

VM Configuration Note:

I created a VM instance using *Google Cloud Compute Engine* with **Ubuntu 22.04 LTS, e2-micro** (free-tier eligible) machine type in **asia-south1 (Mumbai)** region. Enabled HTTP and HTTPS traffic for web access.

This screenshot shows the Google Cloud Console interface for VM instances. The left sidebar lists navigation options like Overview, Security risk overview, and Virtual machines. The main panel displays a table of VM instances with columns for Status, Name, Zone, Recommendations, and Connect. Three instances are listed: task2-kantamneni, vm-task2-dunti, and vm-task2-duntikantamneni, all in the asia-south1-b zone. Below the table, there are related actions such as 'Fix data protection gaps' and 'View billing report'. The right sidebar shows recommended actions like 'Cloud Next Generation Firewall overview' and 'Types of firewall policies'.

Status	Name	Zone	Recommendations	Connect
✓	task2-kantamneni	asia-south1-b		SSH
○	vm-task2-dunti	asia-south1-b		SSH
✓	vm-task2-duntikantamneni	asia-south1-b		SSH

This screenshot shows the Google Cloud Console interface for VM instances, displaying a more detailed view of the instance table. The table includes columns for Zone, Recommendations, In use by, Internal IP, External IP, and Connect. Three instances are listed, all in the asia-south1-b zone. The External IP column shows public IP addresses for each instance. Below the table, there are related actions such as 'Fix data protection gaps' and 'View billing report'. The right sidebar shows recommended actions like 'Cloud Next Generation Firewall overview' and 'Types of firewall policies'.

Zone	Recommendations	In use by	Internal IP	External IP	Connect
asia-south1-b			10.160.0.4 (nic0)	34.93.99.18 (nic0)	SSH
asia-south1-b			10.160.0.2 (nic0)		SSH
asia-south1-b			10.160.0.3 (nic0)	34.100.133.43 (nic0)	SSH

ssh.cloud.google.com/v2/ssh/projects/calci... Google Chrome

SSH-in-browser

UPLOAD FILE

DOWNLOAD FILE

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Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1041-gcp x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/pro

This system has been minimized by removing packages and content that are
not required on a system that users do not log into.

To restore this content, you can run the 'unminimize' command.

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Wed Oct 22 15:57:47 2025 from 35.235.243.129
varunchowdary1511@task2-kantamneni:~$ uname -a
ls
ls
whoami
Linux task2-kantamneni 6.8.0-1041-gcp #43-22.04.1-Ubuntu SMP Wed Sep 24 23:11:19 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux
varunchowdary1511
varunchowdary1511@task2-kantamneni:~$
```

27°C Mostly cloudy

21:33 22-10-2025