

Deep Dive with Amazon ECS

Task Definitions

Task definition parameter documentation

http://docs.aws.amazon.com/AmazonECS/latest/developerguide/task_definition_parameters.html

Register the task definition that you downloaded

```
# Make sure you're in the deepdive/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://web-task-definition.json
```

- Notice the **revision** count in the JSON output

List all task definition families

```
aws ecs list-task-definition-families
```

List all task definitions

```
aws ecs list-task-definitions
```

- Make note of the **web:1** output in the JSON output

List the web task definition's first revision

```
aws ecs describe-task-definition --task-definition web:1
```

Register a second task definition using the same task definition

```
# Make sure you're in the deepdive/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://web-task-definition.json
```

- Notice the **revision** count in the JSON output

List all task definitions again

```
aws ecs list-task-definitions
```

- Make note of the **multiple web** outputs in the JSON output

Deregister the 2nd task definition

```
aws ecs deregister-task-definition --task-definition web:2
```

- Make note of the **status** output being INACTIVE in the JSON output

Explore the AWS CLI's help menu

```
aws ecs register-task-definition help
```

Generate a skeleton task definition to the terminal

```
aws ecs register-task-definition --generate-cli-skeleton
```