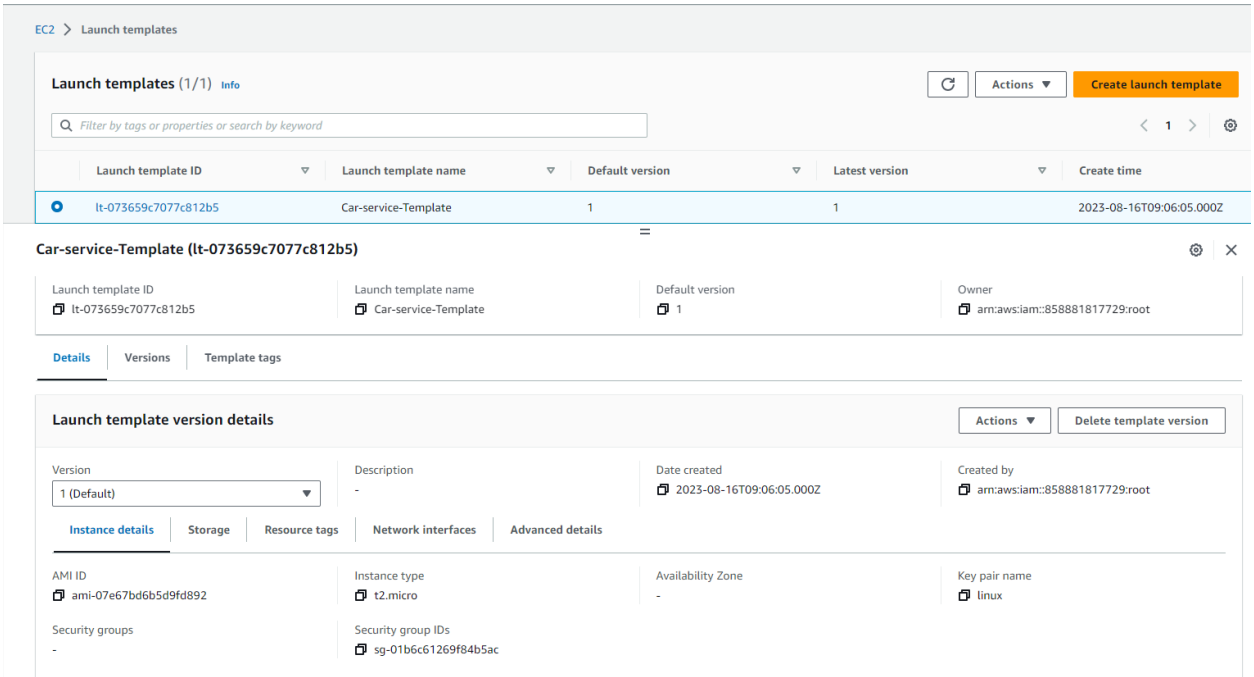
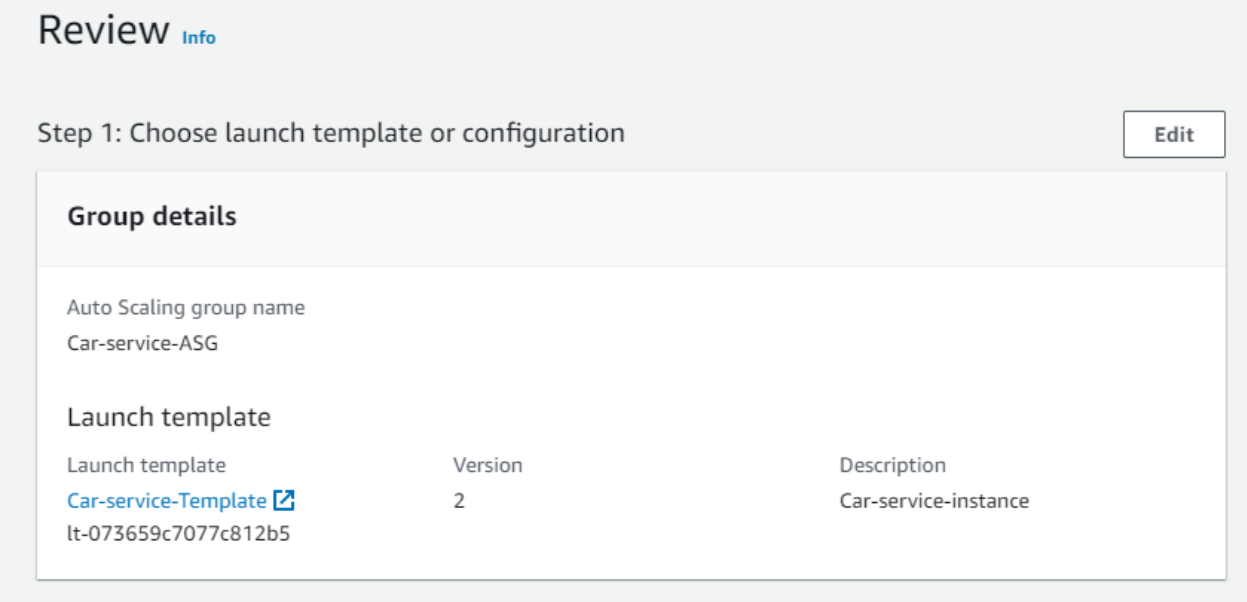
SOLUTION

1.Created EC2 launch templates



2. Created Auto scaling group



Step 2: Choose instance launch options

Edit

Network

Network

VPC

vpc-0ccc02518d0ed2c98

Availability Zone	Subnet	
eu-west-3a	subnet-0c6d26e0414236a21	10.0.1.0/24
eu-west-3b	subnet-0be0f8a0c94e30081	10.0.4.0/24
eu-west-3c	subnet-0ea6ad05aeba9237a	10.0.3.0/24

Instance type requirements

This Auto Scaling group will adhere to the launch template.

Step 3: Configure advanced options

Edit

Load balancing

Load balancer 1

Name	Type	Target group
Car-service-ASG-1	Application/HTTP	Car-service-ASG-1

Health checks

Health check type	Health check grace period
EC2, ELB	300 seconds

Additional settings

Monitoring	Default instance warmup
Disabled	Disabled

Step 4: Configure group size and scaling policies

Edit

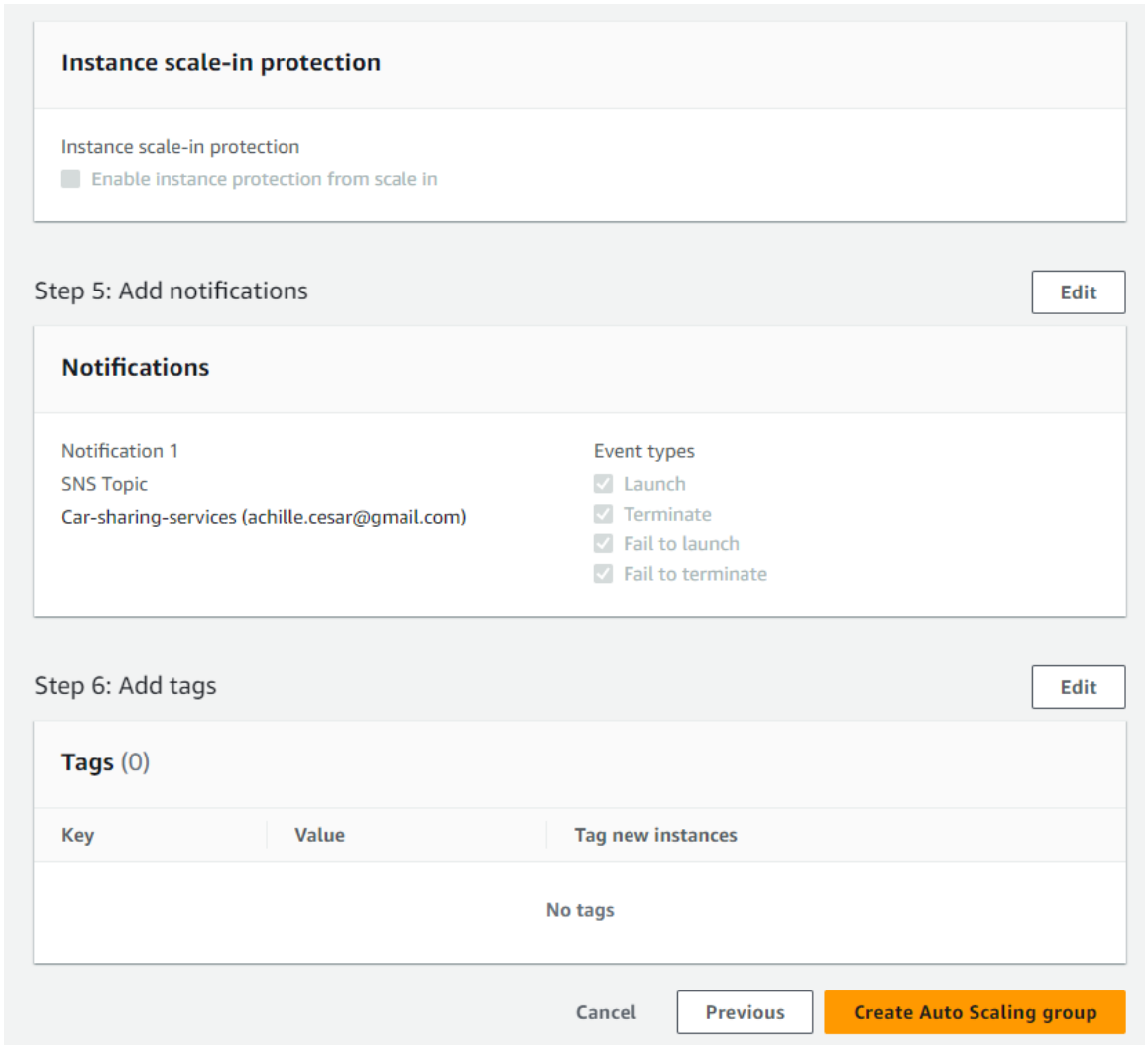
Group size

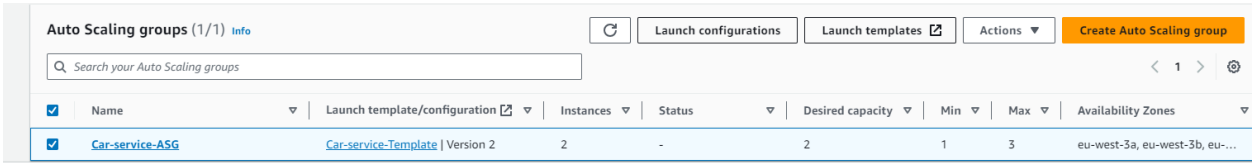
Desired capacity	Minimum capacity	Maximum capacity
2	1	3

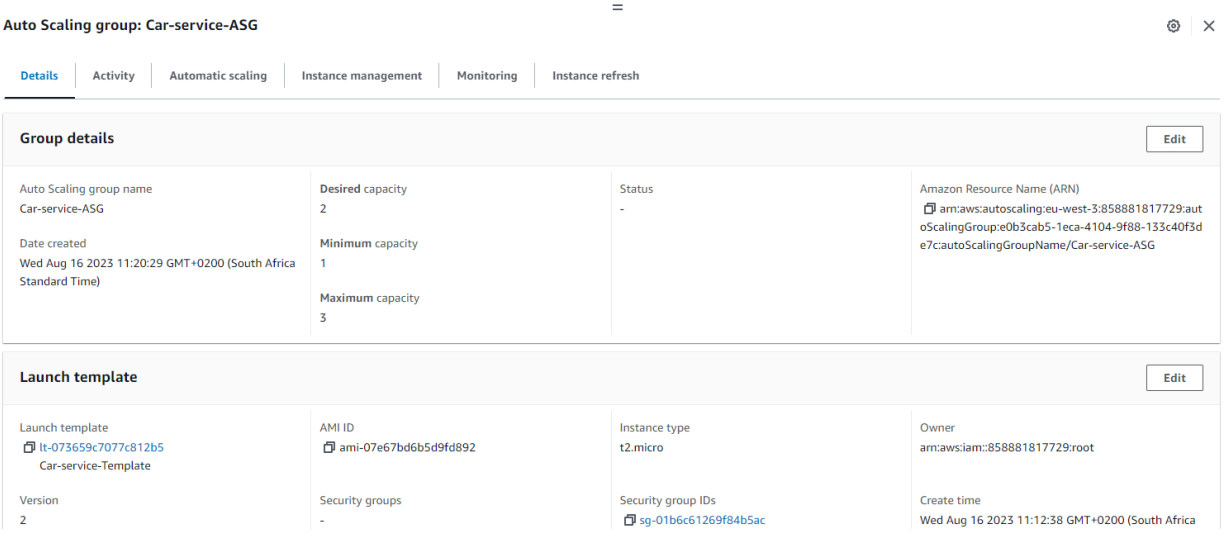
Scaling policy

Target tracking scaling

Policy type	Scaling policy name	Execute policy when
Target tracking scaling	Target Tracking Policy	As required to maintain Average CPU utilization at 70
Take the action	**Instances need**	**Scale in**
Add or remove capacity units as required	300 seconds to warm up before including in metric	Enabled


Instance scale-in protection
Instance scale-in protection
Enable instance protection from scale in
Step 5: Add notifications
Edit
Notifications
Notification 1
SNS Topic
Car-sharing-services (achille.cesar@gmail.com)
Event types
Launch
Terminate
Fail to launch
Fail to terminate
Step 6: Add tags
Edit
Tags (0)
Key
Value
Tag new instances
No tags
Cancel
Previous
Create Auto Scaling group


Auto Scaling groups (1/1) Info
Launch configurations
Launch templates
Actions
Create Auto Scaling group
Search your Auto Scaling groups
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
Max
Availability Zones
Car-service-ASG
Car-service-Template | Version 2
2
-
2
1
3
eu-west-3a, eu-west-3b, eu-...


Auto Scaling group: Car-service-ASG
Details
Activity
Automatic scaling
Instance management
Monitoring
Instance refresh
Group details
Edit
Auto Scaling group name
Car-service-ASG
Date created
Wed Aug 16 2023 11:20:29 GMT+0200 (South Africa Standard Time)
Desired capacity
2
Minimum capacity
1
Maximum capacity
3
Status
-
Amazon Resource Name (ARN)
arn:aws:autoscaling:eu-west-3:858881817729:autoScalingGroup:e0b3cab5-1eca-4104-9f88-133c40f3de7c:autoScalingGroupName/Car-service-ASG
Launch template
Edit
Launch template
lt-073659c7077c812b5
Car-service-Template
AMI ID
ami-07e67bd6b5d9fd892
Instance type
t2.micro
Owner
arn:aws:iam::858881817729:root
Version
2
Security groups
-
Security group IDs
sg-01b6c61269f84b5ac
Create time
Wed Aug 16 2023 11:12:38 GMT+0200 (South Africa

Load balancer