

Network Task

TASKS

Work Flow:

- Create an EC2 instance with the help of AWS Management Console with linux OS of required configuration.
- Now, Connect an EC2 instance with an help of Windows Terminal or Gitbash or Vbox.
- To connect an EC2 instance the command is:

- `ssh -i "key_file" ec2-user@"Public_IP_address"`

Key_file --- Key file of the instance with the extension .pem

Public_IP_address --- Public IP address of the instance.

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?

- ✓ First To get an IP address of the particular domain (guvi.in), the command is:

- `dig guvi.in`

- ✓ To check an CPU/Memory usage of the server,

- For CPU usage, the command is:

- `top`

- For Memory usage, the command is:

- `free -h`

- ✓ Finally, To check an connectivity of the two node, the command is:

- `ping <destination-IP>`

- ✓ For example, I want to check an connectivity of the guvi.in server use an one of the IP address of the guvi.in is "104.26.4.88", in this case the command is:

- `ping 104.26.4.88`

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 ?

- ✓ To check if the port 9000 is open on guvi.com or not, the command is:

- `nmap -p 9000 guvi.com`

- **Open port:** Shows open.

- **Closed port:** Shows filtered (secured with an firewall) or closed.

- ✓ Before that if nmap is not installed it will show like no command line in this case we have to install an nmap service to install, the command is:

- `sudo yum install nmap -y`

***** TASK COMPLETED *****