Course : Dynatrace, monitoring application performance

Practical course - 3d - 21h00 - Ref. DYA
Price : 2460 CHF E.T.

★★★★☆ 4,3 / 5

NEW

Dynatrace is a platform that covers the three pillars of observability. It enables companies to monitor, analyze and optimize the performance of their IT systems, applications and cloud infrastructures. This training course will teach you how to collect information via the Dynatrace OneAgent agent or others (OpenTelemetry, Exporter...). But you'll also learn how to classify them according to your organization, and how to use AI to identify and notify incidents and their root cause more quickly.

◎ Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand Dynatrace's architecture to be able to monitor an on-premise, cloud or hybrid environment...
- ✓ Understand how OneAgent works and harness its power
- ✓ Understanding and implementing end-to-end monitoring
- ✓ Understanding and implementing user experience monitoring (DEM, RUM, Synthetic)
- ✓ Administering and monitoring a Dynatrace cluster

Intended audience
CTO, COO, technical project managers, application managers, operations managers, technical administrators.

Prerequisites
Basic knowledge of development and administration of Windows or Linux/Unix operating systems.

Course schedule

1 Dynatrace

- Introducing observability.
- Introducing Dynatrace.
- Dynatrace architecture.
- Pay attention to the notions of version and deployment in Dynatrace.

Hands-on work
Getting to grips with the interface

2 Data collection and classification

- Setting up the collection system.
- Extensions.
- The Dynatrace operator.
- Understand the difference between tags and properties.
- Understand the notion of entity selector.
- Multi-tenant management.
- Multi-level configuration: local, hostgroup, environment.

Hands-on work
Deploying and configuring OneAgent.

3 Applications to master for analysis

- Smartcape Topology.
- Metrics and Data Explorer.
- Problem.
- Multidemensional analysis versus waterfall analysis.
- Distributed traces.

Hands-on work
Create my first dashboard.

4 Real user monitoring (RUM)

- Presentation of DEM, RUM.
- Apdex versus Core Web Vitals.
- RGPD management in Dynatrace.
- Self-injection versus other injection methods.
- Application analysis.
- Analysis of user sessions with or without replay.
- Get to grips with the USQL language.

Hands-on work
Build USQL queries.

5 Surveillance with robots (Synthetic)

- Introducing synthetic monitoring.
- HTTP Monitor versus Browser Monitor.
- Monitoring from remote locations.

Hands-on work
Setting up a scenario.

6 **Interactions between Dynatrace and other tools**

- Getting to grips with the Dynatrace API.
- The power of events in Dynatrace.
- How to choose between Monaco and Terraform.

Example

Event management with Jenkins CI/CD tool.

Dates and locations

REMOTE CLASS
2026 : 23 Mar., 15 June, 28 Sep., 7 Dec.