

# MICROSERVICES ARCHITECTURE CERTIFICATION

As per International Standards



## UNICHROME

# Unichrone Training **Advantages**

- ✓ 1 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
- ✓ Microservices Architecture Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Microservices Architecture 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

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FINANCIAL PRODUCT MANAGEMENT

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أراسكو

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AMERICAN MEDICAL  
ASSOCIATION

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group

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Atos

LEAR  
CORPORATION



## Importance of Microservices Architecture Training

- ✓ Microservices Architecture Certification validates expertise in designing, building, and deploying scalable and resilient applications using the microservices approach. It demonstrates a thorough understanding of key concepts, including service decomposition, API design, inter-service communication, and distributed data management. Individuals holding Microservices Architect Certification possess a deep understanding of the principles and practices associated with microservices. Such professionals can effectively contribute to development of complex systems by leveraging benefits of this architectural style.
- ✓ Microservices Architecture Training offers boosts the acquaintance with Microservices Architecture and its components. Individuals learn about the domain and event-driven architecture. They can improve their level of consciousness on all key topics like concepts of domain-driven design and bounded context. It aids aspirants with detailed information on developing a new signaling system and scenario of green field application. The course helps professionals understand the size of a microservice, its modularization, and its infrastructure. It helps professionals with immense knowledge of the framework of individual microservices and its advantages.

## ELIGIBILITY CRITERIA

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

## WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills in Microservices Architecture can enroll in the Microservices Architecture Training course.

# Microservices Architecture CERTIFICATION ADVANTAGES



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Microservices Architecture Training

## Lesson 01 – Overview of Microservices

- |    |                              |
|----|------------------------------|
| 1. | What is a Microservice?      |
| 2. | Components of a Microservice |

## Lesson 2 – Why Microservices?

- |    |   |
|----|---|
| 1. | Why Microservice Architecture is Important? |
|----|---|

# Syllabus of Microservices Architecture Training

## Lesson 03 – Microservices Scenarios

1.	Developing A New Signaling System
2.	Scenario of Greenfield Application

## Lesson 04 – Size of a Microservice

1.	Modularization
2.	Distributed Communication
3.	Refactoring
4.	Infrastructure
5.	Replaceability



# Syllabus of Microservices Architecture Training

## Lesson 05 – Conway's Law

1.	Conway's First Law
2.	Conway's Second Law
3.	Conway's Third Law
4.	Conway's Fourth Law

## Lesson 06 – Domain-Driven Design and Bounded Context

1.	Domain-Driven Design (DDD)
2.	Ubiquitous Language
3.	Building Blocks
4.	Bounded Context
5.	Large-Scale Structure

# Syllabus of Microservices Architecture Training

## Lesson 07 – Microservices and SOA

1.	Introduction to SOA
2.	Architecture of SOA
3.	SOA vs Microservices

## Lesson 08 – Microservice-Based System Architecture

1.	Domain Architecture
2.	Architecture Management
3.	Growing Microservice-Based Systems
4.	Event-Driven Architecture
5.	Technical Architecture
6.	Load Balancing
7.	Scalability
8.	Security

# Syllabus of Microservices Architecture Training

## Lesson 09 – Integration and Communication

1.	Integration and Communication
2.	Web and UI
3.	Representational State Transfer (REST)
4.	SOAP and RPC
5.	Messaging and Messaging Technology
6.	Data Replication
7.	Internal and External Interfaces

## Lesson 10 – Architecture of Individual Microservices

1.	Background
2.	What Exactly is Micro Services?
3.	Advantages of Micro Services
4.	Helpful Tips

# Syllabus of Microservices Architecture Training

## Lesson 11 – Testing Microservices

1.	Types of Testing
2.	Testing the Overall System
3.	Testing Legacy Applications
4.	Testing Individual Microservices

## Lesson 12 – Technologies for Nanoservices

1.	Nanoservices
2.	Amazon Lambda
3.	OSGi
4.	Java EE
5.	ERLANG
6.	SENECA

# Exam Format of Microservices Architecture Certification

Examination Format	
Exam Name	Microservices Architecture 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 Microservices Architecture, 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 Microservices Architecture exam.

# Contact Us

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<https://unichrone.com/>

