

Practical-5

1. Sign in to Google Cloud Console

1. Go to Google Cloud Console.
 2. If you don't have an account, sign up and activate the **Free Tier**.
 3. Make sure **Compute Engine API** is enabled.
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2. Create a Linux Virtual Machine

1. Navigate to **Compute Engine** → **VM Instances**.
2. Click "**Create Instance**".

Configure the Instance

- **Name:** Choose a name (e.g., `linux-vm`)/ Debian
- **Region:** Select a free-tier eligible region: `us-west1`

Machine Type:

- **Series:** E2
- **Machine type:** `e2-micro` (Always Free Tier eligible)
- **Boot Disk:**
 - Click **Change** → Choose **Ubuntu/Debian/CentOS** (default is Debian).
 - Keep the default 10GB **Standard Persistent Disk** (to stay free).

Networking & Firewall

- **Firewall rules:** Check ☒ "**Allow HTTP traffic**" and "**Allow HTTPS traffic**" (if needed).

Create and Start the VM: Click Create.

After the instance is created, go to VM Instances and click Start.

Access the Windows VM:

- Click on your VM name.
- Click Set Windows Password to generate a password.
- Use RDP (Remote Desktop Protocol) to connect:
- Open Remote Desktop Connection on your local PC.
- Enter the External IP of your VM.

1. Use the generated username & password.