Updated 04/11/2024

Sign up

Terraform Associate Certification Training

ALL-IN-ONE: EXAM INCLUDED IN PRICE   2 days (14 hours)

Presentation

Configure a complete cloud infrastructure and demonstrate your expertise in creating resource management automation. Terraform Associate certification for engineers will help you prove your skills.

The exam will review the fundamental concepts of Terraform. We'll go back over the various modules present on the certification: the different variables, providers and other functionalities.

This course will introduce you to all the elements present during the exam. You'll learn strategies and best practices for passing your **Terraform Associate** for Engineers certificate. Our trainer will adapt his course if you wish to have certain points discussed in greater detail.

As with all our training courses, this one will introduce you to the latest version: Terraform 1.3.

Objectives

- Be ready to pass the Hashicorp Terraform Associate exam
- Mastering the main tasks of a Terraform engineer
- Deploying dynamic infrastructures

Target audience

- Developers

- Architects
- System and network administrators
- DevOps
- Cloud engineers

Prerequisites

Experience with Terraform or have taken our Terraform training course.

Software requirements

Have a Hashicorp account.

Terraform Associate Certification Preparation Program

INTRODUCTION

- The course
- Introduction Terraform
- The different functions
- Variables

INSTALLATION

- Folder installation
- Installation on Windows/Linux/Mac
- AWS
    - Creating an AWS account
    - IAM User creation

TERRAFORM

- Providers
    - Provider type
    - Initiation
    - API's and Terraform
    - Vault Provider
    - Plugins
- Resources

- Attributes
- Outputs
- The various data
- Variables
  - Maps
  - Lists
  - Strings
  - Numbers
  - Boolean
  - Input
- Count
  - Count Index
- Conditional expression
- Functions
- Dynamic blocks
- The modules
- Workflow
- Commands

Strategy and methods for exam success

Mock exam

Exchange on specific points

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.