

Networking Commands Task

Task1

```
mounika@mounikaKPC: /mnt/c/Users/mouni
Windows PowerShell
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PS C:\Users\mouni> wsl
mounika@mounikaKPC:/mnt/c/Users/mouni$ nslookup guvi.in
Server:      10.255.255.254
Address:     10.255.255.254#53

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

mounika@mounikaKPC:/mnt/c/Users/mouni$
```

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mounika@mounikaKPC: /mnt/c/Users/mouni
Address: 172.67.70.207
Name:   guvi.in
Address: 2606:4700:20::681a:558
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Address: 2606:4700:20::ac43:46cf
Name:   guvi.in
Address: 2606:4700:20::681a:458

mounika@mounikaKPC:/mnt/c/Users/mouni$ top
top - 12:35:27 up 3 min, 1 user, load average: 0.00, 0.01, 0.00
Tasks: 23 total, 1 running, 22 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
Mem Mem: 3806.8 total, 3129.9 free, 510.9 used, 318.0 buff/cache
Mem Swap: 1024.0 total, 1024.0 free, 0.0 used, 3295.9 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR   S  %CPU  %MEM    TIME+  COMMAND
 266 root        20   0   2624    128     0 S   0.3   0.0   0:00.01 Relay(267)
   1 root        20   0   21488  12920  9684 S   0.0   0.3   0:00.38 systemd
   2 root        20   0   2616   1444   1320 S   0.0   0.0   0:00.00 init-systemd(Ub
   6 root        20   0   2616    132    132 S   0.0   0.0   0:00.00 init
  51 root       19  -1  50436  17400 16300 S   0.0   0.4   0:00.11 systemd-journal
  93 root        20   0   23860   5912   4796 S   0.0   0.2   0:00.08 systemd-udev
 103 systemd+   20   0   21452  11976   9780 S   0.0   0.3   0:00.10 systemd-resolve
 104 systemd+   20   0   91020   6620   5772 S   0.0   0.2   0:00.07 systemd-timesyn
 141 root        20   0   4236   2792   2560 S   0.0   0.1   0:00.00 cron
 142 message+   20   0   9528   5180   4552 S   0.0   0.1   0:00.03 dbus-daemon
 149 root        20   0   17076   8516   7406 S   0.0   0.2   0:00.07 systemd-logind
 152 root        20   0 1756096 13984   9436 S   0.0   0.4   0:00.08 wal-pro-service
 157 root        20   0   3160   1148   1060 S   0.0   0.0   0:00.00 agetty
 171 syslog     20   0 222508   9304   4424 S   0.0   0.2   0:00.05 rsyslogd
 175 root        20   0   3116   1144   1060 S   0.0   0.0   0:00.00 agetty
 184 root        20   0 107000 22516 13188 S   0.0   0.6   0:00.12 unattended-upgr
 265 root        20   0   2624    124     0 S   0.0   0.0   0:00.00 SessionLeader
 267 mounika     20   0   6072   5320   3604 S   0.0   0.1   0:00.04 bash
 268 root        20   0   6692   4556   3772 S   0.0   0.1   0:00.00 login
 320 mounika     20   0 20252   11456 9388 S   0.0   0.3   0:00.07 systemd
 321 mounika     20   0   21144   1724     0 S   0.0   0.0   0:00.00 (sd-pam)
 334 mounika     20   0   6072   5048   3544 S   0.0   0.1   0:00.01 bash
 361 mounika     20   0   9308   5284   3144 R   0.0   0.1   0:00.04 top
```

```
mounika@mounikaKPC:/mnt/c/Users/mouni$ free -h
              total        used        free      shared  buff/cache   available
Mem:          3.7Gi         530Mi        3.0Gi         3.0Mi       318Mi        3.2Gi
Swap:         1.0Gi           0B         1.0Gi

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mounika@mounikaKPC:/mnt/c/Users/mouni$
mounika@mounikaKPC:/mnt/c/Users/mouni$ ping guvi.in
PING guvi.in (104.26.4.88) 56(84) bytes of data.
64 bytes from 104.26.4.88: icmp_seq=1 ttl=57 time=21.8 ms
64 bytes from 104.26.4.88: icmp_seq=2 ttl=57 time=25.5 ms
64 bytes from 104.26.4.88: icmp_seq=3 ttl=57 time=26.6 ms
64 bytes from 104.26.4.88: icmp_seq=4 ttl=57 time=14.1 ms
64 bytes from 104.26.4.88: icmp_seq=5 ttl=57 time=29.5 ms
64 bytes from 104.26.4.88: icmp_seq=6 ttl=57 time=30.8 ms
64 bytes from 104.26.4.88: icmp_seq=7 ttl=57 time=9.06 ms
64 bytes from 104.26.4.88: icmp_seq=8 ttl=57 time=21.8 ms
64 bytes from 104.26.4.88: icmp_seq=9 ttl=57 time=15.3 ms
64 bytes from 104.26.4.88: icmp_seq=10 ttl=57 time=20.8 ms
64 bytes from 104.26.4.88: icmp_seq=11 ttl=57 time=30.4 ms
64 bytes from 104.26.4.88: icmp_seq=12 ttl=57 time=28.1 ms
64 bytes from 104.26.4.88: icmp_seq=13 ttl=57 time=17.0 ms
64 bytes from 104.26.4.88: icmp_seq=14 ttl=57 time=6.93 ms
64 bytes from 104.26.4.88: icmp_seq=15 ttl=57 time=10.8 ms
64 bytes from 104.26.4.88: icmp_seq=16 ttl=57 time=17.8 ms
64 bytes from 104.26.4.88: icmp_seq=17 ttl=57 time=9.06 ms
64 bytes from 104.26.4.88: icmp_seq=18 ttl=57 time=9.61 ms
64 bytes from 104.26.4.88: icmp_seq=19 ttl=57 time=22.9 ms
64 bytes from 104.26.4.88: icmp_seq=20 ttl=57 time=41.4 ms
64 bytes from 104.26.4.88: icmp_seq=21 ttl=57 time=19.9 ms
64 bytes from 104.26.4.88: icmp_seq=22 ttl=57 time=17.4 ms
64 bytes from 104.26.4.88: icmp_seq=23 ttl=57 time=29.5 ms
64 bytes from 104.26.4.88: icmp_seq=24 ttl=57 time=13.9 ms
64 bytes from 104.26.4.88: icmp_seq=25 ttl=57 time=34.6 ms
64 bytes from 104.26.4.88: icmp_seq=26 ttl=57 time=53.2 ms
64 bytes from 104.26.4.88: icmp_seq=27 ttl=57 time=8.47 ms
64 bytes from 104.26.4.88: icmp_seq=28 ttl=57 time=6.67 ms
64 bytes from 104.26.4.88: icmp_seq=29 ttl=57 time=80.0 ms
64 bytes from 104.26.4.88: icmp_seq=30 ttl=57 time=10.1 ms
64 bytes from 104.26.4.88: icmp_seq=31 ttl=57 time=6.85 ms
64 bytes from 104.26.4.88: icmp_seq=32 ttl=57 time=5.76 ms
64 bytes from 104.26.4.88: icmp_seq=33 ttl=57 time=6.39 ms
64 bytes from 104.26.4.88: icmp_seq=34 ttl=57 time=9.63 ms
^C
--- guvi.in ping statistics ---
34 packets transmitted, 34 received, 0% packet loss, time 33055ms
rtt min/avg/max/mdev = 5.758/20.929/80.038/15.050 ms
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Task2

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PS C:\Users\mouni> wsl
mounika@mounikaKPC:/mnt/c/Users/mouni$ ping guvi.com
PING guvi.com (104.21.79.166) 56(84) bytes of data.
64 bytes from 104.21.79.166: icmp_seq=1 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=2 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=3 ttl=42 time=254 ms
64 bytes from 104.21.79.166: icmp_seq=4 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=5 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=6 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=7 ttl=42 time=253 ms
64 bytes from 104.21.79.166: icmp_seq=8 ttl=42 time=255 ms
64 bytes from 104.21.79.166: icmp_seq=9 ttl=42 time=254 ms
^C
--- guvi.com ping statistics ---
9 packets transmitted, 9 received, 0% packet loss, time 8012ms
rtt min/avg/max/mdev = 252.536/253.297/254.857/0.661 ms
mounika@mounikaKPC:/mnt/c/Users/mouni$ telnet guvi.com 9000
Trying 172.67.146.154...
Connection failed: Connection timed out
Trying 104.21.79.166...
Connection failed: Connection timed out
Trying 2606:4700:3031::6815:4fa6...
Connection failed: Network is unreachable
Trying 2606:4700:3037::ac43:929a...
telnet: Unable to connect to remote host: Network is unreachable
mounika@mounikaKPC:/mnt/c/Users/mouni$

```