



Information Technology

Certified Observability Engineer Training

Course Introduction

The Certified Observability Engineer Training is designed to equip participants with the necessary knowledge and skills to become proficient in observability engineering. This comprehensive course will provide a deep understanding of observability principles, tools, and best practices, enabling participants to effectively monitor, analyze, and troubleshoot complex systems.

Target Audience

This course is suitable for individuals who are interested in enhancing their skills in observability engineering.

It is particularly beneficial for:

- System Administrators and SREs (Site Reliability Engineers)
- DevOps Engineers
- Software Developers
- IT Operations Professionals
- Technical Managers and Team Leads

Learning Objectives

- Understand the fundamentals of observability and its importance in modern systems.
- Gain knowledge of various observability techniques and methodologies.
- Learn about different observability tools and technologies used in the industry.
- Develop skills to design and implement observability solutions for complex systems.
- Acquire proficiency in analyzing and interpreting observability data to identify issues and improve system performance.

- Explore advanced topics in observability, such as distributed tracing and anomaly detection.
- Prepare for the Certified Observability Engineer certification exam.

Course Outline

- **Day 01**

Module 1: Introduction to Observability

- Understanding Observability: Concepts and Principles
- The Role of Observability in Modern Systems
- Observability vs. Monitoring: Key Differences
- Benefits and Challenges of Implementing Observability

Module 2: Observability Tools and Technologies

- Logging: Log Management and Analysis
- Metrics: Collecting and Analyzing System Metrics
- Tracing: Distributed Tracing Techniques
- APM (Application Performance Monitoring) Tools
- Synthetic Monitoring and Real User Monitoring (RUM)

- **Day 02**

Module 3: Implementing Observability Solutions

- Designing an Observability Strategy
- Instrumentation: Adding Observability to Applications and Infrastructure
- Data Collection and Storage
- Visualization and Dashboarding
- Alerting and Incident Response

• Day 03

Module 4: Analyzing Observability Data

- Log Analysis and Search Techniques
- Metrics Analysis and Visualization
- Tracing Data Analysis and Troubleshooting
- Correlation and Root Cause Analysis
- Anomaly Detection and Predictive Analytics

• Day 04

Module 5: Advanced Observability Topics

- Observability in Microservices and Distributed Systems
- Observability for Cloud-Native Applications
- Observability at Scale: Challenges and Best Practices
- Observability Security and Privacy Considerations
- Future Trends and Emerging Technologies in Observability

• Day 05

Module 6: Exam Preparation

- Overview of the Certified Observability Engineer Certification Exam
- Sample Questions and Practice Exercises
- Exam Tips and Strategies.

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 28, 2025	May 2, 2025	5 days	4250.00 \$	UAE - Dubai
May 26, 2025	May 30, 2025	5 days	4950.00 \$	England - London
July 21, 2025	July 25, 2025	5 days	4950.00 \$	England - London
Dec. 29, 2025	Jan. 2, 2026	5 days	4250.00 \$	UAE - Dubai