

```
docker build -t travel-memory-app .
```

DEPLOY EVERYTHING

```
kubectl apply -f k8s/
```

Check:

```
kubectl get pods  
kubectl get svc  
kubectl get pvc  
kubectl get ingress
```

```
--> Running in 95b49198d99d  
--> Removed intermediate container 95b49198d99d  
--> b620e504b23b  
Successfully built b620e504b23b  
Successfully tagged travel-memory-app:latest  
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl apply -f k8s/  
configmap/travel-config created  
deployment.apps/travel-app created  
service/travel-app-service created  
service/travel-ingress created  
ingress.networking.k8s.io/travel-ingress created  
deployment.apps/mongo created  
persistentvolumeclaim/mongo-pvc created  
service/mongo created  
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl get pods  
kubectl get svc  
kubectl get pvc  
kubectl get ingress  
NAME          READY   STATUS    RESTARTS   AGE  
microservice-1-d94466577-cnrhc  1/1     Running   1 (3h18m ago)  4h9m  
microservice-2-f859c57bf-gp95r  1/1     Running   1 (3h18m ago)  4h9m  
microservice-3-64465dc89c-69lx8  1/1     Running   1 (3h18m ago)  4h9m  
mongo-796f87b8fc-xwnd8       1/1     Running   0          26s  
travel-app-6d65c4ccb4-hmtn4   0/1     ImagePullBackOff 0          26s  
travel-app-6d65c4ccb4-mfnf6   0/1     ImagePullBackOff 0          26s  
NAME          TYPE        CLUSTER-IP      EXTERNAL-IP    PORT(S)         AGE  
kubernetes   ClusterIP   10.96.0.1     <none>        443/TCP        20h  
microservice-1 ClusterIP   10.103.237.229 <none>        80/TCP         4h9m  
microservice-2 ClusterIP   10.106.103.92  <none>        80/TCP         4h9m  
microservice-3 ClusterIP   10.99.253.152 <none>        80/TCP         4h9m  
mongo        ClusterIP   10.107.30.69  <none>        27017/TCP     26s  
travel-app-service ClusterIP  10.106.31.26 <none>        80/TCP         26s  
NAME          STATUS    VOLUME           CAPACITY   ACCESS MODES  STORAGECLASS  VOLUMEATTRIBUTESCLASS  AGE  
mongo-pvc     Bound    pvc-82adb282-55a2-441c-b083-cfacelc0e3bb  1Gi        RWO          standard    <unset>          ADDRESS        PORTS        AGE  
NAME          CLASS      HOSTS  
microservices-ingress  nginx    servicel.local.com,service2.local.com,service3.local.com  192.168.49.2  80  4h9m
```

```

ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl get svc
NAME          TYPE      CLUSTER-IP   EXTERNAL-IP   PORT(S)    AGE
kubernetes    ClusterIP 10.96.0.1    <none>        443/TCP   20h
microservice-1 ClusterIP 10.103.237.229 <none>        80/TCP    4h11m
microservice-2 ClusterIP 10.106.103.92  <none>        80/TCP    4h11m
microservice-3 ClusterIP 10.99.253.152 <none>        80/TCP    4h11m
mongo          ClusterIP 10.107.30.69  <none>        27017/TCP  2m37s
travel-app-service ClusterIP 10.106.31.26 <none>        80/TCP    2m37s
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl get pvc
NAME           STATUS  VOLUME          CAPACITY  ACCESS MODES  STORAGECLASS  VOLUMEATTRIBUTESCLASS  AGE
mongo-pvc     Bound   pvc-82adb282-55a2-441c-b083-cface1c0e3bb  1Gi       RWO          standard      <unset>                2m46s
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl get pods
NAME             READY  STATUS    RESTARTS  AGE
microservice-1-d94466577-cnrhc  1/1   Running   1 (3h21m ago)  4h11m
microservice-2-f859c57bf-gp95r  1/1   Running   1 (3h21m ago)  4h11m
microservice-3-64465dc89c-69lx8 1/1   Running   1 (3h21m ago)  4h11m
mongo-796f87b8fc-xwind8       1/1   Running   0          3m4s
travel-app-6d65c4ccb4-hmtn4   0/1   ImagePullBackOff  0          3m4s
travel-app-6d65c4ccb4-mfnf6   0/1   ImagePullBackOff  0          3m4s
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ kubectl get ingress
NAME          CLASS  HOSTS          ADDRESS      PORTS  AGE
microservices-ingress  nginx  service1.local.com,service2.local.com,service3.local.com  192.168.49.2  80    4h11m
travel-ingress    nginx  memories.local.com          192.168.49.2  80    3m6s
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$
```

Add to /etc/hosts

```
# Get Minikube IP
```

```
MINIKUBE_IP=$(minikube ip)
```

```
# Add to /etc/hosts
```

```
echo "$MINIKUBE_IP memories.local.com" | sudo tee -a /etc/hosts
```

```
# Verify
```

```
cat /etc/hosts | grep memories.local.com
```

```

ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app/k8s$ MINIKUBE_IP=$(minikube ip)
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app/k8s$ echo "$MINIKUBE_IP memories.local.com" | sudo tee -a /etc/hosts
sts
192.168.49.2 memories.local.com
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app/k8s$ cat /etc/hosts | grep memories.local.com
192.168.49.2 memories.local.com
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app/k8s$ curl -X POST http://memories.local.com/memories \
-H "Content-Type: application/json" \
-d '{
  "location": "Paris",
  "date": "2024-01-05",
  "description": "Eiffel Tower visit",
  "imageUrl": "https://example.com/img1.jpg"
}'
<html>
<head><title>503 Service Temporarily Unavailable</title></head>
<body>
<center><h1>503 Service Temporarily Unavailable</h1></center>
<br><center>nginx</center>
</body>
</html>
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app/k8s$
```

TEST API

CREATE

```
curl -X POST http://memories.local.com/memories \
```

```
-H "Content-Type: application/json" \
```

```
-d '{
  "location": "Paris",
  "date": "2024-01-05",
  "description": "Eiffel Tower visit",
  "imageUrl": "https://example.com/img1.jpg"
}'
```

GET

```
curl http://memories.local.com/memories
```

```
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ sudo sh -c 'echo "192.168.49.2 memories.local.com" >> /etc/hosts'
[ /etc/hosts'
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ curl -X POST http://memories.local.com/memories \
-H "Content-Type: application/json" \
-d '{
  "location": "Paris",
  "date": "2024-01-05",
  "description": "Eiffel Tower visit",
  "imageUrl": "https://example.com/img1.jpg"
}'
{"location": "Paris", "date": "2024-01-05", "description": "Eiffel Tower visit", "imageUrl": "https://example.com/img1.jpg", "_id": "6937ca2ecd6888c3c8403006
", "__v": 0}ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ curl http://memories.local.com/memories
[{"_id": "6937ca2ecd6888c3c8403006", "location": "Paris", "date": "2024-01-05", "description": "Eiffel Tower visit", "imageUrl": "https://example.com/img1.jp
g", "__v": 0}, {"_id": "6937ca2ecd6888c3c8403006", "location": "Paris", "date": "2024-01-05", "description": "Eiffel Tower visit", "imageUrl": "https://example.
com/img1.jpg", "__v": 0}]ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$
```

AWS Deployment

```
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ aws ecr get-login-password --region eu-west-2 | docker login --u
sername AWS --password-stdin 975050024946.dkr.ecr.eu-west-2.amazonaws.com
WARNING! Your credentials are stored unencrypted in '/home/ubuntu/.docker/config.json'.
Configure a credential helper to remove this warning. See
https://docs.docker.com/go/credential-store/
Login Succeeded
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ docker tag adish786/travel-memory-app:latest 975050024946.dkr.ec
r.eu-west-2.amazonaws.com/adish786/travel-memory-app:latest
ubuntu@ip-172-31-15-140:~/Container-Orchestration-Practice-Tasks/travel-memory-app$ docker push 975050024946.dkr.ecr.eu-west-2.amazonaws.com/adish78
6/travel-memory-app:latest
The push refers to repository [975050024946.dkr.ecr.eu-west-2.amazonaws.com/adish786/travel-memory-app]
5758fa576651: Pushed
040d39e0e149: Pushed
d5f514318493: Pushed
184f08b218e0: Pushed
82144d9a78a7: Pushed
f3b40b0cd1bc: Pushed
0b1f26057bd0: Pushed
08000c18d16d: Pushed
latest: digest: sha256:f277acbf98bf4aec08bbaba577bfc369c7f89396c84fee2696ff4123d4c88a2c size: 1990
```

```
sudo docker pull mongo
```

```
sudo docker run -d -p 27017:27017 --name mongodb -v /data/db:/data/db mongo
```

```
sudo docker exec -it mongodb mongo
```

Amazon Elastic Container Service > Task definitions > adish-travel-memory-app > Revision 1 > Containers

Last updated December 9, 2025, 12:58 (UTC+5:30) Deploy Actions Create new revision

adish-travel-memory-app:1

Overview		Info	
ARN	arn:aws:ecs:eu-west-2:9750 50024946:task-definition/adish-travel-memory-app:1	Status	ACTIVE
Task role	-	Task execution role	ecsTaskExecutionRole
Fault injection	Turned off	Operating system/Architecture	Linux/X86_64
		App environment	Fargate
		Network mode	awsvpc

Containers JSON Task placement Volumes (0) Requires attributes Tags

Task size

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Amazon Elastic Container Service > Task definitions > adish-mongo > Revision 1 > Containers

Last updated December 9, 2025, 12:59 (UTC+5:30) Deploy Actions Create new revision

adish-mongo:1

Overview		Info	
ARN	arn:aws:ecs:eu-west-2:9750 50024946:task-definition/adish-mongo:1	Status	ACTIVE
Task role	-	Task execution role	ecsTaskExecutionRole
Fault injection	Turned off	Operating system/Architecture	Linux/X86_64
		App environment	Fargate
		Network mode	awsvpc

Containers JSON Task placement Volumes (0) Requires attributes Tags

Task size

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Amazon Elastic Container Service > Clusters > travel-memory-app > Services

Last updated December 10, 2025, 10:25 (UTC+5:30) Actions Create with Express Mode

travel-memory-app

Cluster overview		Tasks	
ARN	arn:aws:ecs:eu-west-2:9750 50024946:cluster/travel-memory-app	Status	CloudWatch monitoring
Draining	Active	Pending	Running
	Default		Registered container instances

Services Tasks Infrastructure Metrics Scheduled tasks Configuration Event history Tags

Services (0) Info Last updated December 10, 2025, 10:25 (UTC+5:30) Manage tags Update Delete service Create Filter launch type Filter scheduling strategy Filter resource management type

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Create service Info

Service details

Task definition family
Select an existing task definition family. To create a new task definition, go to [Task definitions](#).
 (C)

Task definition revision Latest
Select the task definition revision from the 100 most recent entries, or enter a revision. Leave the field blank to use the latest revision.
 X (C)

Service name
Assign a service name that is unique for this cluster.
 (C)

Up to 255 letters (uppercase and lowercase), numbers, underscores, and hyphens are allowed. Service names must be unique within a cluster.

Environment

AWS Fargate (C)

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Environment

Existing cluster

Compute configuration - advanced

Compute options Info
To ensure task distribution across your compute types, use appropriate compute options.

Capacity provider strategy
Specify a launch strategy to distribute your tasks across one or more capacity providers.

Launch type
Launch tasks directly without the use of a capacity provider strategy.

Capacity provider strategy Info
Select either your cluster default capacity provider strategy or select the custom option to configure a different strategy.

Use cluster default
No default capacity provider strategy configured for this cluster.

Use custom (Advanced)

Capacity provider Info

FARGATE	Base	Weight
<input type="button" value="▼"/>	0	1

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Deployment configuration

Scheduling strategy Info
 Replica
Place and maintain a desired number of tasks across your cluster.

Daemon
Place and maintain one copy of your task on each container instance.

Desired tasks
Specify the number of tasks to launch.

Availability Zone rebalancing Info
 Turn on Availability Zone rebalancing
Amazon ECS automatically detects Availability Zone imbalances in task distributions across an ECS service, and evenly redistributes ECS service tasks across Availability Zones.

Health check grace period Info
 seconds

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Amazon Elastic Container Service

- Express Mode **New**
- Clusters**
- Namespaces
- Task definitions
- Account settings

- Amazon ECR
- Repositories

- AWS Batch

- Documentation
- Discover products

CloudShell Feedback Console Mobile App

Load balancing - optional
Configure load balancing using Amazon Elastic Load Balancing to distribute traffic evenly across the healthy tasks in your service.

Use load balancing

VPC
The VPC for your load balancing resources must be the same as the VPC for your service with awsvpc.
vpc-0376ebe6043cd8004

Load balancer type Specify the load balancer type to distribute incoming traffic across the tasks running in your service.

Application Load Balancer
An Application Load Balancer makes routing decisions at the application layer (HTTP/HTTPS), supports path-based routing, and can route requests to one or more ports.

Network Load Balancer
A Network Load Balancer makes routing decisions at the transport layer (TCP/UDP).

Container
The container and port to load balance the incoming traffic to

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Amazon Elastic Container Service

- Express Mode **New**
- Clusters**
- Namespaces
- Task definitions
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- Amazon ECR
- Repositories

- AWS Batch

- Documentation
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Application Load Balancer
Specify whether to create a new load balancer or choose an existing one.

Create a new load balancer

Use an existing load balancer

Load balancer name
Assign a unique name for the load balancer.

Creates an internet-facing Application Load Balancer. To create an internal load balancer, use the [Amazon EC2 console](#).

Listener Specify the port and protocol that the load balancer will listen for connection requests on.

Create new listener

Use an existing listener
You need to select an existing load balancer.

Port

Protocol

Target group Specify whether to create a new target group or choose an existing one that the load balancer will use to route requests to the tasks in your service.

Create new target group

Target group name

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Amazon Elastic Container Service

- Express Mode **New**
- Clusters**
- Namespaces
- Task definitions
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Service auto scaling - optional
Automatically adjust your service's desired count up and down within a specified range in response to CloudWatch alarms. You can modify your service auto scaling configuration at any time to meet the needs of your application.

Info You can now configure predictive scaling for your ECS services by using the service auto scaling section on the Service details page. This dedicated section enables you to configure all types of scaling policies, set up scheduled scaling actions, and track scaling activities. [Learn more](#)

Use service auto scaling
Configure service auto scaling to adjust your service's desired count

Minimum number of tasks
The lower boundary to which service auto scaling can adjust the desired count of the service.

Maximum number of tasks
The upper boundary to which service auto scaling can adjust the desired count of the service.

Scaling policy type Create either a target tracking or step scaling policy.

Target tracking
Increases or decreases the number of tasks that

Step scaling
Increases or decreases the number of tasks that

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Amazon Elastic Container Service > Clusters > travel-memory-app > Create service

Amazon Elastic Container Service

Express Mode New

Clusters

Namespaces

Task definitions

Account settings

Amazon ECR

Repositories

AWS Batch

Documentation

CloudShell Feedback Console Mobile App

Policy name: travel-memory

ECS service metric: ECSServiceAverageCPUUtilization

Target value: 70

Scale-out cooldown period: 80

Scale-in cooldown period: 90

Turn off scale-in

Volume - optional

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Amazon Elastic Container Service > Clusters > travel-memory-app > Services > adish-travel-memory-app-service-0mw6sgkn > Health

adish-travel-memory-app-service-0mw6sgkn Info

Last updated December 10, 2025, 10:41 (UTC+5:30)

Delete service Update service

Service overview

Status: Active

Tasks (3 Desired): 0 Pending | 6 Running

Task definition: revision adish-travel-memory-app:1

Deployment status: In progress

Health and metrics Tasks Logs Deployments Events Configuration and networking Service au

Status

Service name: adish-travel-memory-app-service-0mw6sgkn

Service ARN: amaws:ecs:eu-west-2:975050024946:service/travel-m

Deployments current state: 6 Completed tasks

Created at: December 10, 2025, 10:38 (UTC+5:30)

https://eu-west-2.console.aws.amazon.com/ecs/v2/getStarted?region=eu-west-2

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EC2 > Load balancers > travel-memory-app

EC2

Dashboard

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

Images

AMIs

Introducing token validation of JWTs for ALB

Authenticate machine-to-machine and service-to-service communications by validating JSON Web Tokens (JWTs) directly at the load balancer level.

Learn more

travel-memory-app

Actions

Details

Load balancer type	Status	VPC	Load balancer IP address type
Application	Active	vpc-0376eb6e6043cd8004	IPv4
Scheme	Internet-facing	Hosted zone: ZHURV8PSTC4K8	Availability Zones: subnet-01d94082ca6584cae (eu-west-2c) subnet-067a0303e6a0bb68f (eu-west-2a) subnet-0b6a655c4b09718b6 (eu-west-2b)
		Date created: December 10, 2025, 10:36 (UTC+5:30)	

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CloudFormation > Stacks

Stacks (30)

CloudFormation <

Stacks

- Stack details
- Drifts
- Stack refactors **New**
- StackSets
- Exports

Infrastructure Composer

IaC generator

Hooks overview

Invocation summary

Hooks

CloudShell Feedback **Console Mobile App**

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Stack name	Status	Created time	Description
ECS-Console-V2-Service-adish-travel-memory-app-service-0mw6sgkn-travel-memory-app-2dde06a5	CREATE_IN_PROGRESS	2025-12-10 10:36:08 UTC+0530	The template used to create an ECS Service from the ECS Console.
Infra-ECS-Cluster-travel-memory-app-96c6d326	CREATE_COMPLETE	2025-12-10 10:24:00 UTC+0530	The template used to create an ECS Cluster from the ECS Console.
eksctl-ramiz-eks-nodegroup-rg-1	CREATE_COMPLETE	2025-11-30 17:44:03 UTC+0530	EKS Managed Nodes (SSH access: false) [created by eksctl]
eksctl-ramiz-eks-addon-vpc-cni	CREATE_COMPLETE	2025-11-30 17:43:19 UTC+0530	IAM role for "vpc-cni" [created and managed by eksctl]

CloudWatch > Alarms > Create alarm

Step 1 Specify metric and conditions

Step 2
Configure actions

Step 3
Add alarm details

Step 4
Preview and create

Specify metric and conditions

Metric

Graph

Preview of the metric or metric expression and the alarm threshold.

Select metric

Next

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Select metric

CPUUtilization, MemoryUtilization

1h 3h 12h 1d 3d 1w Custom UTC timezone Line

Browse (3,068) **Multi source query** **Graphed metrics** **Options** **Source** **Add math** **Add query**

Alarm recommendations Graph with SQL Graph search

Search for any metric, dimension, resource id or account id

ApplicationELB	76	AutoScaling	105	CertificateManager	1	DynamoDB	20
EBS	313	EC2	627	ECR	1	ECS	2

Cancel Select a single metric to continue

Select metric

CPUUtilization

1h 3h 12h 1d 3d 1w Custom UTC timezone Line

Browse (2) Multi source query Graphed metrics (1) Options Source Add math Add query

All > ECS > ClusterName, ServiceName Alarm recommendations Graph with SQL Graph search

Search for any metric, dimension, resource id or account id

ClusterName 2/2 ServiceName Metric name Alarms

<input checked="" type="checkbox"/> travel-memory-app	adish-travel-memory-app-service-0mw6sgkn	CPUUtilization ⓘ	No alarms
<input type="checkbox"/> travel-memory-app	adish-travel-memory-app-service-0mw6sgkn	MemoryUtilization ⓘ	No alarms

Cancel Select metric

CloudWatch > Alarms > Create alarm Step 1 Specify metric and conditions

Step 2 Configure actions Step 3 Add alarm details Step 4 Preview and create

Graph This alarm will trigger when the blue line goes above the red line for 1 datapoints within 5 minutes.

Metric

Percent

75

37.5

0 02:30 03:30 04:30

CPUUtilization

Namespace AWS/ECS

Metric name CPUUtilization

ServiceName adish-travel-memory-app-service-0mw6sgkn

ClusterName travel-memory-app

Edit

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CloudWatch > Alarms > Create alarm

Conditions

Threshold type

Static Use a value as a threshold

Anomaly detection Use a band as a threshold

Whenever CPUUtilization is... Define the alarm condition.

Greater > threshold

Greater/Equal >= threshold

Lower/Equal <= threshold

Lower < threshold

than... Define the threshold value.

75 Must be a number.

Additional configuration

Datapoints to alarm Define the number of datapoints within the evaluation period that must be breaching to cause the alarm to go to ALARM state.

CloudShell Feedback Console Mobile App

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CloudWatch > Alarms > Create alarm

than...
Define the threshold value.
75
Must be a number.

Additional configuration

Datapoints to alarm
Define the number of datapoints within the evaluation period that must be breaching to cause the alarm to go to ALARM state.
1 out of 1

Missing data treatment
How to treat missing data when evaluating the alarm.
Treat missing data as missing

Cancel Next

CloudWatch > Alarms > Create alarm

Step 2 Configure actions

Step 3 Add alarm details

Step 4 Preview and create

Notification

Alarm state trigger
Define the alarm state that will trigger this action.

In alarm
The metric or expression is outside of the defined threshold.

OK
The metric or expression is within the defined threshold.

Insufficient data
The alarm has just started or not enough data is available.

Send a notification to the following SNS topic
Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

Send a notification to...
adish-invoice-topic

Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.

Email (endpoints)
arn:aws:sqs:eu-west-2:975050024946:adish-inventory-queue and 1 more - View in SNS Console

CloudWatch > Alarms > Create alarm

Auto Scaling action

Alarm state trigger
Define the alarm state that will trigger this action.

In alarm
The metric or expression is outside of the defined threshold.

OK
The metric or expression is within the defined threshold.

Insufficient data
The alarm has just started or not enough data is available.

Resource type
Select a resource type.

EC2 Auto Scaling group

ECS Service

Select a group
Select a group

Only Auto Scaling groups with a simple scaling or step scaling policy in this account are available.

Take the following action...
Select an action

Only actions for the selected Auto Scaling group are available.

CloudWatch > Alarms > Create alarm

Systems Manager action Learn more ↗

This action will trigger only when the alarm is **In Alarm** state.

Create OpsItem
This will create an OpsItem within OpsCenter with the specified severity and category.

Create incident
This will start an incident using the response plan as a template.

Severity
Define the severity of Opsitem
3 - Medium

Category (optional)
Define the category of Opsitem
Select category

Cancel Previous Next

CloudWatch > Alarms > Create alarm

Step 2 Configure actions

Step 3 **Add alarm details**

Step 4 Preview and create

Name and description

Alarm name
travel-alarm

Alarm description - optional View formatting guidelines

Edit **Preview**

```
# This is an H1
**double asterisks will produce strong character**
This is [an example](https://example.com/) inline link.
```

Up to 1024 characters (0/1024)

Markdown formatting is only applied when viewing your alarm in the console. The description will remain in plain text in the alarm notifications.

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CloudWatch > Alarms

CloudWatch

Favorites and recents

Dashboards

Alarms (0) In alarm All alarms

Application Signals (New APM)

Infrastructure Monitoring

Logs

Log Management (New)

Log Anomalies

Live Tail

Successfully created alarm travel-alarm.

Alarms (1)

Hide Auto Scaling alarms

Clear selection Create composite alarm Actions **Create alarm**

Search

Actions status: Any

Name	State	Last state update (UTC)	Conditions
travel-alarm	Insufficient data	2025-12-10 05:26:36	CPUUtilization > 75 for 1 datapoints within 5 minutes

View alarm

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CloudWatch Alarms travel-alarm

CloudWatch Favorites and recents Dashboards Alarms In alarm All alarms Application Signals (APM) Infrastructure Monitoring Logs Log Management Log Anomalies Live Tail CloudShell Feedback Console Mobile App

Alarms travel-alarm Details

Name	State	Namespace	Datapoints to alarm
travel-alarm	Insufficient data	AWS/ECS	1 out of 1
Type	Threshold	Metric name	Missing data treatment
Metric alarm	CPUUtilization > 75 for 1 datapoints within 5 minutes	CPUUtilization	Treat missing data as missing
Description	Actions	ServiceName	Percentiles with low samples
No description	Actions enabled	adish-travel-memory-app-service-0mw6sgkn	evaluate
Last state update	ClusterName	ARN	
2025-12-10 05:26:36 (UTC)	travel-memory-app	arn:aws:cloudwatch:eu-west-2:975050024946:alarm:travel-alarm	
Actions	Statistic		
	Average		
Period			

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