

🚀 Get a lifetime free server from Oracle Cloud – 100% free, no monthly fees!

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Oracle offers a "Free Tier" which includes:

♦ Always Free Resources (No Expiration):

- 2 AMD/ARM-based Compute Instances (VMs)
- 1 GB Memory + 1 OCPU per VM (ARM supports up to 4 OCPUs and 24 GB RAM)
- Block storage: 200 GB
- Object Storage: 10 GB
- Load balancer: 1 instance with 10 Mbps
- Autonomous DB: 2 databases, 20 GB each
- Outbound data transfer: 10 TB/month


Perfect for hosting:

- Websites (with Nginx)
- API services

- VPNs
- Personal projects (Node.js, Python, etc.)

Prerequisites

- A valid **email address**
- A **phone number** (for verification)
- A **credit/debit card** (for identity verification — you won't be charged)

 No payment is taken. Only identity check. Some prepaid cards may **not** work.

Step-by-Step Guide

1. Create an Oracle Cloud Account

- Go to: <https://www.oracle.com/cloud/free/>
- Click **"Start for Free"**
- Fill in your:
 - **Email**
 - **Cloud Account Name** (unique identifier)
 - **Password**
 - Click **"Verify Email"** (check your inbox)

2. Choose Your Region

- Choose the **nearest region** to you.
- *Important:* You **cannot change this later**, so choose wisely (e.g., **Germany Central**, **US East**, etc.)

3. Enter Personal Information

- Full name
- Address
- Country
- Phone number (for verification via SMS)

4. Add Payment Details

- Enter your **credit/debit card** (just for identity verification)
- Some **virtual or prepaid cards** work (Revolut, Wise, etc.), but not always.
- Oracle may do a **temporary authorization hold** (like \$1) — it disappears after a few days.

5. Finish Verification

- Once the card is verified, you'll see a message confirming your **Free Tier** status.
- Wait for the account to be created (usually < 5 minutes).

6. Sign In to OCI Console

- Go to: <https://cloud.oracle.com>
- Log in using your **Tenancy name**, **email**, and **password**.



Create Your Free Virtual Machine (VM)

1. Go to: **Compute** → **Instances** → **Create Instance**

2. Set Instance Name and Shape:

- **Name:** e.g., **free-vm**
- Click **Change Shape**:
 - Select **Ampere (ARM) based shape**:
 - Shape: **VM.Standard.A1.Flex**
 - **1–4 OCPUs** and up to **24 GB RAM**
 - Choose 1 OCPU and 6 GB for Always Free (or more within limits)

3. Add SSH Key:

- Generate an SSH key on your system: **ssh-keygen -t rsa -b 2048**
- Paste the **public key** into the SSH Key field.

4. Boot Volume:

- Default is 47 GB — adjust if needed (must stay under 200 GB total storage for free tier).

5. Click “Create”



Connect to Your Server

Get Public IP from instance details:

```
ssh -i ~/.ssh/your_private_key opc@your_public_ip
```

Default user: **opc**



Open Ports (e.g., for Web Server)

Go to:

- [Networking](#) → [Virtual Cloud Networks](#) → [Subnets](#) → [Security Lists](#)

Add Ingress Rules:

- TCP, Port 22 (SSH)
- TCP, Port 80 (HTTP)
- TCP, Port 443 (HTTPS)
- Any other custom port you need

Tips

- **Always Free = No expiration** (as long as you're active)
- Make sure to **log in at least once every 6 months** to keep account active
- Use lightweight distros like Ubuntu, Debian, or Oracle Linux
- Use tools like [docker](#), [nginx](#), [certbot](#), [ufw](#), etc., for hosting and security



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