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Sign up

Sysdig training: Container monitoring

2 days (14 hours)

Presentation

The Sysdig training course will immerse you in the fascinating world of container monitoring, with a strong emphasis on learning. You'll develop solid expertise in implementing advanced monitoring solutions for [containerized environments](#).

During this training course, you'll acquire the skills you need to create customized monitoring dashboards, set up proactive alerts and take full advantage of Sysdig's powerful features to ensure the security and performance of your applications.

Sysdig offers unrivalled flexibility in adapting monitoring to your specific needs, enabling you to exploit the full potential of your containers.

This Sysdig training course will enable you to optimize your use of Sysdig to improve the security, performance and reliability of your containerized applications.

As with all our training courses, this one will introduce you to the [latest Sysdig resources](#).

Objectives

- Container monitoring with Sysdig
- Understanding security threats specific to containerized environments
- Optimizing the performance of containerized applications
- Integrating Sysdig into CI/CD pipelines

Target audience

- DevOps
- Developers
- System administrators

Prerequisites

A basic understanding of concepts related to containerization, Kubernetes and software development tools is recommended.

Our Sysdig training program

Introduction

- Introducing Sysdig
- What is Sysdig?
- The importance of container safety
 - Today's security challenges for containerized applications

Sysdig fundamentals

- The basics of container monitoring
- Installing and configuring Sysdig
- Exploring the Sysdig interface
 - Discovering the user interface
 - Main features
- Create customized dashboards
- Analysis of key metrics
- Alert management
 - Alert configuration
 - Incidents

Container safety

- Security threats in containerized environments
- Security configuration
- Safety monitoring
- Audit and compliance
 - Regulations
 - Best practices

Performance optimization

- Container performance analysis
 - Identifying bottlenecks

- Optimizing resources
- Application performance analysis
- Advanced use cases

Integration into the development cycle

- Integrating Sysdig into CI/CD pipelines
- Action automation
 - Automatic response to alerts
- Using data to improve application quality

Specific applications

- Multi-cloud deployment
- Kubernetes monitoring
- Distributed applications
 - Special features
- Custom plug-in development
- Forensic analysis
- Advanced automation
 - Create automated workflows

Companies concerned

This training 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 which enables 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 for 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, 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.