Sign up

Training OpenTelemetry Certified Associate (OTCA)

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

2 days (14 hours)

Presentation

Our preparation for OpenTelemetry Certified Associate® (OTCA) certification. will enable you to exploit telemetry data quickly. With this certification, prove your skills using OpenTelemetry, the industry standard for tracking, metrics and logs.

The exam will review all OpenTelemetry knowledge and allow you demonstrate your observability expertise. Play a key role in modern DevOps or platform engineering.

Our preparation will provide you with all the elements you need to pass the exam. You'll learn all the strategies and best practices to validate your OTCA® certification. Our trainer will tailor the course to your needs, or if there are certain points that require special attention on your part.

The exam will run on version 1.48, the latest release of OpenTelemetry.

Objectives

- Be ready to take the OTCA® exam
- Get up and running with cloud-native security
- Get up to speed on Kubernetes security

Target audience

- **Devops**
- Network administrators

Prerequisites

- No prerequisites

MATERIALS REQUIRED

- A good Internet connection
- OpenTelemetry installed

Note: Ambient IT is not the owner of OTCA®, this certification belongs to The Linux Foundation®.

Program for our OpenTelemetry Certified Associate (OTCA) preparation course

Basic principles of observability

- Telemetry data
- Semantic conventions
- Instrumentation
- Analysis and results

OpenTelemetry API and SDK

- Data model
- Composability and extension
- Configuration
- Signals (tracing, metric, log)
- SDK pipelines
- Context propagation
- Agents

The OpenTelemetry collector

- Configuration
- Deployment
- Scaling
- Pipelines
- Transforming data

Maintenance and debugging of observability pipelines

- Context propagation
- Pipeline debugging
- Error management
- Schematics management

STRATEGY AND METHODS FOR PASSING THE MOCK EXAM

EXCHANGE ON SPECIFIC POINTS

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.