

# How I Am Using a Lifetime 100% Free Server

## Get a server with 24 GB RAM + 4 CPU + 200 GB Storage + Always Free



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As developers, we need to run and host the backends on cloud services. Many BaaS (backend as a service) are available, but they have some restrictions.

What if I say I have been using the Linux-based server for free for more than 4–5 years? Yes, you heard it right. I am using this Linux server with Ubuntu 20 installed, 24 GB RAM, 4 CPUs, and 200 GB storage for a lifetime free.



## How I Am Using a Lifetime 100% Free Server

Approximately four years ago, I was looking for some free cloud services; hence, my AWS and GCP trial expired. During the search, I found that Oracle Cloud provides lifetime free servers without any restrictions. So, I signed up for Oracle Cloud and started using it, and since today, which is approximately four to five years ago, I have been using it absolutely free.

[oracle.com/in/cloud/free/](https://oracle.com/in/cloud/free/)

# Here I came up with the full guide to getting started with Oracle Cloud

The first thing we need to create the Oracle Cloud account, for that you require your working email and credit card.

- <https://signup.oraclecloud.com/>

- Fill out the signup form correctly.
- Verify your email
- Provide the valid details along with payment details (You will not be charged) and finish the signup process.

Oracle Cloud Free Tier

Get started with... Always-Free access to essential services including:

- Autonomous Database
- Object storage

Plus, \$300 of credits for 30 days to use on even more services:

- Container Engine for Kubernetes
- Analytics Cloud
- Data Integration

**Account Information**

Country/Territory

First Name Last Name

Email A value for Email is required.

I am human  Privacy · Terms

[Verify my email](#)

signup.oraclecloud.com/

## Create free instance

Once you complete the signup process you have to log into your Oracle Cloud account using the recently created identity. Once you successfully log in you will see the Oracle Dashboard, you have to choose compute > instances.

X ORACLE Cloud Cloud Classic > Search resources, services, documentation, and Marketplace

Search

Home

Compute

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Networking

Oracle Database

Databases

Analytics & AI

Developer Services

Identity & Security

Observability & Management

**Compute**

Compute Overview

Instances

Instance Instances

Dedicated Virtual Machine Hosts

Instance Configurations

Instance Pools

Cluster Networks

Compute Clusters

Autoscaling Configurations

Capacity Reservations

Custom Images

OS Management

Secure Desktops

Desktop Pools

Desktop Volumes

Then click on the Create instance button –

Compute

- [Overview](#)
- [Instances](#) (selected)
- [Instance Maintenance](#)
- [Dedicated Virtual Machine Hosts](#)
- [Instance Configurations](#)
- [Instance Pools](#)

Instances *in harendra (root) compartment*

An [instance](#) is a compute host. Choose between virtual machines (VMs) and bare metal instances.

Each tenancy gets the first 3,000 OCPU hours and 18,000 GB hours per month for Oracle VM Standard.E2.1.Micro instances for free. [Learn more about Always Free resources](#)

<a href="#">Create instance</a>	Actions ▾				
□	Name	State	Public IP	Private IP	Shape

On the next screen, you have to choose the always free tagged resources only. For example, if you want to use Ubuntu then you have to edit the image and shape, and select the Ubuntu image tagged always free –

Select an image

Compartment  
harendra (root)

Image name	Publisher	Price	Security
<input type="checkbox"/> Canonical Ubuntu 20.04 <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 20.04 Minimal <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 22.04 <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 22.04 Minimal <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 22.04 Minimal aarch64 <small>Always Free-eligible</small>	Oracle	Free	🔒
<input type="checkbox"/> Canonical Ubuntu 24.04 <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 24.04 Minimal <small>Always Free-eligible</small>	Oracle	Free	🛡️
<input type="checkbox"/> Canonical Ubuntu 24.04 Minimal aarch64 <small>Always Free-eligible</small>	Oracle	Free	🔒

0 selected

Showing 8 items < 1 of 

In the next step, download the public and private keys that are required to connect with your server via SSH. Then attach the boot volume up to 200GB and click on the create button, It will take some time and you will be ready to use your always-free instance.

## SSH into your Server

You can log in to your server via the keys that you have downloaded in previous steps while creating the new instance. Use the following command to –

```
ssh -i path/to/server.key ubuntu@your-public-ip
```

```
105 updates can be applied immediately.  
5 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
SH into your Server  
41 additional security updates can be applied with ESM Apps.  
Learn more about enabling ESM Apps service at https://ubuntu.com/esm  
previous steps while creating the new instance. Use the following  
● *** System restart required ***  
  
ubuntu@ubuntu20 ~  
ssh -i path/to/server.key ubuntu@your-public-ip
```

Also Read –

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medium.com

Here is the detailed video guide to set up your Oracle server – Thank you for taking the time to read this article! If you found it helpful, a clap 🙌 would be greatly appreciated – it motivates me to continue writing more. If you want to learn more about open-source and full-stack development, follow me on *Twitter* (X) and *Medium*.

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