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Sign up

APM Training: Ensure the performance of your applications

1 day (7 hours)

Presentation

Our introductory course on APM (Application Performance Monitoring) will enable you to [monitor the performance of your applications](#). APM tools are the service of choice for keeping your IT systems running smoothly. During this training course, we will demystify all the technical jargon associated with APM, so that you can use these tools correctly. You'll learn in depth about the definition of traces, spans and KPIs. You'll learn which KPIs are important to measure in order to guarantee high availability. We'll also teach you how to understand the basics of a functional architecture and how to maintain DevOps within your organization. We'll finish with a presentation of the best APM tools, detailing their different functionalities and the [selection criteria](#) to bear in mind. We'll be happy to answer any questions you may have.

Objectives

- Understanding the fundamentals of APM
- Understanding the benefits of good monitoring
- Defining an effective architecture for APM
- Understanding the link between DevOps and APM
- Evaluate and choose your APM tool

Target audience

- CTO
- Operations Manager
- Product Manager
- Product Owner
- Architect

Prerequisites

Computer literacy is appreciated.

Our APM training program

Common core

- What is APM?
- APM glossary
- Services presentation
- Trace presentation
- What are spans?
- The different types of span
- Key KPIs

Why use APM?

- The basics of application weather
- Which KPIs are most important?
- Application availability
- The benefits of end-to-end monitoring

Architecture

- Agent operation (Brief description of information collection)
- The difference between On Prems and SaaS
- Application connection
- License

DevOps and APM

- The declarative monitoring model vs. self-discovery application
- Cloud + DevOps + APM: the foundations of a virtuous circle
- The need for flexibility, with increased intolerance of service interruptions
- APM, the ultimate method for streamlining tools and merging skills

Demonstrations

- Dashboard based on C/A
- User
- Customer satisfaction

- Application availability rate

Introducing the new tools

- Best practices for choosing your tool
- New Relic vs Dynatrace vs AppDynamics

Questions and answers

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.

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, with 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.