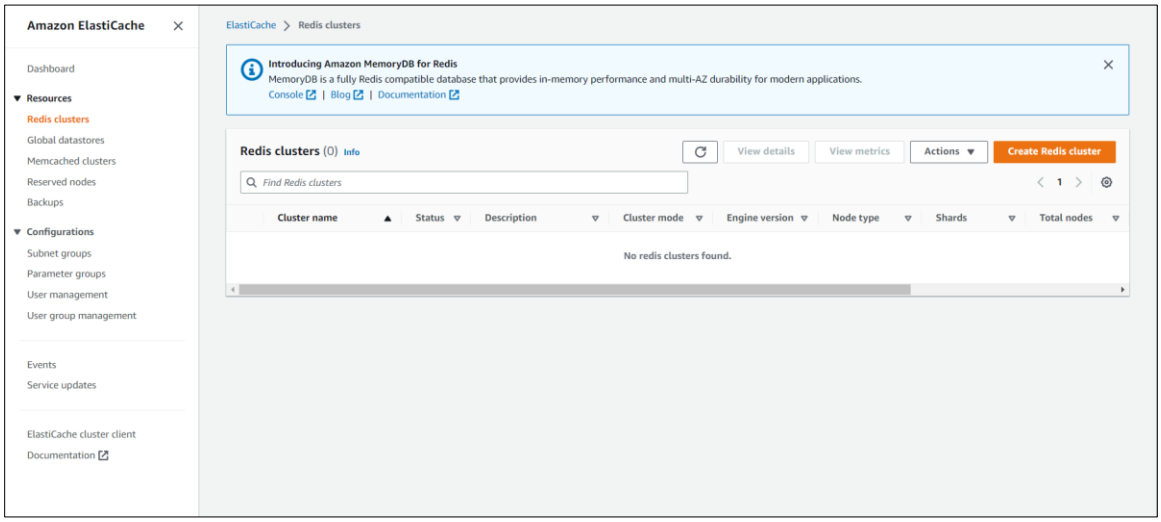
Amazon ElastiCache

for Redis

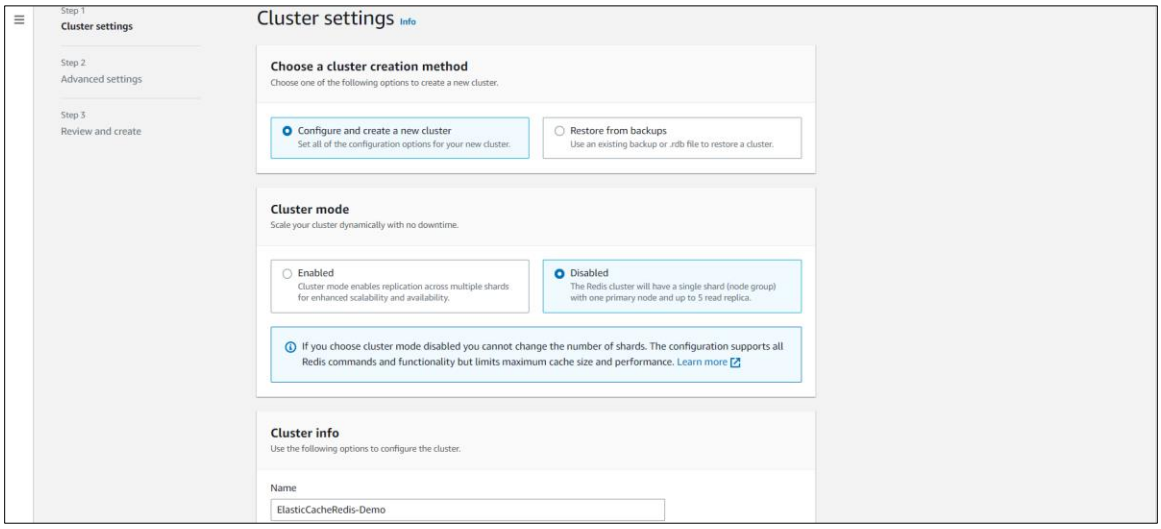
By: Abdallah Mustafa

SIMPLE WALK THROUGH TO CREATE AMAZON ELASTICACHE FOR REDIS

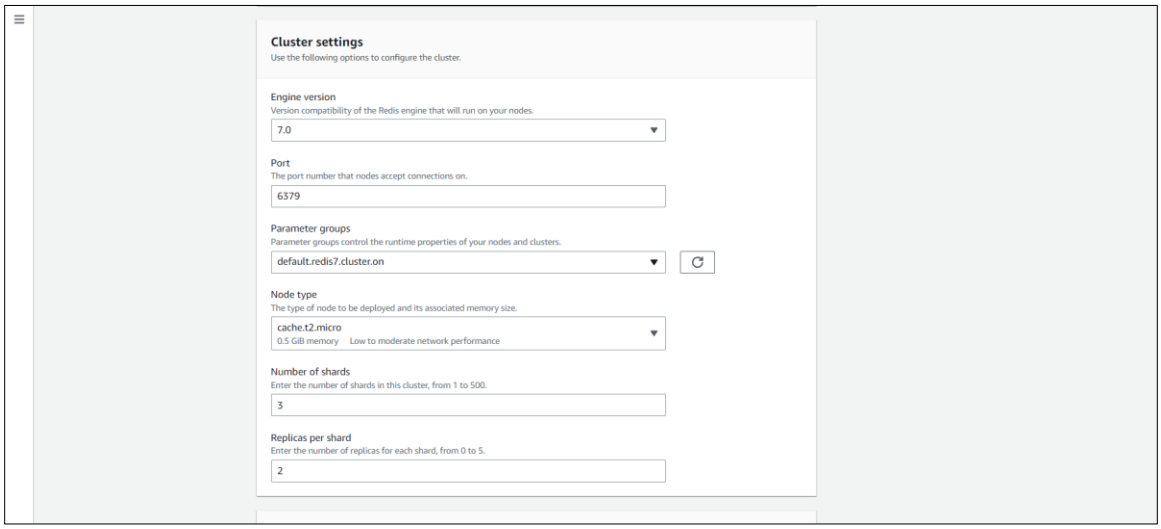
Through the AWS Console navigate to Amazon ElastiCache. Then, on the left navigation bar, click on Redis clusters.



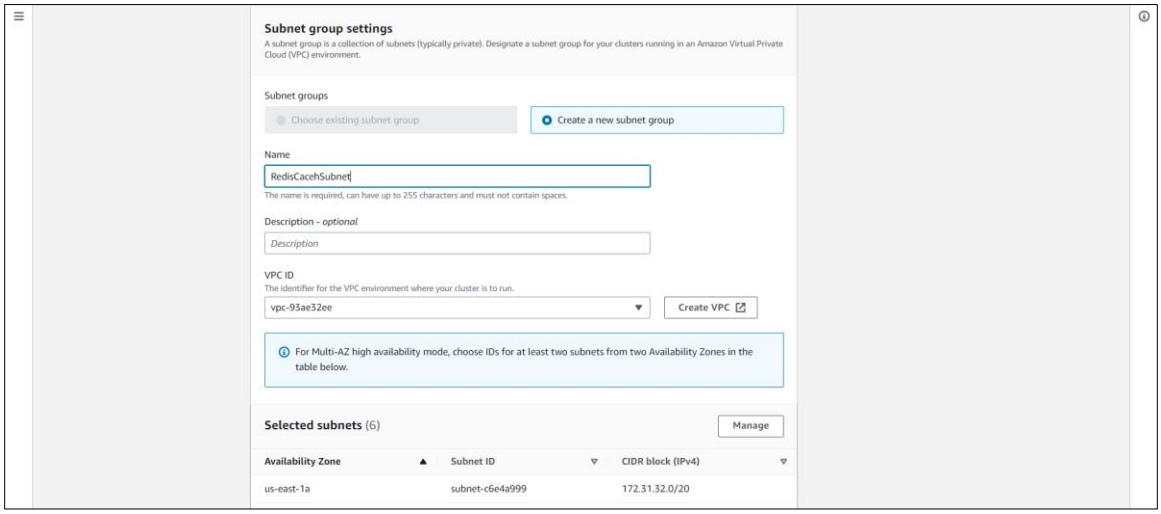
Click on Create Redis cluster button.



Fill the Cluster name. Scroll down to Cluster Settings, change the **node type** to cache.t2.micro for the demo purposes.



Set a name for the new subnet group. Leave other configuration as default and click next.



On Advanced settings page, leave everything as is, as this is just a sample example to work with redis on AWS. Now click next.

Review your configurations and click on Create.

2

Meanwhile, while the Redis cache is being created, make sure to create an EC2 instance with default configuration, if you don't have any. Make sure to create/attach to that EC2 instance a security group which also allow access to port 6379 on source 0.0.0.0/0. So your instance can communicate with the redis server.

Once your redis cache and EC2 instance are available and ready. Connect to your EC2 instance and install redis:

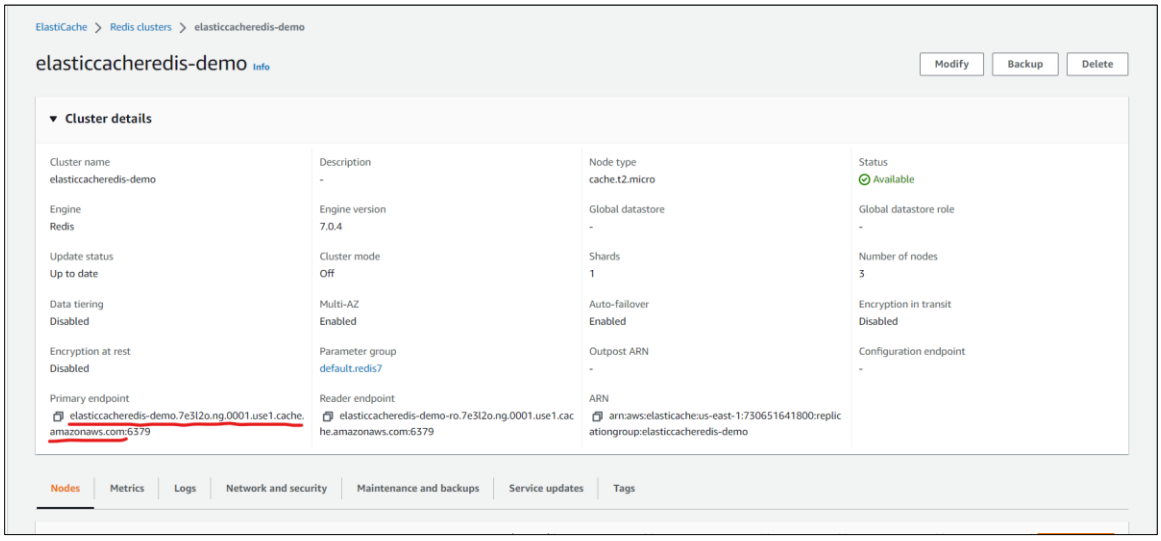
- *sudo amazon-linux-extras install redis6 -y*

Once the installation completes, run the following command, which will start the redis server in the background

- *redis-server --daemonize yes*

Now, run this command, which will connect to your redis cache:

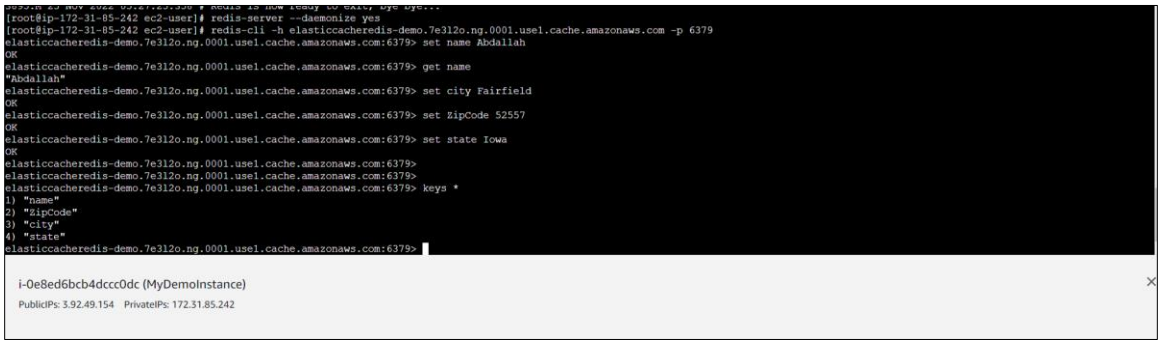
- *redis-cli -h <your redis endpoint> -p 6379*



Note: when you copy, make sure to omit the :6379 from the endpoint.

Hurray! Now you should be connected to redis cache. Let us try some commands:

- *set name <your name>*
- *get name (should return your name)*
- *set city <your city>*
- *set zipcode <your zipcode>*
- *set state <your state>*
- *keys * (this will show all the keys you have set before)*



That is all for this short tutorial and guide. I hope it was somehow helpful.

Thank You & Good Luck!