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Category:

Containers



Amazon Elastic Container Service (Amazon ECS)

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Created by:

[Ashish Prajapati](#)



What?

- Amazon ECS is a fully managed container orchestration service that makes it easy for you to deploy, manage, and scale containerized applications.

Why?

- Amazon ECS eliminates the need for you to install, operate, and scale your own cluster management infrastructure.
- You can use Amazon ECS to schedule container placement across your cluster based on your resource needs and availability requirements.

When?

- You want to schedule long-running applications, services, and batch processes using Docker containers.
- You want to maintain application availability and ability to scale your containers up or down to meet your application's capacity requirements.

Where?

- Amazon ECS is a regional service which can run and scale your container workloads across availability zones
- On your infrastructure with *Amazon ECS Anywhere*.

Who?

- Amazon ECS is a fully-managed container orchestration service, with AWS configuration and operational best practices built-in, and no control plane, nodes, or add-ons for you to manage.
- Customers define Tasks, Service, Capacity Providers and deployment process.

How?

- Amazon ECS allows you to easily run applications on a managed cluster of Amazon EC2 instances.
- Your containers are defined in a task definition that you use to run an individual tasks or task within a service.
- Amazon ECS is integrated with familiar features like Elastic Load Balancing, EBS volumes, Amazon VPC and IAM.

How much?

- There is no additional charge for Amazon ECS. You pay for AWS resources (e.g. Amazon EC2 instances or EBS volumes) you create to store and run your application.
- You only pay for what you use, as you use it; there are no minimum fees and no upfront commitments.