 104.26.5.88: icmp_seq=51 ttl=54 time=1.57 ms
64 bytes from 104.26.5.88: icmp_seq=52 ttl=54 time=1.66 ms
64 bytes from 104.26.5.88: icmp_seq=53 ttl=54 time=1.71 ms
64 bytes from 104.26.5.88: icmp_seq=54 ttl=54 time=2.00 ms
64 bytes from 104.26.5.88: icmp_seq=55 ttl=54 time=1.52 ms
64 bytes from 104.26.5.88: icmp_seq=56 ttl=54 time=1.75 ms
64 bytes from 104.26.5.88: icmp_seq=57 ttl=54 time=1.38 ms
^Z
[2]+  Stopped                  ping guvi.in
ubuntu@ip-172-31-15-161:~$ telnet guvi.com 9000
Trying 172.67.146.154...
Connection failed: Connection timed out
Trying 104.21.79.166...
clear
^Z
[3]+  Stopped                  telnet guvi.com 9000
ubuntu@ip-172-31-15-161:~$ telnet google.com 434
Trying 142.250.183.206...
Connection failed: Connection timed out
Trying 2404:6800:4009:802::200e...
telnet: Unable to connect to remote host: Network is unreachable
ubuntu@ip-172-31-15-161:~$ telnet 52.66.130.29 9000
Trying 52.66.130.29...
telnet: Unable to connect to remote host: Connection timed out
ubuntu@ip-172-31-15-161:~$
```