Sign up

Rundeck training: Runbook automation

2 days (14 hours)

Presentation

Our Rundeck training course will introduce you to the use of this powerful operations and automation management tool to simplify control of your IT infrastructures and processes.

Rundeck will provide you with a flexible platform for automating operations, executing tasks, managing workflows and orchestrating processes.

This tool facilitates DevOps practices, so you can perform operational tasks securely, and reduce the gap between your development and operations teams, enabling efficient execution.

During our course, you'll be able to implement continuous integration of your deployments and guarantee a more reliable and resilient infrastructure.

The training will be presented with the latest version of Rundeck, version 4.17.

Objectives

- Ensure the security of your operations with advanced access rights management
- Create and schedule automated tasks
- **Workflow management** for smooth execution
- Integrate Rundeck with other tools for complete automation
- Customize Rundeck to your specific needs

Target audience

- System and network administrators
- Developers

- IT professionals
- DevOps engineers

Prerequisites

- Basic knowledge of Linux/Unix operating systems
- Understanding of IT operations management concepts

Our Rundeck training program

Tool presentation

- Introducing Rundeck and its benefits
- History and development of Rundeck
- Benefits
- Setting up the environment
- First steps

Cluster presentation

- Process automation architecture
- Load Balancer
- Automatic control
- Reverse proxies
- Remote work execution

Task and job management

- Automated task creation
- Understanding jobs
- Controlling and monitoring jobs in progress
- Planning and scheduling
- Variables and advanced options
- Troubleshooting and error management

Security and access management

- Configuring access rights
- User and team management
- Integration of external authentication
- Safety strategies
- Audit and activity logs
- Integrated users/roles
- User manager password security

- SSL configuration
- Graphical LCD strategy interface

Advanced automation

- Integration of scripts and plugins
- Create complex workflows
- Use of external variables and data
- Custom plug-in development
- Multi-step workflow automation

Integration and scalability

- Rundeck API for automation
- Integrating Rundeck with other tools
- Using webhooks for notification
- User interface customization
- Use cases

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.

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 enabling 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 with regard to 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 is used to check correct acquisition.

skills.

Sanction

A certificate will be issued to each trainee who completes the course.