

Updated on 05/11/2025

Register

Datadog Training

2 days (14 hours)

Overview

[Datadog](#) is infrastructure monitoring software for businesses. This monitoring platform for cloud-based applications provides tools for monitoring servers and databases.

This Datadog training will enable you to monitor logs and metrics by offering Application Performance Management (APM) services.

Your team will be able to obtain more information about bugs and install and configure a Datadog agent. They will also be able to define different alerts and means of communication in the event of an incident.

Datadog allows you to monitor logs and metrics while offering Application Performance Management (APM) and metric correlation services. In addition, Datadog adapts to traditional infrastructures as well as serverless infrastructures.

After this training, you will be able to install and configure Datadog and understand its architecture. Like all our training courses, this one will introduce you to the latest [stable version](#) and its new features, Datadog Version 7.

Objectives

- Understanding Application Performance Management (APM) Concepts
- Understanding the Datadog ecosystem
- Monitor, optimize, and scale applications on-premises and in the cloud

Target audience

- System administrators
- DevOps
- Infrastructure engineers
- Application managers
- Incident managers
- Load testers
- Developer

Prerequisites

- Understanding of general IT and monitoring concepts
- Have an account on Datadog

Our Datadog training program

Introduction to monitoring

- Definitions, objectives
- Overview of solutions on the market
- General functioning of a monitoring solution (agent, costs, etc.)
- The three key concepts: logs, APM, metrics:
- Understanding concepts and use cases
- Ability to challenge the status quo and identify needs

Logs

- Definition, generation, and associated metadata
- Exploration of search tools (e.g., ELK)
- Use of logs for diagnostics.

APM

- Vocabulary and instrumentation principles
- Reading flame graphs, trace analysis, and customization

Metrics

- Distinguishing between default and custom metrics
- Using metrics for application and business monitoring

- **Other concepts: events, monitors, alerting, SLO --> Introduction to knowing how to use them when needed**
- Integrating observability into the development cycle: organizational impacts
- Theory and practice of dashboarding:
- Reading dashboards and searching for information in an existing solution.
- Identifying the main causes of performance or service degradation
- Introduction to other related topics (RUM, synthetic testing, automatic monitoring, etc.).

Companies concerned

This training is intended for both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology or to acquire specific business knowledge or modern methods.

Positioning at the start of training

The placement test at the start of training complies with Qualiopi quality criteria. Once they have finalized their registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

Organization

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

Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training course.