

SECURITY ZONE (OCI)

----- BASIC DEFINATIONS -----

1. What is OCI?

- OCI, or Oracle Cloud Infrastructure, is Oracle's cloud computing platform. It offers a range of services for deploying and scaling applications with high performance and security. OCI is known for its global presence, robust infrastructure, and support for diverse workloads, making it a preferred choice for enterprises.

2. What is OCI Security?

- OCI security involves protective measures in Oracle Cloud Infrastructure to safeguard data and resources from unauthorized access and cyber threats, using features like encryption and identity management.

3. What is Security Zone?

- A Security Zone in OCI (Oracle Cloud Infrastructure) is a virtual network compartment that helps organize and segregate resources based on security requirements. It acts as a boundary within the network, allowing administrators to enforce security policies and controls more effectively.

4. Uses of Security Zone?

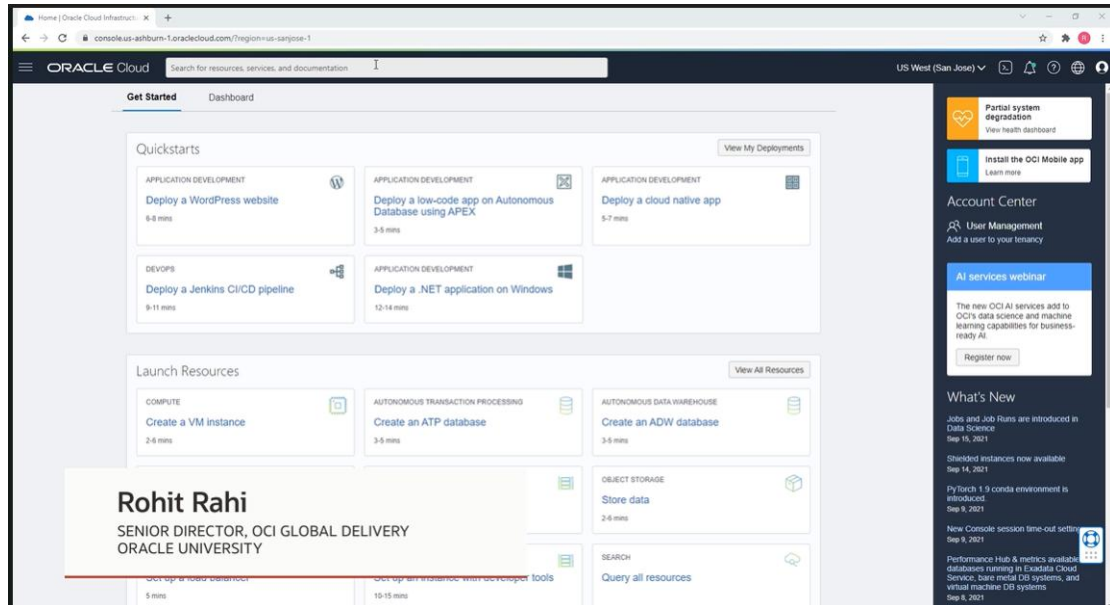
- Isolation
- Access Control
- Traffic Filtering
- Compliance
- Resource Management

5. Importance of the Security Zones?

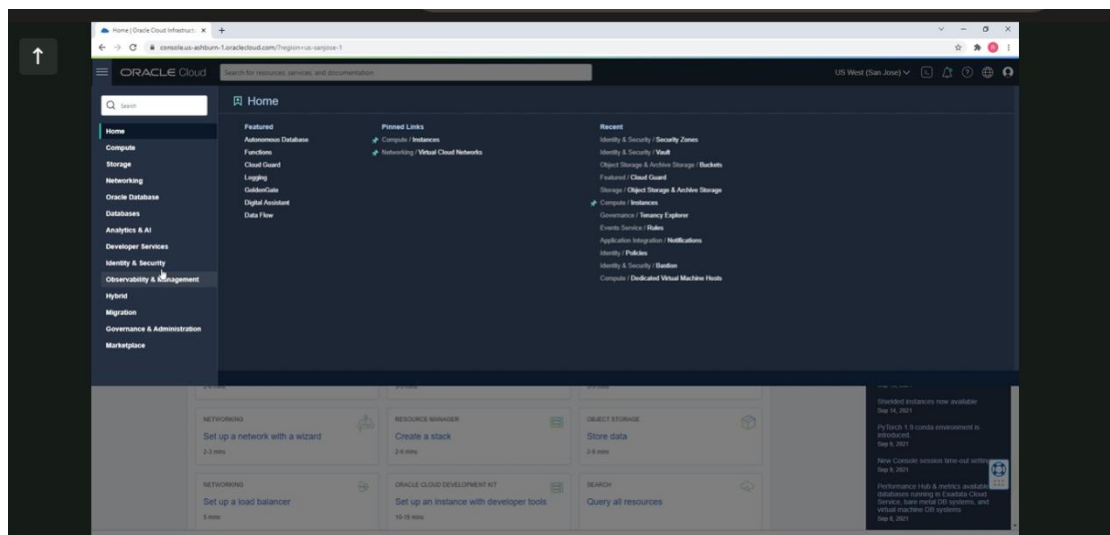
- Enhanced Security
- Risk Mitigation
- Compliance Assurance
- Operational Efficiency
- Scalability

CONFIGURATION

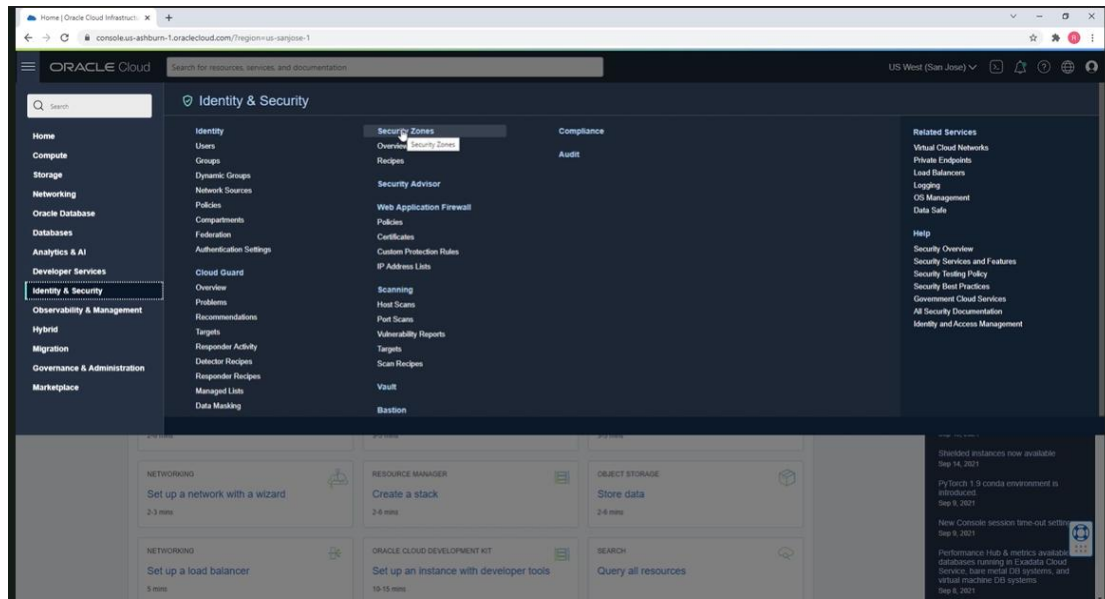
STEP 1 :- Open the OCI Portal



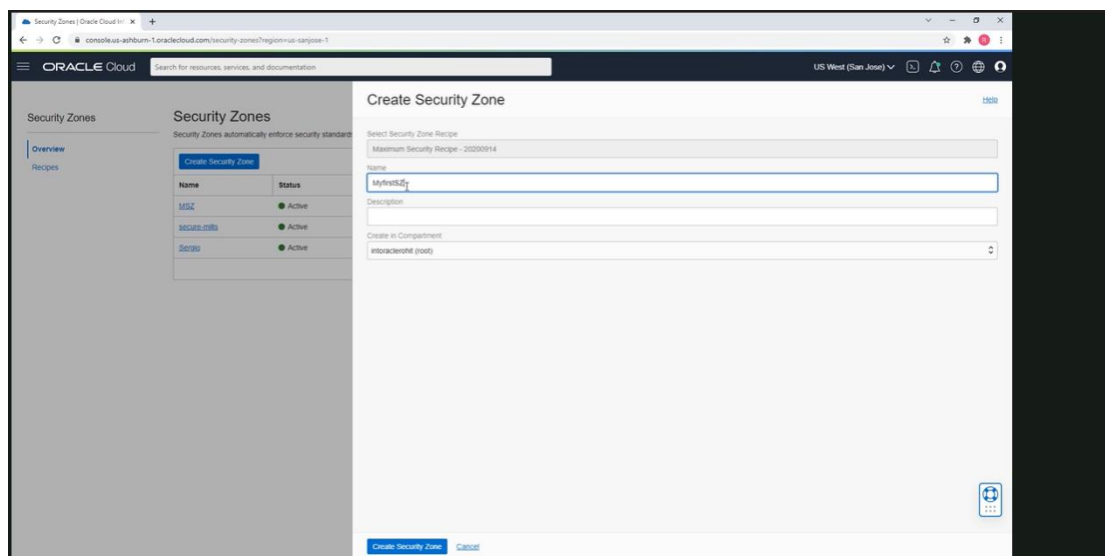
STEP 2 :- Go to the Identity & Security



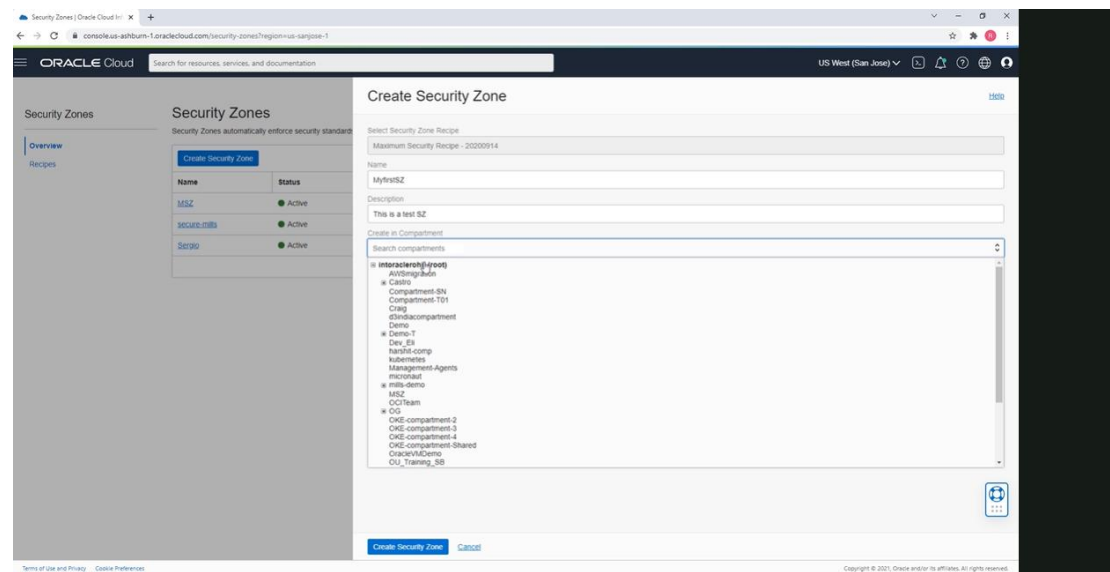
STEP 3 :- Then click on the Security Zone



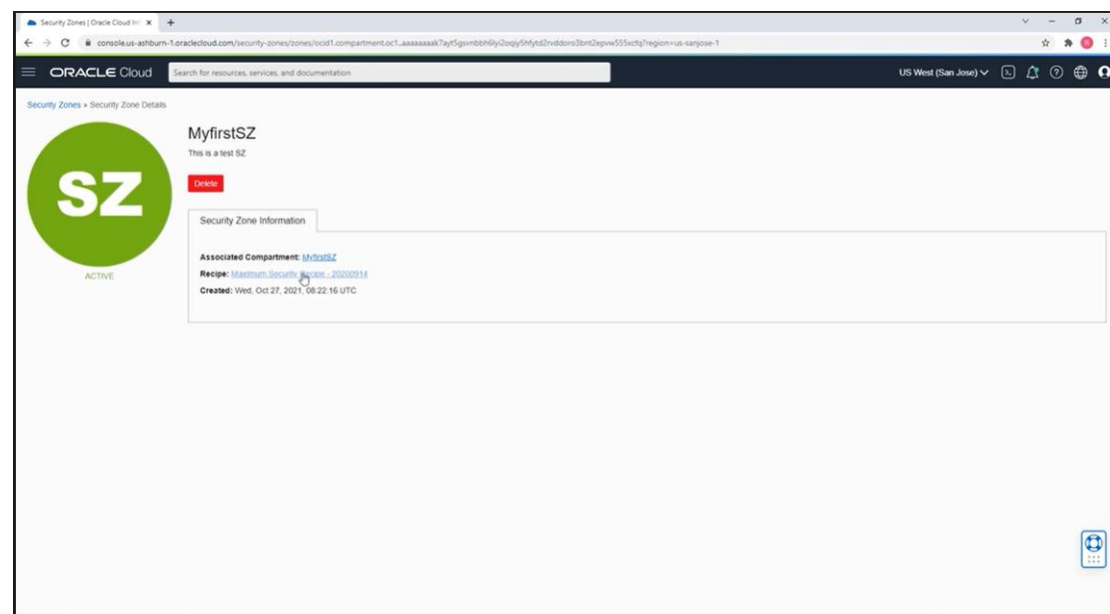
STEP 4 :- Click on the Create Security Zone and give a proper name



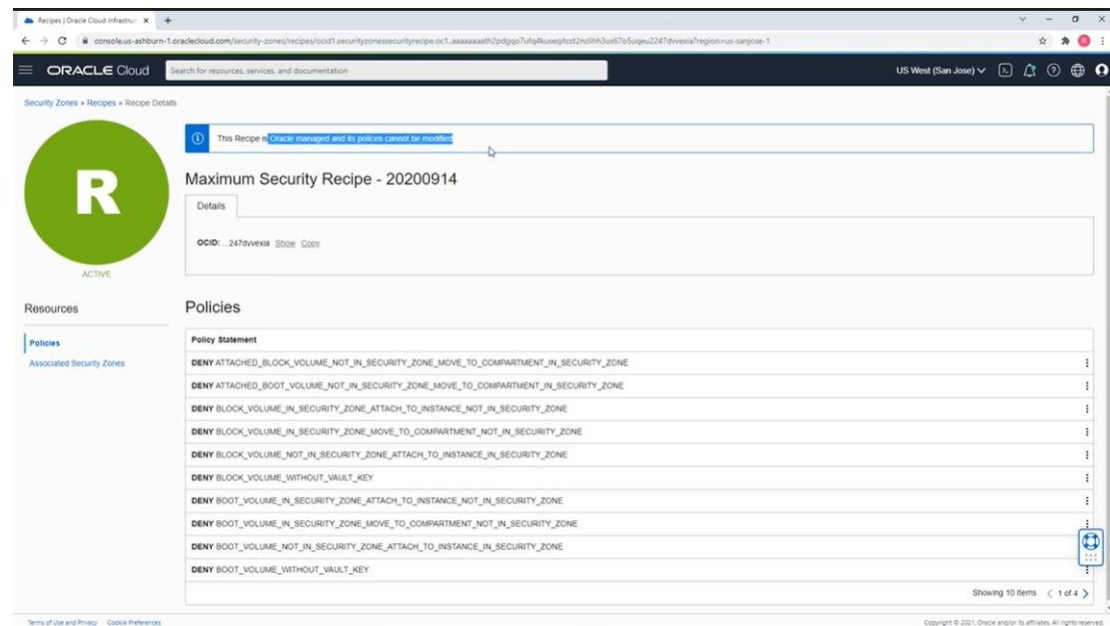
STEP 5 :- Choose the Compartment which you want to put in the Security Zone



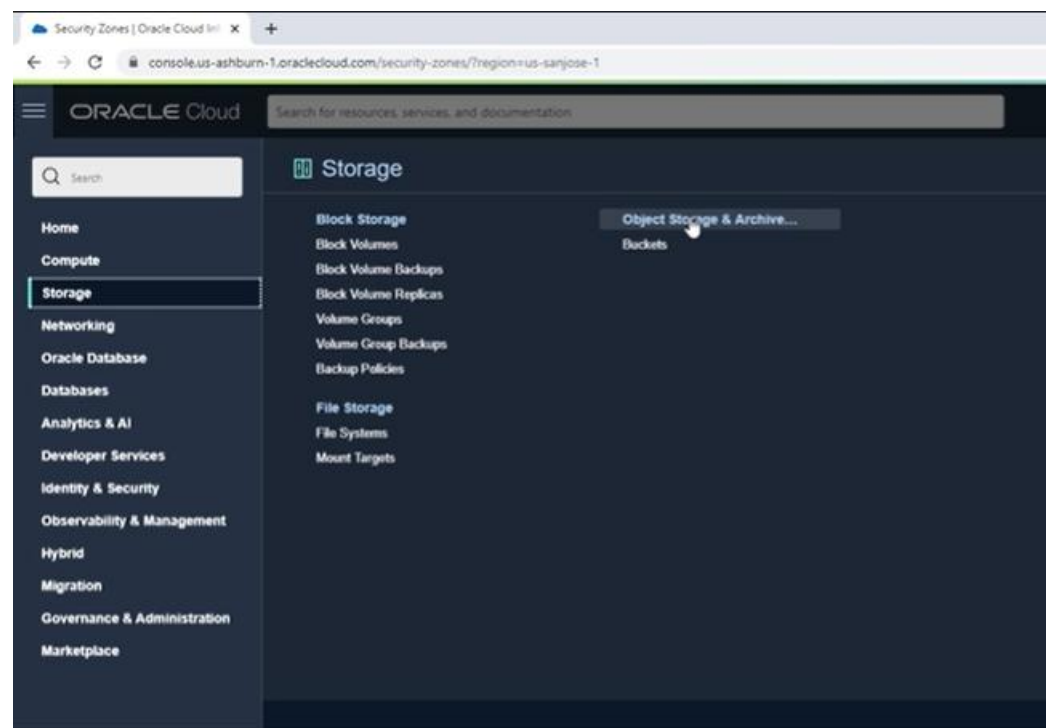
STEP 6 :- Click Create Security Zone



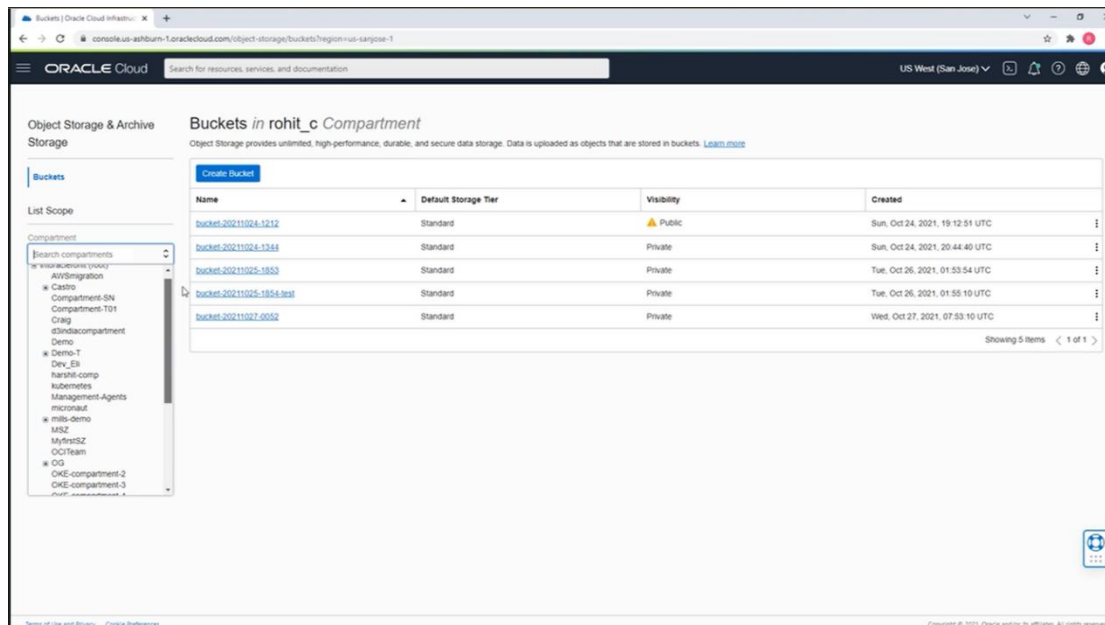
STEP 7 :- Then you can check the recipies it contains the MAXIMUM SECURITY



STEP 8 :- Now to check our zone we will try to create a Bucket so First go to storage and then click on Object Storage



STEP 9 :- While creating object storage select the same compartment in which you have created the Security Zone



STEP 10 :- While creating Bucket if you click on the Encrypt using oracle manage keys it will not going to create a bucket just because we have applied security zone to that specific compartment so there is a policy in that MAXIMUM SECUIRTY which is not letting you to create a Bucket

