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Talend Cloud Certified Administrator

Add-On

Talend certification exams measure candidates' skills to ensure that they have the knowledge to successfully implement quality projects. Preparation is critical to passing.

This certification exam covers Talend Cloud administration and migration from Talend on-premises products to Talend Cloud.

Topics include, but are not limited to, Talend Cloud architecture and applications, user management in Talend Cloud, deployment and scheduling, Remote Engines, managing and promoting environments and workspaces, managing Git projects, and administrating migration from Talend on-premises products to Talend Cloud.

Certification exam details

Exam content is updated periodically. The number and difficulty of questions may change. The passing score is adjusted to maintain a consistent standard, for example, a new exam version with more-difficult questions may have a lower passing score.
Approximate number of questions: 45
Time limit: 55 minutes
Types of questions:
- Multiple choice
- Multiple response

Note: In multiple response questions, no points are given for partially correct answers.

Recommended experience

- At least six months of experience using Talend products
- Experience with Talend Cloud administration, architecture, and applications
- Thorough knowledge of Talend Management Console
- Experience of migration from on-premises to Talend Cloud

Preparation

To prepare for this certification exam, Talend recommends:
- Taking Talend Cloud Essentials and Talend Cloud Administration learning plans
- Taking Talend Cloud hands-on migration use case
- Studying the training material in the Talend Cloud certified administrator preparation training module
- Reading the product documentation and Community Knowledge Base articles

Badge

After passing this certification exam, you are awarded the Talend Cloud Administrator Certified Practitioner badge. To know more about the criteria to earn this badge, refer to the Talend Academy Badging program page.

Ready to register for your exam?

Connect to Talend Exam to register.

Certification exam topics

Overview of Talend Cloud
- Explain the role of Talend Cloud in data ecosystems (including third-party software)
- Explain the architecture of Talend Cloud (including Talend Management Console public API)
- Differentiate between the various Talend Cloud applications (API Designer, API Tester, Data Preparation, Data Stewardship, Pipeline Designer, and Data Inventory)
- Describe the purpose of Talend Studio in a Talend Cloud environment

User management and authentication
- Manage profile preferences
- Manage users, roles, and groups
- Manage projects and authorizations
- Define login options
- Generate, use, and manage personal access tokens
- Apply authentication methods (SSO, MFA, and IAM)

Manage environments and workspaces using Talend Management Console
- Create and manage a workspace
- Create and manage an environment
- Promote an environment

Publish and manage artifacts
- Differentiate between artifacts
- Connect Talend Studio to Talend Cloud
- Publish to Talend Cloud from Talend Studio (including correct Job builds, API endpoint about microservice)
- Publish a pipeline from Pipeline Designer
- Manage artifacts and versions

Connections and resources
- Create native and custom connections
- Manage resources

Execution engines
- Choose the types of execution engines (Remote Engine, Remote Engine for cluster, Remote Engine for Pipelines,
- and engine tokens)
- Create and pair a Remote Engine
- Deploy Remote Engine to AWS and Azure
- Create standard and advanced run profiles

Execution in Talend Management Console
- Create a task and configure its execution
- Create a plan and configure its execution
- Monitor executions (logs, deployment ports, and where service is deployed)
- Use context variables
- Execute a Job on a Remote Engine from Talend Studio

Project management and source control
- Create a remote connection
- Configure a Git project in Talend Management Console
- Work with Git in Talend Studio
- Configure an artifact repository to store external libraries

Migrate on-premises to cloud

- Compare Talend Cloud and on-premises architecture
- Migrate on-premises users to Talend Cloud
- Migrate projects and Jobs
- Outline the steps for migration
- Migrate environments (engines, tasks, and scheduling)
- Map context variable parameters in Talend Cloud