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Talend Cloud Administration training

2 days (14 hours)

Presentation

Learn how to configure all Talend Cloud components with our Talend Cloud Administration course.

Our unique training course will introduce you to all the possibilities offered by the tool, from full cloud and hybrid architectures to securing your data. You'll learn all about Talend's different solutions (Talend Cloud and Talend On-premise, or Talend Free and Talend Paid).

We'll teach you how to master the management console, prepare your data and configure your infrastructure for your specific needs. We'll also teach you how to manage contexts, developments and publish jobs.

At the end of this course, you'll know how to install and configure Talend Cloud in accordance with best practices. As with all our training courses, this one will introduce you to the latest stable release: Talend 8.

Objectives

- Understanding the key differences between Talend Cloud and Talend On-premise
- Know how to configure and administer Talend Cloud, including user and group management
- Acquire advanced skills for developing, planning and managing tasks with Talend Cloud
- Integrate Git and context management best practices into your workflow

Target audience

- Data engineers
- Developers
- System administrators
- Database administrators

Prerequisites

- Basic knowledge of cloud concepts
- Have completed our Talend DI training course or master the entire program

Installation requirements

- Access to our Azure machines via Remote Desktop (RDP)
- A few days before the session, you will need to create a 14-day trial account (typically from your Gmail), in order to be able to carry out the practical work in the same Talend Cloud environment.

Talend Cloud Administration training program

Introduction

- Talend products and license hierarchy overview
- Talend Cloud vs Talend On-premise
- Talend license version vs. Talend free version

Talend Cloud overview

- Full cloud and hybrid architecture
- Security with Talend Cloud
- Talend Cloud geographical zones
- Talend Cloud releases
- Talend Cloud components
  - Talend Management Console
  - Talend Cloud Data preparation
  - Talend Cloud Data Stewardship
  - Talend Pipline Designer
  - Talend Remote Engine vs. Cloud Engine
  - Tokens with Talend Cloud

Installing and configuring Talend Cloud

- Prerequisites: Java, Git
- Setting up Talend Management Console (TMC)
  - Users and user groups
  - Environment
  - workspace
  - Promotions
  - Remote engine and remote engine cluster declaration
- Installing and configuring remote engine

- Installing and configuring Talend Studio version 8

Operations with Talend Cloud

- Context management (Talend studio and TMC)
- Develop and publish a job in TMC
- Artifact and task management in TMC
- Connection management
- Promotions management
- Construction drawing management
- Scheduling tasks and plans in TMC
- Create tasks
- TMC execution log management

Additional information

- Git best practices with Talend
- Context management best practices with Talend cloud
- Theoretical presentation CI/CD with Talend Cloud: Architecture, prerequisites.

Further information

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 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.