

1. Prepare a container image

- Skipped

2. Create a Task Role

Review

Provide the required information below and review this role before you create it.

Role name*

ecsDynamoDBTaskRole

Use alphanumeric and '+=, @, _' characters. Maximum 64 characters.

Role description


Allows ECS tasks to call AWS services on your behalf.

Maximum 1000 characters. Use alphanumeric and '+=, @, _' characters.

Trusted entities

AWS service: ecs-tasks.amazonaws.com

Policies

 AmazonDynamoDBFullAccess [↗](#)

Permissions boundary

Permissions boundary is not set

No tags were added.

3. Create a Task Definition

Task Definition: guestbook:1

View detailed information for your task definition. To modify the task definition, you need to create a new revision and then make the required changes to the task definition

Create new revision

Actions ▾

Builder

JSON

Tags

Task Definition Name

guestbook

Task Role

ecsDynamoDBTaskRole

Network Mode

awsvpc

If you choose <default>, ECS will start your container using Docker's default networking mode, which is Bridge on Linux and NAT on Windows. <default> is the only supported mode on Windows.

Compatibilities

EC2, FARGATE

Requires compatibilities

FARGATE

4. Create a Cluster and a Service

Review
Edit

Cluster guestbook-cluster

Launch type FARGATE

Task Definition guestbook:1

Service name guestbook-service

Service type REPLICA

Number of tasks 1

Minimum healthy percent 100

Maximum percent 200

Deployment circuit breaker Disabled

Configure network
Edit

VPC Id vpc-5a933527

Subnets subnet-82ade18c

Create new security group guestb-9858

Auto assign IP ENABLED

Set Auto Scaling (optional)
Edit

not configured

5. View the Guestbook

- Take a screenshot like the one shown below that shows the running task

Clusters > guestbook-cluster > Task: 2398447c0b384b2ea87cb38b4bf87f5e
Task : 2398447c0b384b2ea87cb38b4bf87f5e
Run more like this
Stop

Details
Tags
Logs

Cluster guestbook-cluster

Launch type FARGATE

Platform version 1.3.0

Task definition guestbook:1

Group service:guestbook-service

Task role ecsDynamicOidTaskRole

Last status RUNNING

Desired status RUNNING

Created at 2021-02-16 17:35:15 -0800

Started at 2021-02-16 17:35:40 -0800

Network

Network mode awsvpc

ENI Id eni-0cc5815543d51a64

Subnet Id subnet-82ade18c

Private IP 172.31.67.191

Public IP 3.235.227.240

Mac address 16:8f:d3:5b:e1:b5

Containers

Last updated on February 16, 2021 5:35:50 PM (0m ago)

Name	Container Runtime I...	Status	Image	Image Digest	CPU Units	Hard/Soft memory limits (MiB)	Essential	Resource ID
• guestbook	165d572e720d335e...	RUNNING	coddb/awsl_gd		0	---	true	1ca67b95-90af-428c-8460-1942a6e8282c

- Show your Guestbook app running in a browser. Make sure that your screenshot shows the IP address for your site.

Guestbook

Sign [here](#)

Entries

Branden Codd <codd@sou.edu>
signed on 2021-02-10 18:08:50.527620
Hello DynamoDB

Branden Codd <codd@sou.edu>
signed on 2021-02-11 02:18:14.824012
Hello Docker DynamoDB

Branden r codd <codd@sou.edu>
signed on 2021-02-11 02:35:23.289432
Hello Cloud9!!

Branden Codd <codd@sou.edu>
signed on 2021-02-11 02:47:35.679140
Hello EC2!

Branden r codd <codd@sou.edu>
signed on 2021-02-16 05:26:59.307395
Hello Elastic Beanstalk!

Branden codd <codd@sou.edu>
signed on 2021-02-17 01:37:13.463922
Hello ECS!
