ORACLE CLOUD
AUTOSCALLING

Arranged By:

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(1941720080/21)

PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

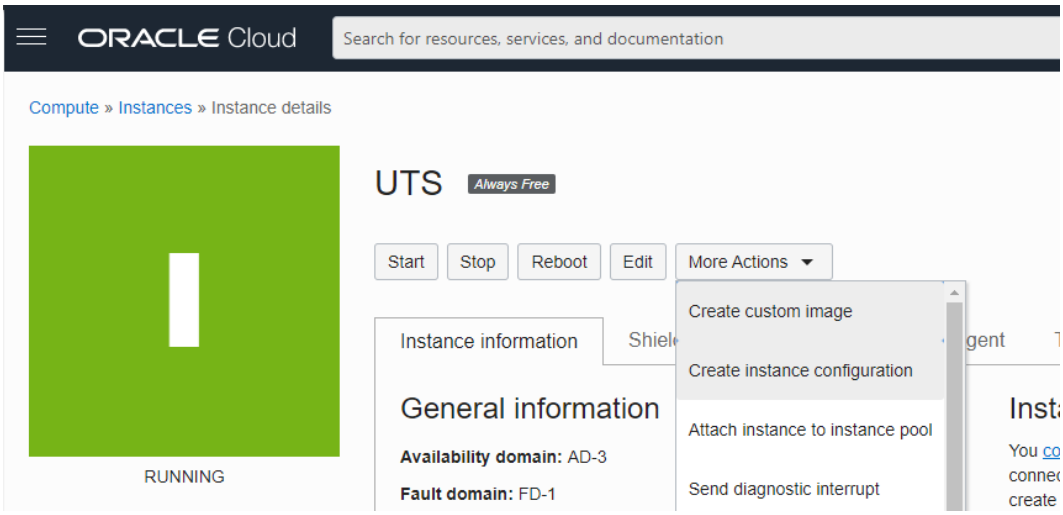
POLITEKNIK NEGERI MALANG

Practicum 1

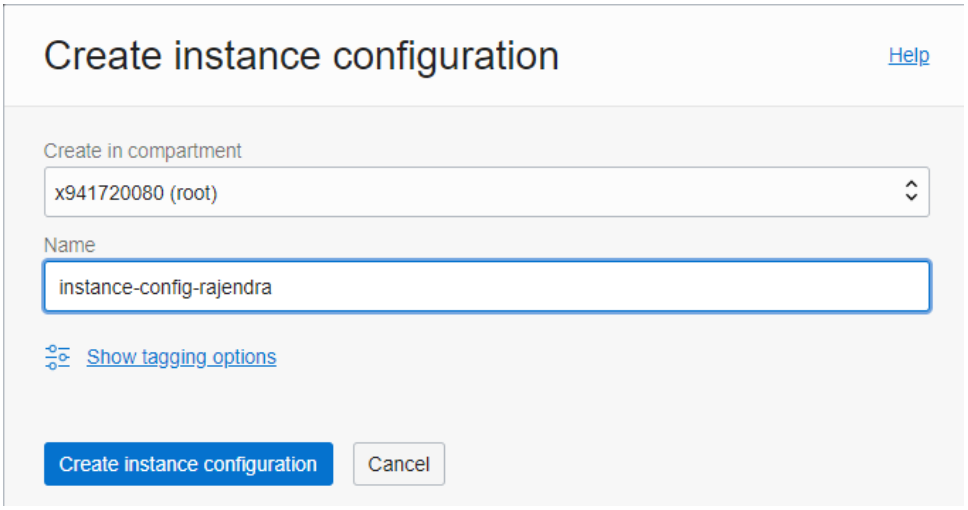
(Instances Configuration)

1. Configure The Instance

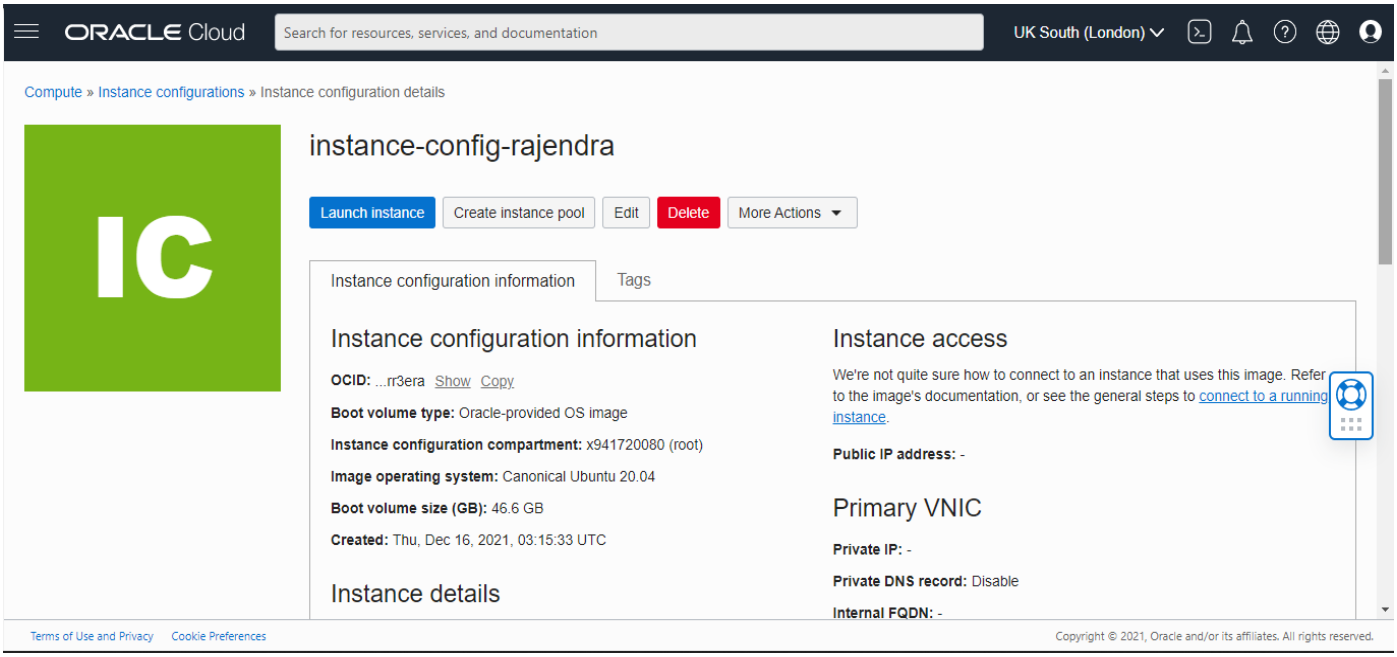
- **Create Instance Configuration more actions menu**



- **Enter name in Instances configuration**



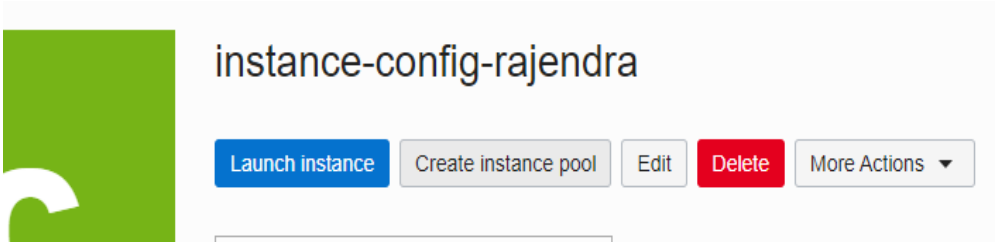
- **Page After Sucess create Instances Configuration**



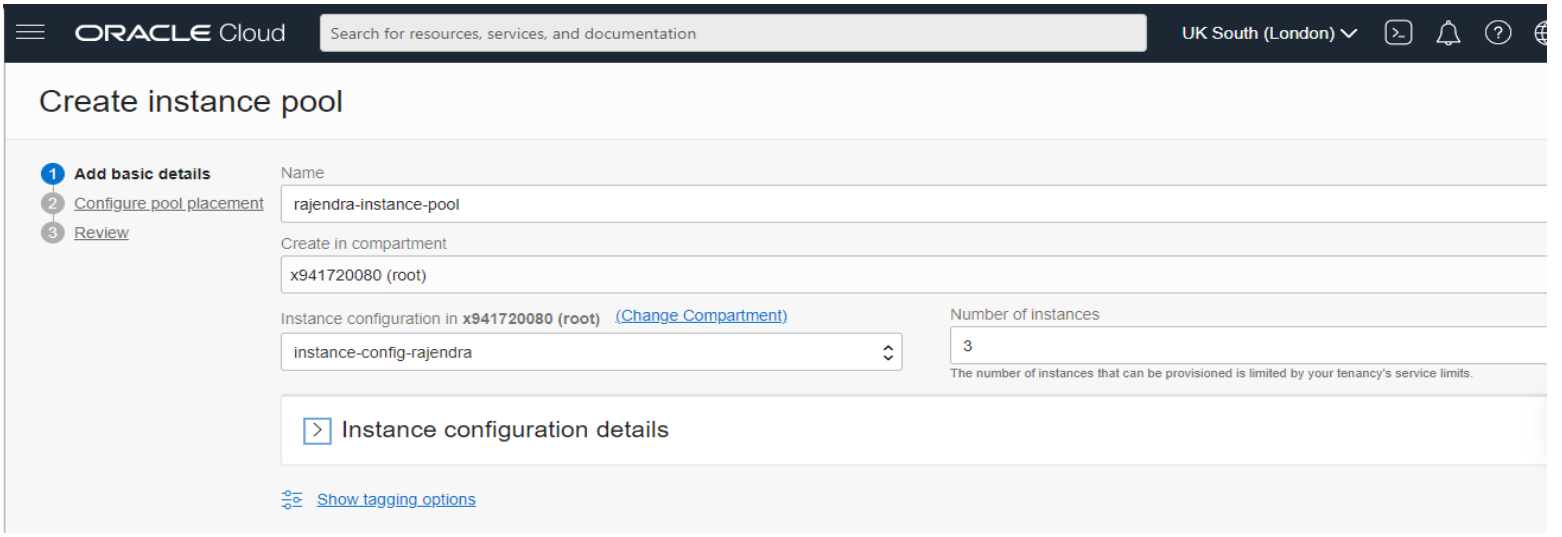
Practicum 2

(Creating Pool Instance)

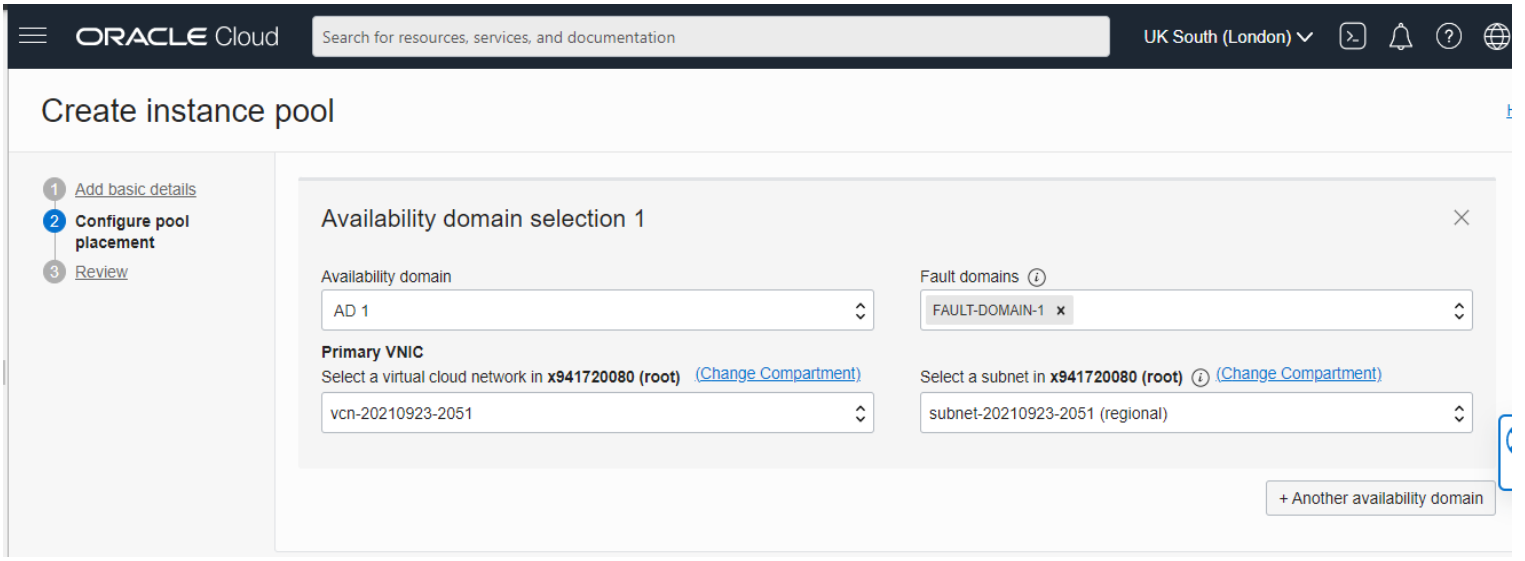
1. Create Instance Pool



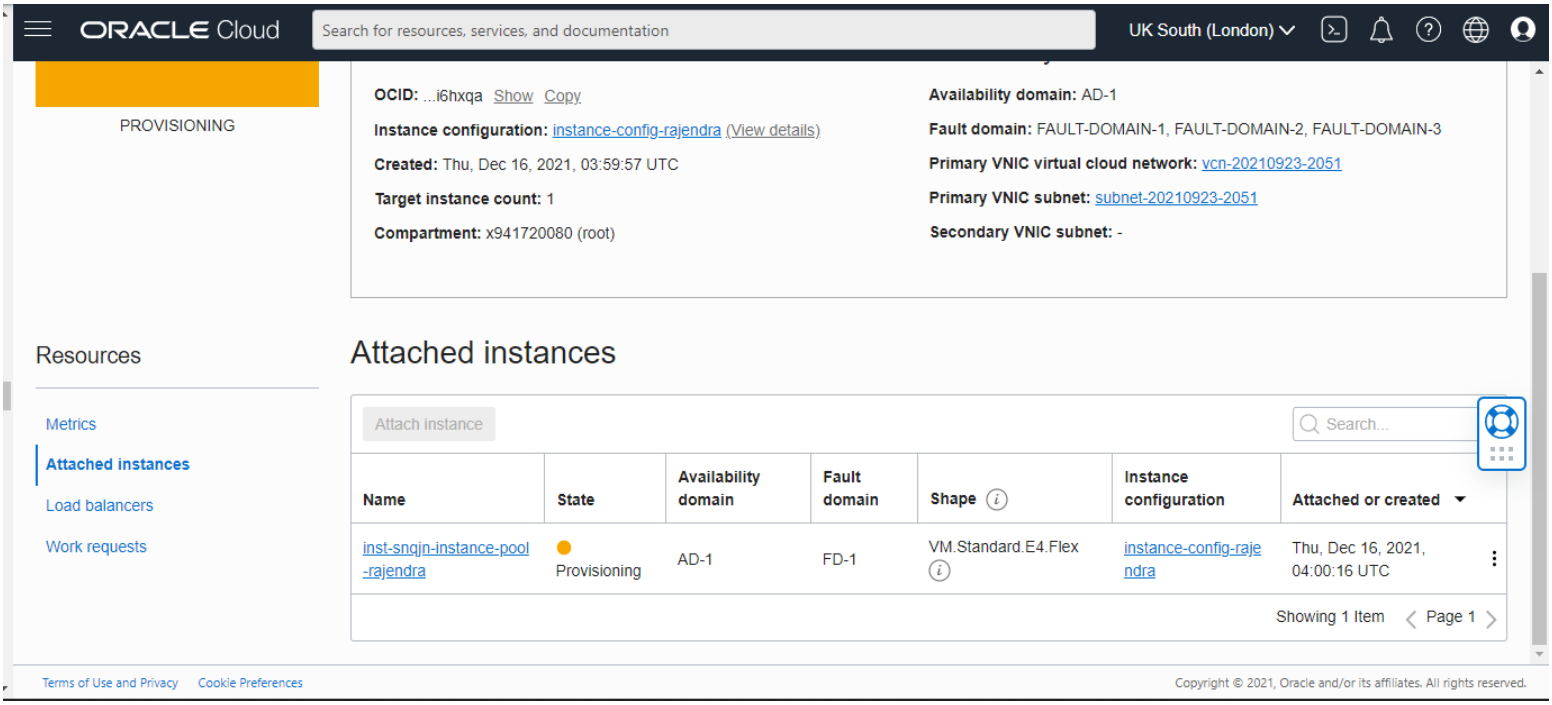
2. Do Configuration Like This

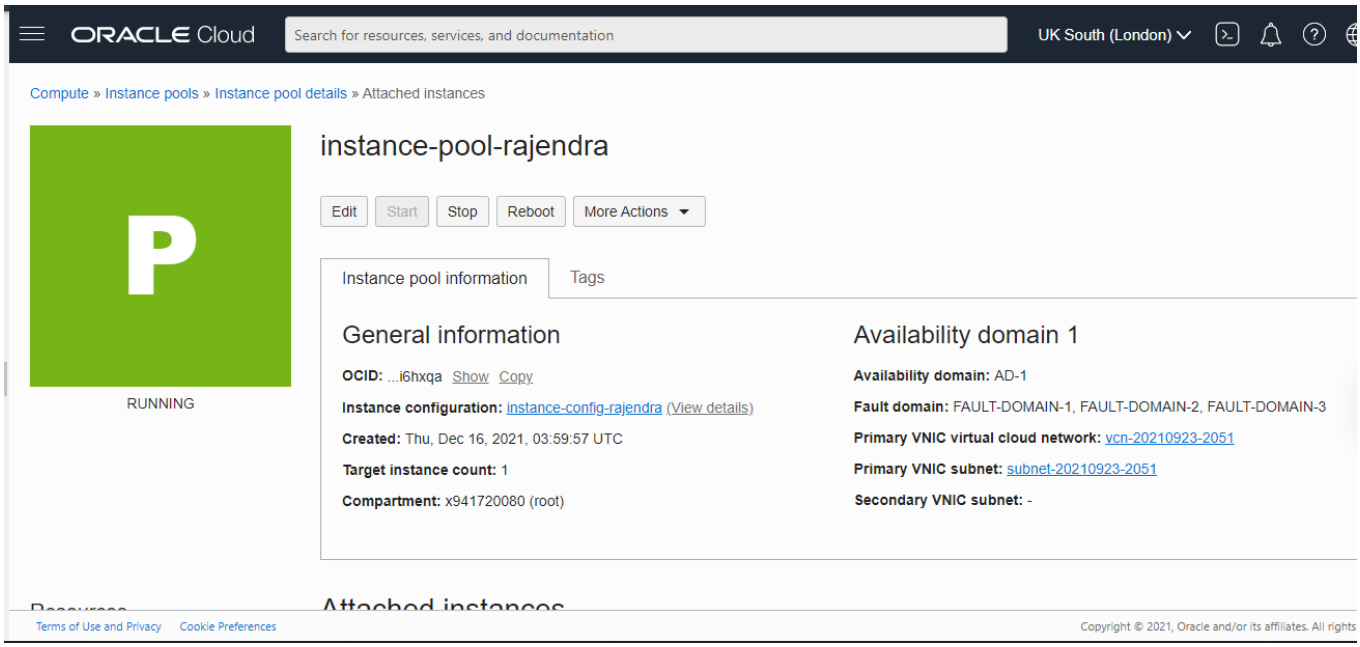


3. Then Click Next , Do Configuration Like Below



4. Result After Creating

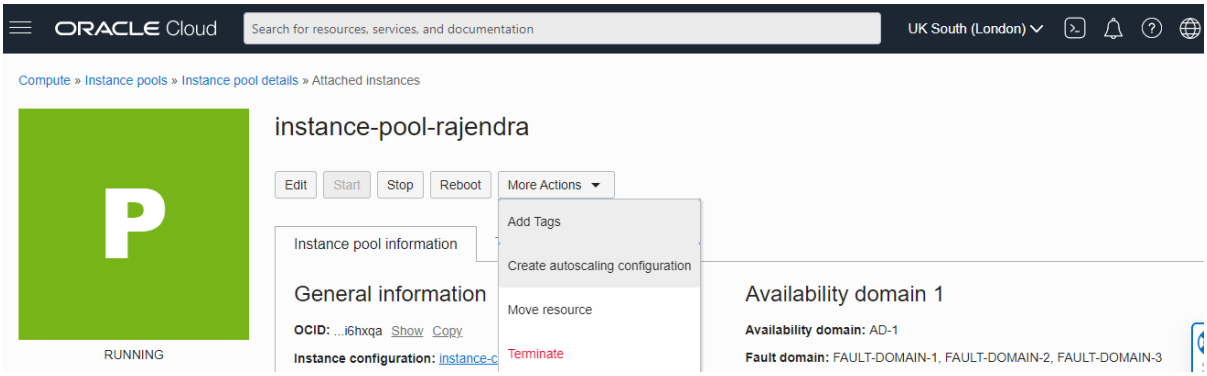




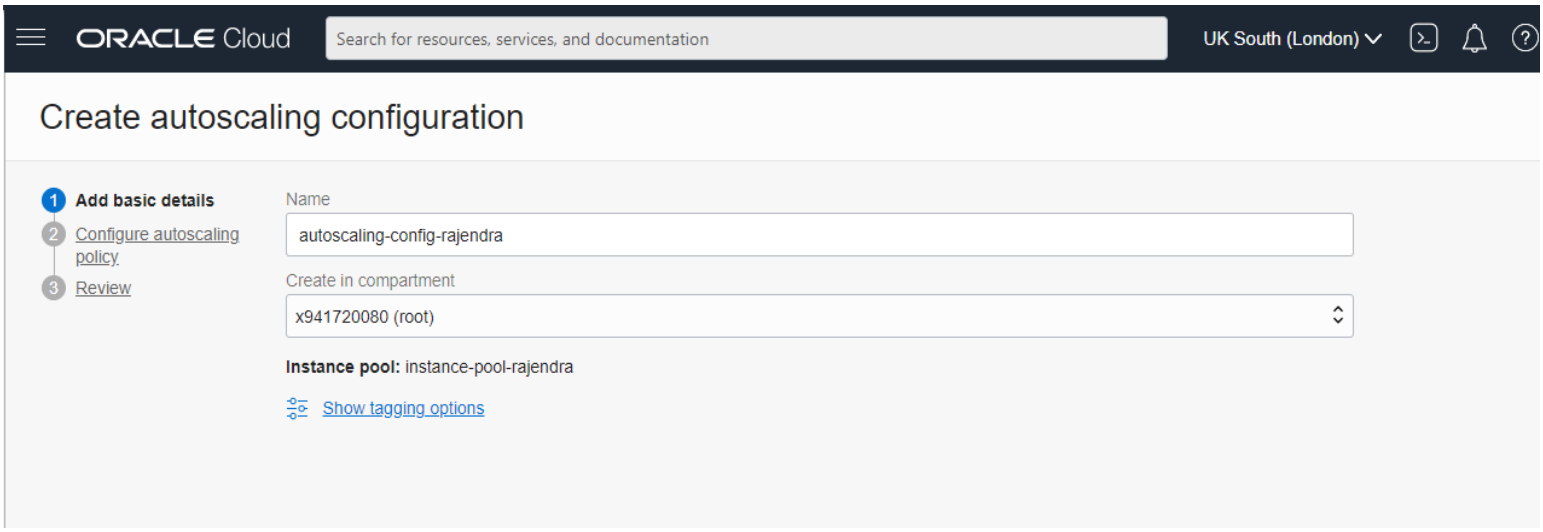
Practicum 3

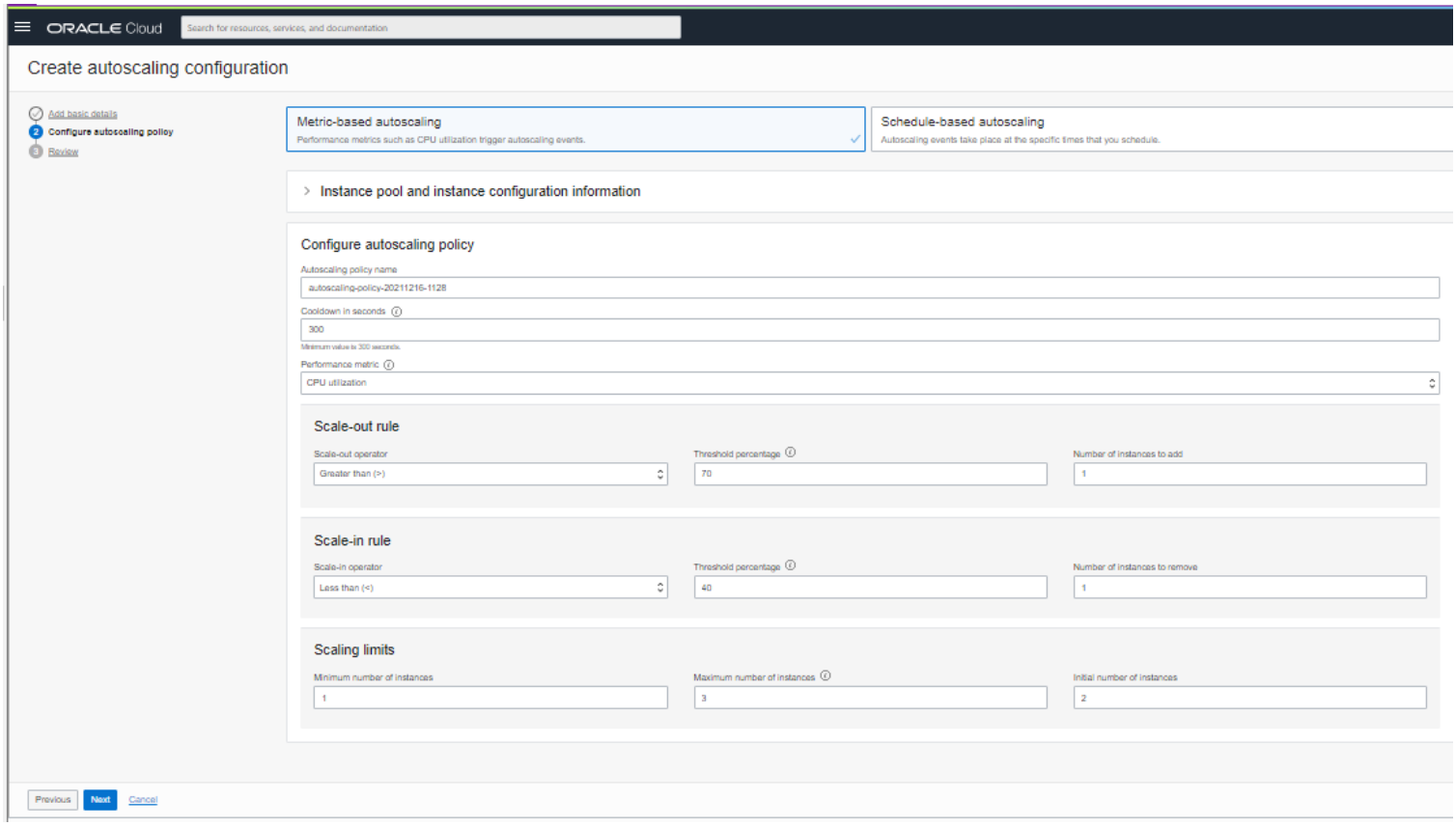
(Configure Autoscaling)

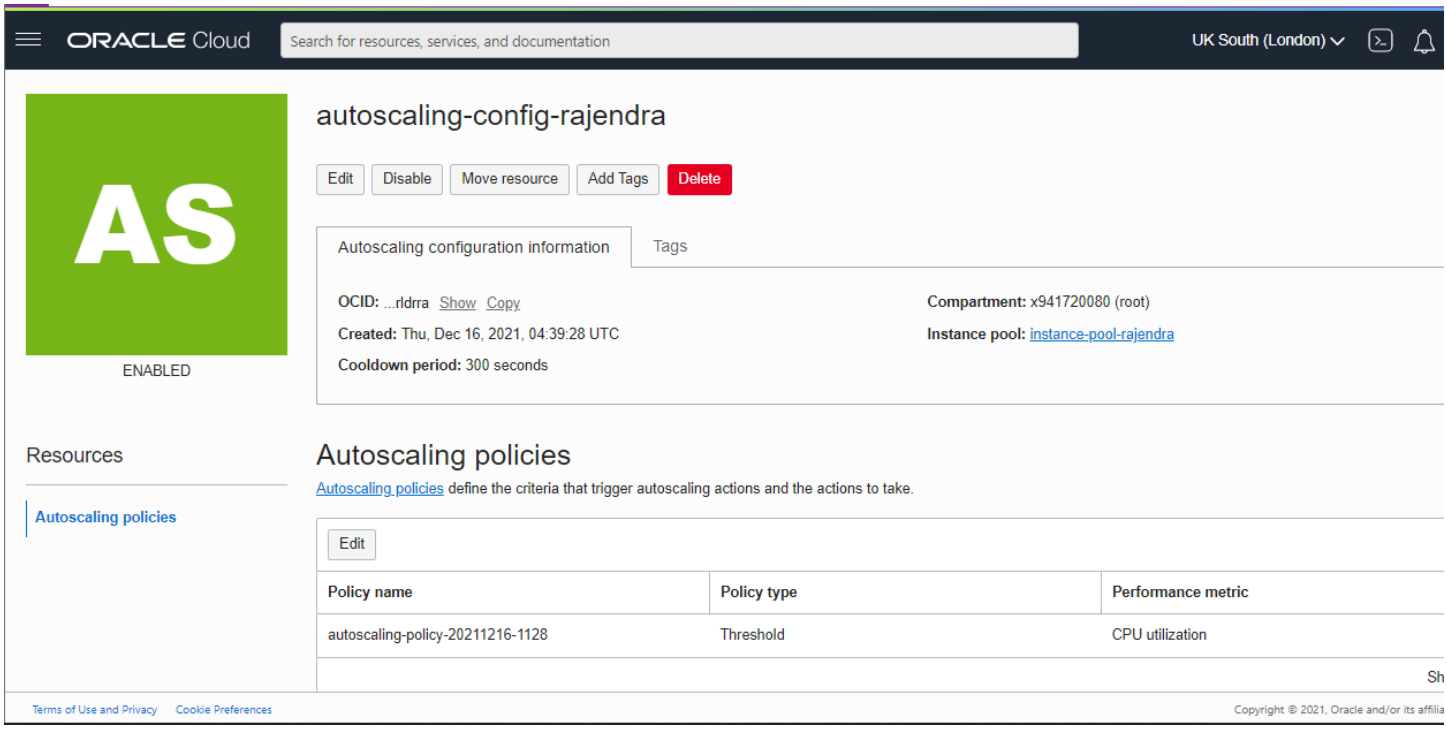
1. Create Autoscaling Configuration In More Actions



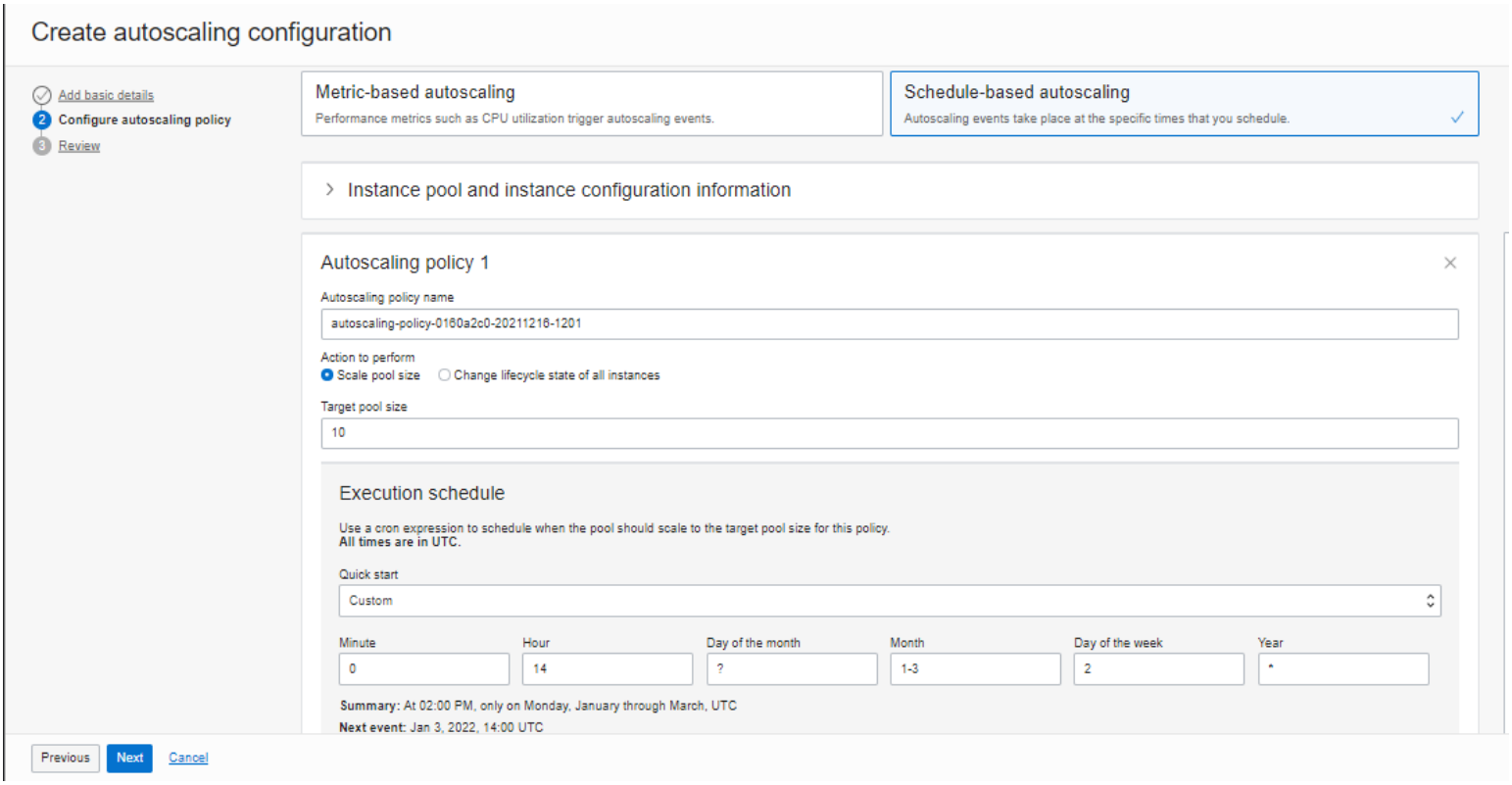
2. Do Configuration Like this

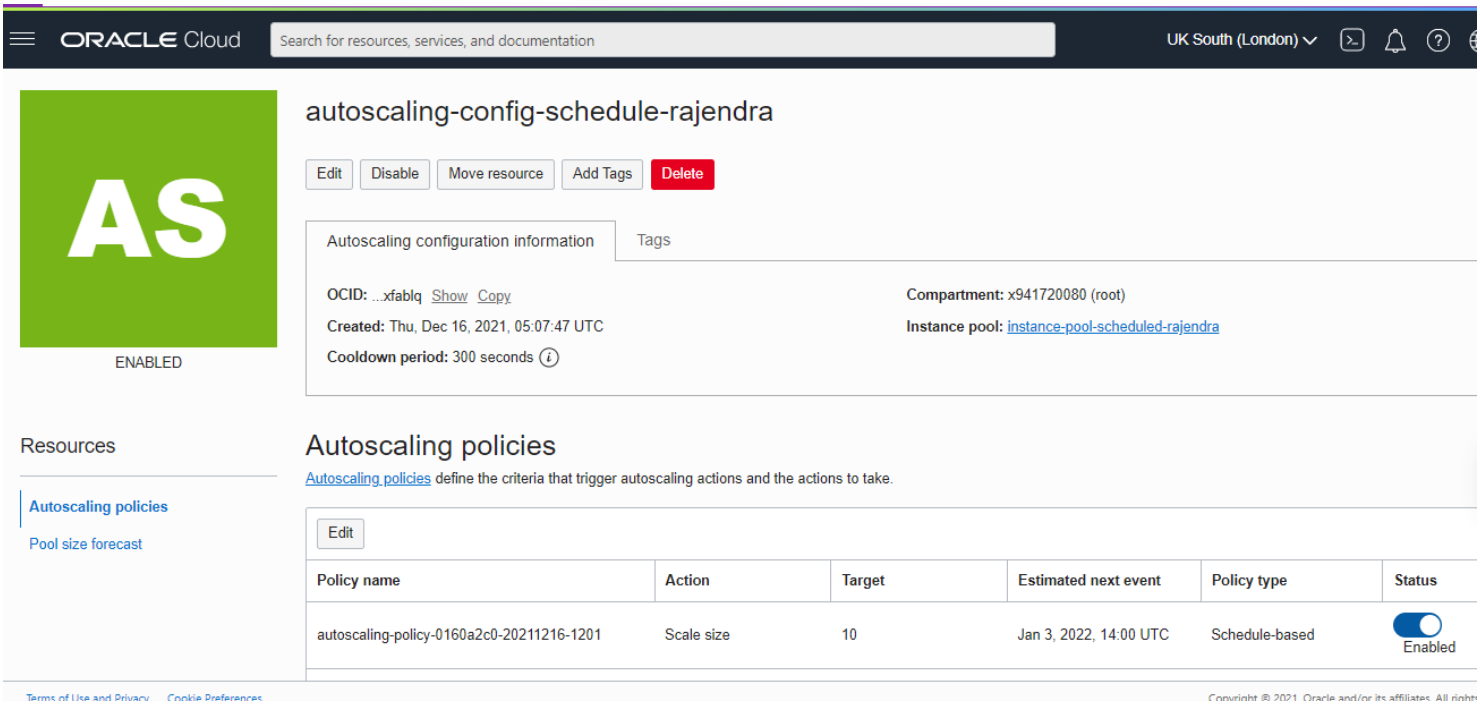



ORACLE Cloud
Search for resources, services, and documentation
Create autoscaling configuration
Add basic details
Configure autoscaling policy
Review
Metric-based autoscaling
Performance metrics such as CPU utilization trigger autoscaling events.
Schedule-based autoscaling
Autoscaling events take place at the specific times that you schedule.
Instance pool and instance configuration information
Configure autoscaling policy
Autoscaling policy name
autoscaling-policy-20211216-1128
Cooldown in seconds
300
Minimum value is 300 seconds.
Performance metric
CPU utilization
Scale-out rule
Scale-out operator
Greater than (>)
Threshold percentage
70
Number of instances to add
1
Scale-in rule
Scale-in operator
Less than (<)
Threshold percentage
40
Number of instances to remove
1
Scaling limits
Minimum number of instances
1
Maximum number of instances
3
Initial number of instances
2
Previous
Next
Cancel


ORACLE Cloud
Search for resources, services, and documentation
UK South (London)
AS
ENABLED
autoscaling-config-rajendra
Edit
Disable
Move resource
Add Tags
Delete
Autoscaling configuration information
Tags
OCID: ...rldrra Show Copy
Created: Thu, Dec 16, 2021, 04:39:28 UTC
Cooldown period: 300 seconds
Compartment: x941720080 (root)
Instance pool: instance-pool-rajendra
Resources
Autoscaling policies
Autoscaling policies
Autoscaling policies define the criteria that trigger autoscaling actions and the actions to take.
Edit
Policy name
Policy type
Performance metric
autoscaling-policy-20211216-1128
Threshold
CPU utilization
Terms of Use and Privacy
Cookie Preferences
Copyright © 2021, Oracle and/or its affilia

3. Schedule Based Autoscaling





Assignment

1. Explain What is the relationship between Autoscalling and Availability?

   Autoscaling is a cloud computing feature that enables organizations to scale cloud services such as server capacities or virtual machines up or down automatically, based on defined situations such as traffic ir utilization levels.

   The key difference is that autoscaling requires that an application be architected such that a node can be taken out of service at any time, without interrupting end-users.

   Benefits using auto scaling With autoscalling, the computing infrastructure that is run will be able to adapt to the computing needs of the time. So that the costs required will certainly be more efficient.