

Course : Dynatrace, industrializing log management

Practical course - 3d - 21h00 - Ref. DYB

Price : 2460 CHF E.T.

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 logs on your infrastructure via the Dynatrace OneAgent agent or others (OpenTelemetry, logstash...), classify them according to your organization, use AI to identify and notify incidents more quickly and, most importantly, root cause them.

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 to exclude/include, parse... log files
- Understanding correlation in Dynatrace: from trace to log
- Go beyond the three pillars with the Grail data lakehouse
- Manage and monitor Dynatrace environments with the Monaco tool

Intended audience

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

Prerequisites

Basic knowledge of development. Basic knowledge of Windows or Linux/Unix operating system administration.

Course schedule

PARTICIPANTS

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

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TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

1 Introduction

- 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 Log monitoring

- Log source management.
- Rules of ingestion.
- Protection of sensitive data.
- Timestamp management.

Hands-on work

Setting up a collection system.

4 Log enrichment

- Understand why logs need to be enriched (processing rule).
- Use and adapt existing rules.
- Create your own rules.

Hands-on work

Setting up personalized enrichment.

5 Go even further with the Grail data lakehouse

- Introducing Grail.
- Get to grips with the Logs and Events application.
- Understand the structure of DQL queries.
- Best practices for DQL queries.

Hands-on work

Precise data extraction with Data Query Language (DQL).

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

6 Industrialize your Dynatrace configurations with Monaco

- Set up configuration backups.
- Automate the creation of management zones.
- Creation of templates to empower project teams.
- Monaco's limits.

Example

Managing your cluster with Monaco.

Dates and locations

REMOTE CLASS

2026: 16 Mar., 8 June, 21 Sep., 30 Nov.