

Service Summary Cards (SSC)

Reference:

[FAQs](#)

Category:

Containers



Amazon ECS
Anywhere

What?

- Amazon ECS Anywhere is a feature of Amazon ECS that enables you to run and manage container-based applications on-premises, including on your own virtual machines (VMs) and bare metal servers. Whether on-premises or in the cloud, you'll have similar cluster management, workload scheduling, and monitoring you've come to know from Amazon ECS.

Why?

- It provides a single management interface for all of your container-based applications, irrespective of the environment they're running in.

When?

- You don't want to run and operate separate container management software for your on-premises container workloads.
- You need a simple, consistent experience for cluster management, workload scheduling, and monitoring for both the cloud and on-premises.

Where?

- The ECS agent, software that allows a host to connect with the ECS control plane, is supported on VM (e.g., running on VMware, Microsoft Hyper-V, or OpenStack) or on-premises bare metal server running a supported operating system (OS).

Who?

- ECS Anywhere offers a completely managed solution that enables you to standardize container management across all of your environments. The AWS Systems Manager Agent, Amazon ECS container agent, and Docker must be installed on these external instances. Your external instances require an IAM role that permits them to communicate with AWS APIs.

How?

- Generate an activation key using ECS management console. Install the lightweight open source ECS agent, available on Github, Docker Hub, and Amazon Elastic Container Registry Public, on the VMs/bare metal servers.
- As part of the installation configuration, provide the activation key along with the AWS region.

How much?

- You pay \$0.01025 per instance-hour for each managed ECS Anywhere external instance. You may be charged for registering your on-premises instances with AWS Systems Manager if you have over 1000 instances per account per region at any point of time.

More SSCs:

[Click Here](#)

Complete Book

[Click Here](#)

Created by:

[Ashish Prajapati](#)

