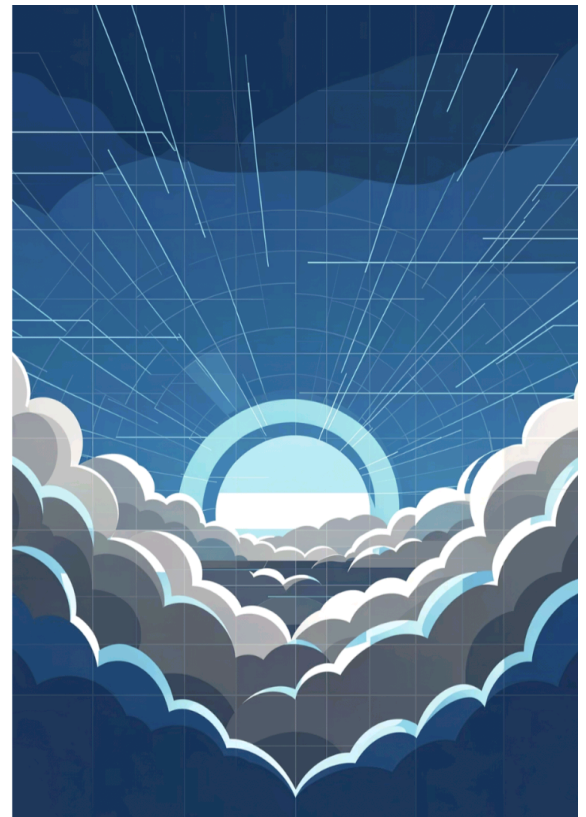


# Wake Up to Cloud: Your Hands-On Guide to Oracle Cloud Free Tier

Anushka Singh — Oracle ACE Apprentice. A concise, practical walkthrough to get you building on OCI Free Tier today. No prior cloud experience required.



# Meet Your Guide



**Anushka Singh**  
Oracle ACE Apprentice • Cloud educator •  
Hands-on trainer focused on beginner-  
friendly labs and clear explanations.



**What to Expect**  
Live demos, step-by-step screenshots, 3D  
visuals, and flowcharts for quick reference.  
By the end you'll launch services on OCI  
Free Tier.

## Why Choose OCI Free Tier?

Unlock essential cloud services with no initial cost. Ideal for learning, prototyping, and small projects. Key strengths:

### Always Free Resources

Compute, storage, and networking options available without time limits for eligible shapes and sizes.

### Real Cloud Experience

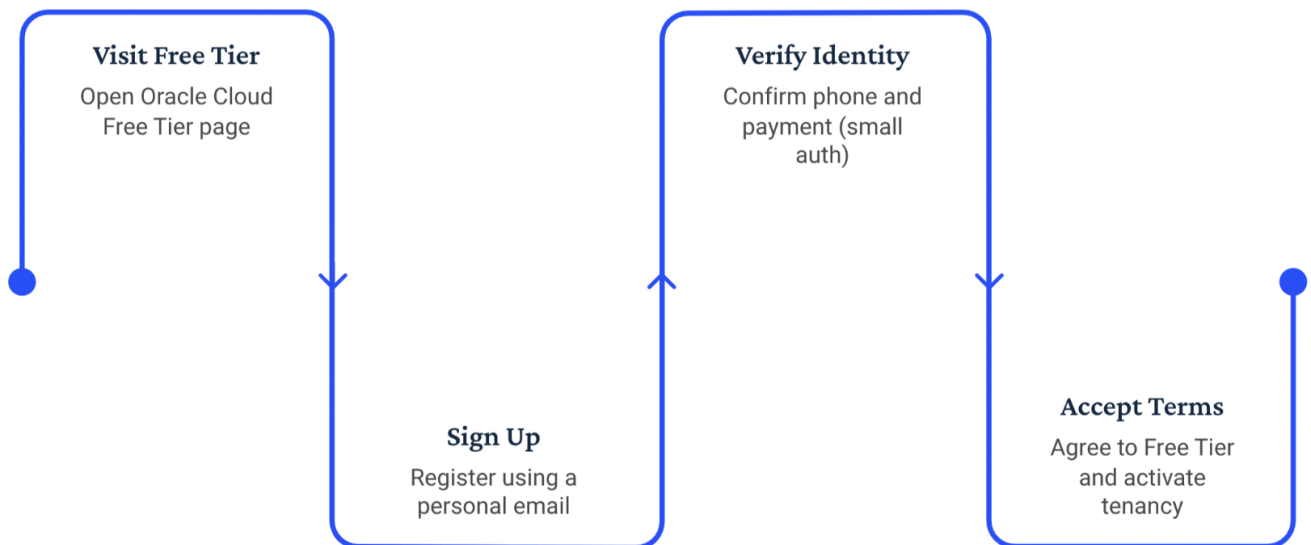
Work with the same services used in production—learn skills that transfer directly to jobs and projects.

### Security & Performance

Enterprise-grade networking, identity, and monitoring tools to practice secure deployments from day one.



## Getting Started: Create an OCI Account



Follow these steps: use a personal email, complete identity verification (small refundable card auth), choose a region, and enable Always Free services. Keep tenancy OCID handy.



## Navigating the OCI Console: Beginner's Tour



### Top Navigation

Search bar, region selector, user menu. Quick access to compartments and billing.



### Dashboard & Resources

Resource cards show running instances, storage usage and important alerts.



### Identity & Security

Users, groups, policies and MFA setup—configure before launching public services.

Tip: Use compartments to organise projects—create one for your Free Tier labs.

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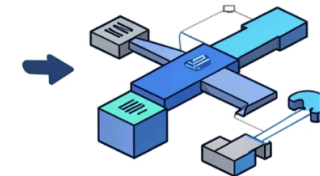
1 SELECT IMAGE



4 SET SSH SKEY  
SUBNET SELECTION



3 CHOOSE SHAPE



REVIEW AND CREAT



# Your First Virtual Machine

## Select Image

Pick Oracle Linux or Ubuntu (Always Free images available).

## Choose Shape

Use an Always Free shape (e.g., VM.Standard.E2.1.Micro) to avoid charges.

## Networking & SSH

Create a VCN with a public subnet and add your SSH public key for secure login.

## Boot & Verify

Boot instance, note public IP, SSH in and run a basic update to confirm connectivity.

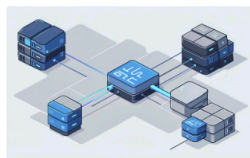
## Exploring Storage Options



### Object Storage

Durable, S3-compatible buckets for static assets, backups, and large media. Good for web hosting and archives.

Always Free quotas apply—check limits before provisioning large volumes.



### Block Volume

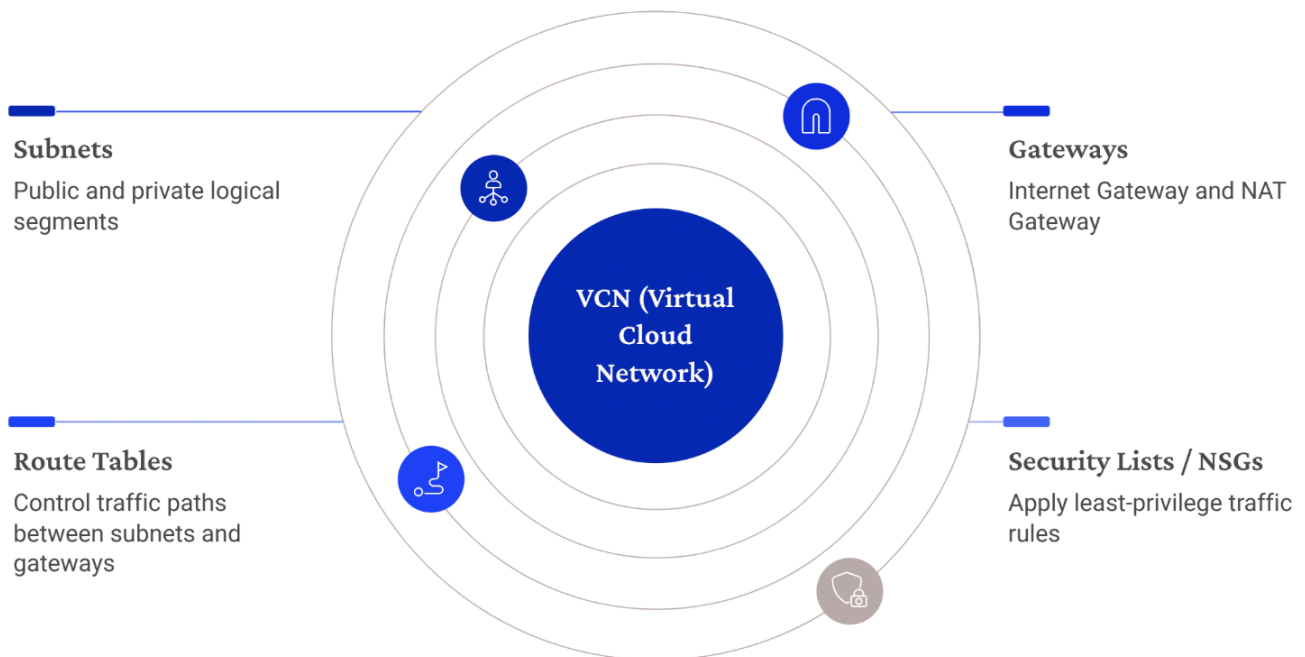
Persistent block devices for VMs. Use for databases and file systems; supports snapshots and performance tiers.



### File Storage & Backups

Managed NFS-style storage for shared file access and easy backups—great for stateful apps and code repositories.

## Networking Fundamentals



Essentials: VCN = virtual network boundary. Use public subnet + Internet Gateway for public access; private subnet + NAT Gateway for outbound-only instances. Security Lists or NSGs control traffic — apply least privilege.



## Beyond the Basics: What Else You Can Do



### Autonomous Database

Spin up free trial databases for analytics or dev testing.



### Container Engine (OKE)

Deploy containerised apps; use small clusters for learning and CI workflows.



### Functions & API Gateway

Build event-driven services without managing VMs—ideal for microservices demos.



### Monitoring & Observability

Set alerts, dashboards and logs to learn ops best practices early.

Combine services for mini projects: a web app with Object Storage assets, a VM backend, and Monitoring dashboards.



## Q&A & Next Steps



### Try the Lab

Create an OCI account, launch an Always Free VM, and store a file in Object Storage.



### Share Your Build

Push a demo to GitHub and link it to an OCI-hosted endpoint for feedback.



### Keep Learning

Follow OCI quickstarts, practise identity policies, and explore Autonomous Database basics next.

☐ Contact: Anushka Singh — Oracle ACE Apprentice. Ready for a follow-up hands-on session? Let's schedule a lab.