



Ganpat University

॥ विद्यया समाजोत्कर्षः ॥

Institute of Computer Technology

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Sub: CCE(Cloud Computing Essentials)

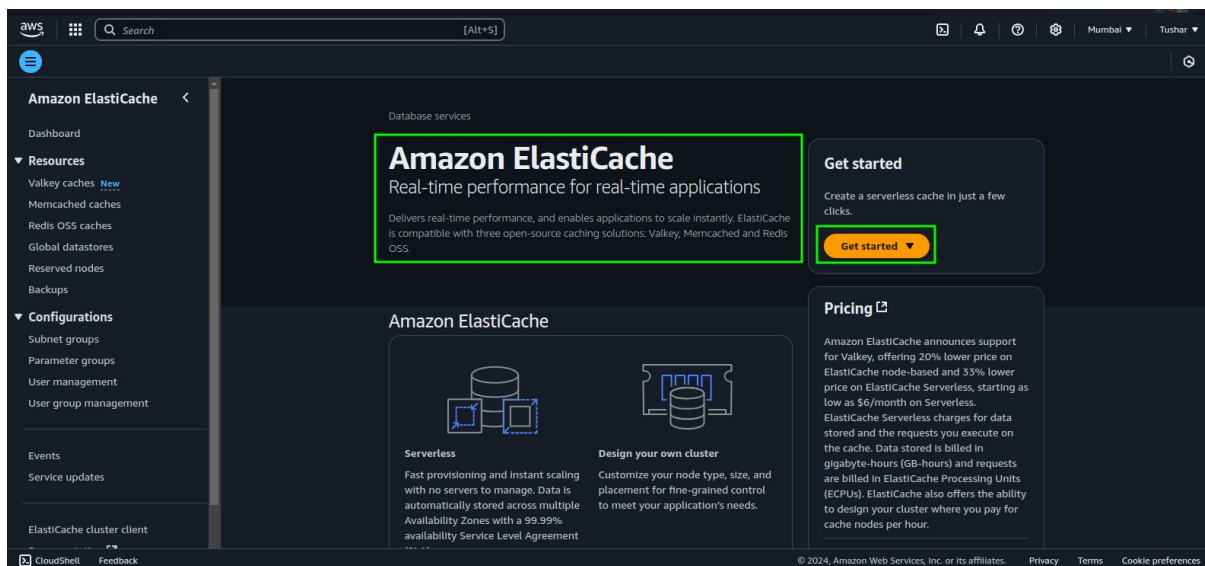
Branch: CBA

Batch:71

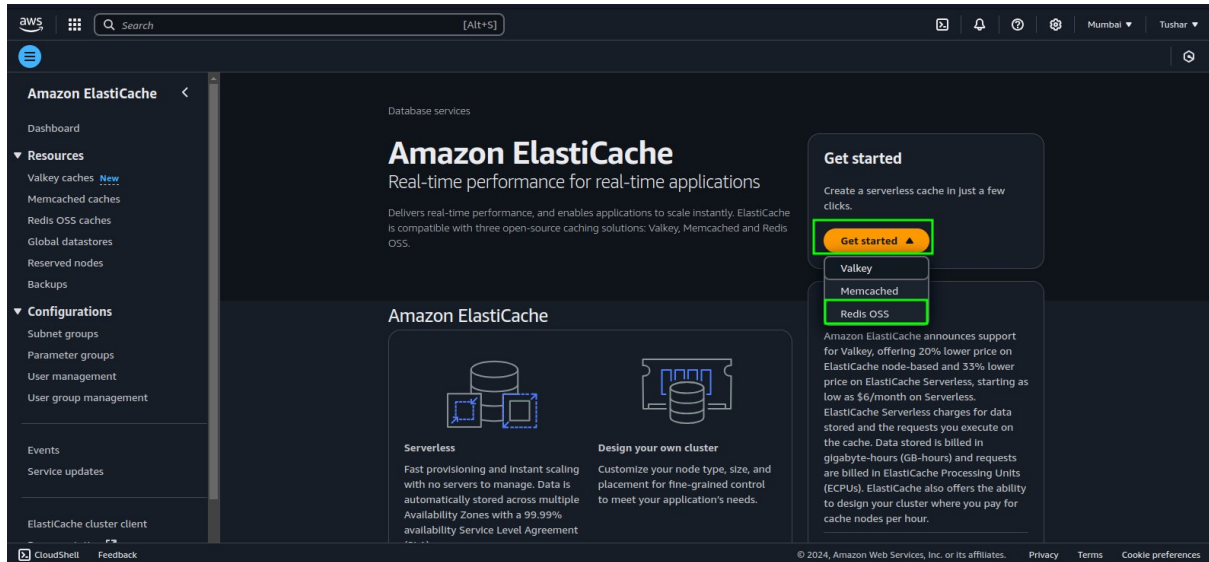
PRACTICAL 12

Create Redis OSS Cache on AWS ElastiCache.

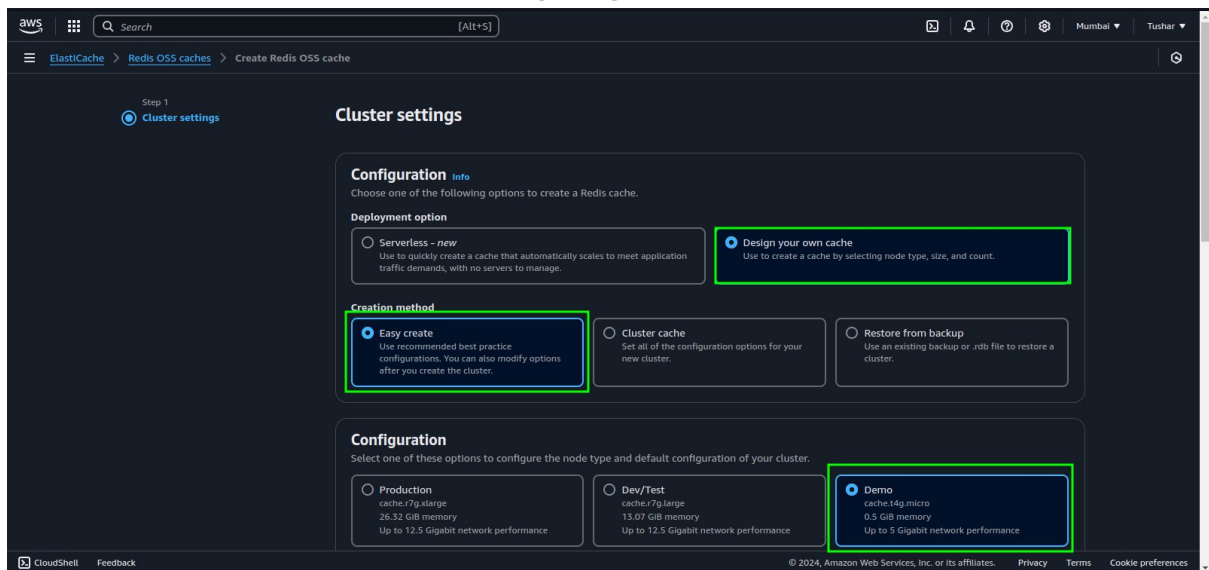
First go to Aws cloud catalog and search elasticache service



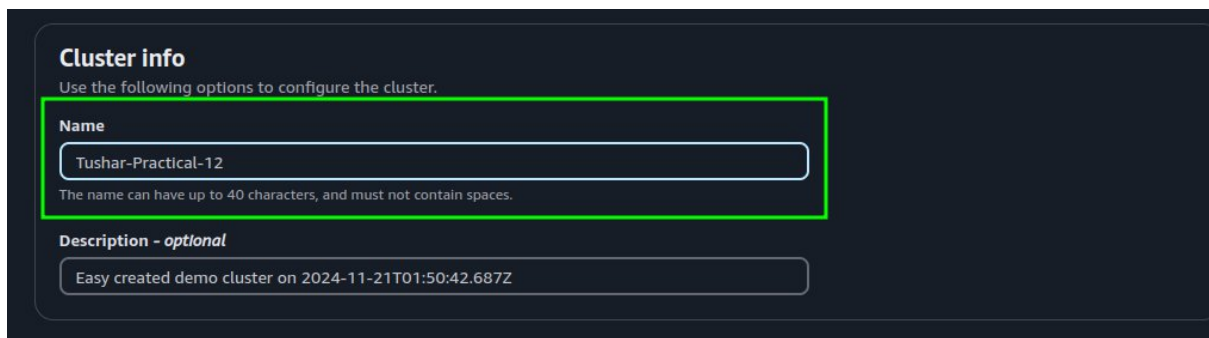
Then hit get started and select Redis OSS



After that select same as highlighted below



Then give it a name



Connectivity
Choose the IP version(s) this cluster will support. Then select an existing subnet group or create a new one.

Network type
Choose between IPv4, dual stack and IPv6
IPv4
Your resources will communicate only over the IPv4 protocol.

Subnet groups
Choose existing subnet group ☐ Create a new subnet group ☒

Name
Prac-12
The name can have up to 255 characters, and must not contain spaces.

Description - optional
Description

VPC ID
The identifier for the VPC environment where your cluster is to run.
vpc-0bdfb69bd8cc491fd [Create VPC](#)

For Multi-AZ high availability mode, choose IDs for at least two subnets from two Availability Zones in the table below.

Selected subnets (2)

Don't change anything hit create button

Selected subnets (3) [Manage](#)

Availability Zone	Subnet ID	Subnet name	CIDR block (IPv4)
ap-south-1a	subnet-0484090e414a1a5c5	-	172.30.0.0/24
ap-south-1b	subnet-07f0b0a03b14e25c4	-	172.30.1.0/24
ap-south-1c	subnet-0f5740ab48e51f44f	-	172.30.2.0/24

Tags for subnet group

View default settings
Easy create sets the following default values, some of which you can change at a later time. To be able to set different values at creation time, use standard create.

Tags
You can use tags to search and filter your clusters, or track your AWS costs.
No tags associated with the cluster.
[Add new tag](#)
You can add 50 more tags.

[Cancel](#) [Create](#)

As you can see below Redis OSS cache has been created successfully.

The cluster was created successfully.

Amazon ElastiCache announces Valkey starting as low as \$6/month
Introducing Valkey, an open source project that is a drop in replacement of Redis OSS, now available on ElastiCache, with up to 33% lower price than other engines. [Learn more](#) [Create Valkey cache](#)

Redis OSS caches (1) [Info](#) [View details](#) [Actions](#) [Create Redis OSS cache](#)

Find Redis caches

Cache name	Status	Description	Engine version	Configuration	Created date
tushar-practical-12	Creating	Easy created demo cluster on 2024-11...	7.1.0	cache.t4g.micro	