

# AMAZON ECS CERTIFICATION

As per International Standards



# UNICHROME

# Unichrone Training **Advantages**

- ✓ 2 Day Interactive Instructor –led Online/Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and case studies and present trends
- ✓ Amazon ECS Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Amazon ECS Training Course schedule



# About Unichrone

✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

**We've trained professionals across global companies**

## Importance of Amazon ECS Training

- ✓ Amazon ECS Certification confirms readiness for performing activities that are involved in ECS, clustering, task manipulation, and safety management of container-based applications. There are many advantages of getting this certification such as recognition in the industrial sector, new opportunities for career advancement, and confirmation of the existing skills. There are many advantages of getting this certification such as recognition in the industrial sector, new opportunities for career advancement, and confirmation of existing skills.
- ✓ Amazon ECS Training prepares the participants to be experts in handling Elastic Container Services. The course introduces learners to the fundamentals of ECS, cluster creation, service and task management, networking, security considerations, scaling, performance tuning, and debugging. Furthermore, this certification training provides participants with skills that allow them to easily coordinate applications in containers within their AWS surroundings.

## ELIGIBILITY CRITERIA

- ✓ Aspirants need not meet any requirements to pursue Amazon ECS Training Course. However, having prior knowledge is beneficial.

## WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to understand ECS can enroll in the Amazon ECS Training course.

# AMAZON ECS CERTIFICATION ADVANTAGES



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Amazon ECS Training

## Lesson 01 – Get Started with Amazon ECS

- |    |   |
|----|---|
| 1. | Introduction to Amazon ECS                    |
| 2. | Docker Basics for Amazon ECS                  |
| 3. | Getting Started with Amazon ECS Using Fargate |

## Lesson 02 – AWS Fargate

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|----|------------------------------|
| 1. | AWS Fargate Platform Version |
|----|------------------------------|

# Syllabus of Amazon ECS Training

## Lesson 03 – Amazon ECS Cluster

1.	Creating a Cluster
2.	Scaling a Cluster
3.	Updating Cluster Settings
4.	Deleting a Cluster

## Lesson 04 – Amazon ECS Task Definitions

1.	Application Architecture
2.	Creating a Task Definition
3.	Task Definition Parameters
4.	Amazon ECS Launch Types
5.	Working with GPUs on Amazon ECS
6.	Using Data Volumes in Tasks
7.	Task Networking
8.	Using the AWSlogs Log Driver
9.	Custom Log Routing
10.	Private Registry Authentication for Tasks
11.	Specifying Sensitive Data
12.	Update and Deregistering Definition



# Syllabus of Amazon ECS Training

## Lesson 05 – Explore Account Settings

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|----|---------------------------|
| 1. | Viewing Account Settings  |
| 2. | Modifying Account Setting |

## Lesson 06 – Amazon ECS Container Instance

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|-----|--|
| 1.  | Amazon ECS-Optimised AMI's                   |
| 2.  | Retrieving Amazon ECS-Optimised AMI Metadata |
| 3.  | Launching a Container Instance               |
| 4.  | Bootstrap Container Instances                |
| 5.  | Elastic Network Interface Trunking           |
| 6.  | Connect to your Container                    |
| 7.  | CloudWatch Logs                              |
| 8.  | Deregister Container Instance                |
| 9.  | Container Instance Draining                  |
| 10. | Memory Management                            |
| 11. | Managing Container Swap Space                |
| 12. | Manage Container Instances Remotely          |

# Syllabus of Amazon ECS Training

## Lesson 07 – Container Agents

1.	Installing Amazon ECS Container Agent
2.	Container Agent Version
3.	Updating Amazon ECS Container Agent
4.	Amazon ECS Container Agent Configuration
5.	Private Registry Authentication for Container Instance
6.	Automated Task and Image Cleanup
7.	Container Metadata File
8.	Task Metadata Endpoint
9.	Amazon ECS Container Agent Introspection
10.	HTTP Proxy Configuration

## Lesson 08 – Scheduling the Amazon ECS Task

1.	Task Placements: Strategies, Constraints and Cluster Query Language Scheduled Task (Cron)
2.	Task Lifecycle, Retirement and Fargate Task Maintenance
3.	Task Lifecycle, Retirement and Fargate Task Recycling

# Syllabus of Amazon ECS Training

## Lesson 09 – Overview of Services

1.	Service Definition Parameters
2.	Deployment Types
3.	Service Load Balancing
4.	Service Discovery
5.	Service Throttle Logic

## Lesson 10 – Monitoring Amazon ECS

1.	Monitoring Tools
2.	CloudWatch Metrics and Events
3.	CloudWatch Container Insights
4.	Logging Amazon ECS API Calls with CloudTrail

# Syllabus of Amazon ECS Training

## Lesson 11 – Security in Amazon Elastic Container Service

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|----|--------------------------------------|
| 1. | Identity and Access Management       |
| 2. | Logging and Monitoring in Amazon ECS |

## Lesson 12 – Amazon ECS Command Line Interface

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|----|--|
| 1. | Installing and Configuring the Amazon ECS CLI                                |
| 2. | Migrating Configuration Files  |
| 3. | Creating a Cluster with a Fargate Task and EC2 Task using the Amazon ECS CLI |

## Exam Format of Amazon ECS Certification

Examination Format	
Exam Name	Amazon ECS Exam
Exam Format	Multiple Choice
Total Questions & Duration	30 Questions, 1 Hour
Passing Score	Minimum passing score of 70%
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for Amazon ECS, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the Amazon ECS exam.

# Contact Us

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<https://unichrone.com/>

