

Updated on 29/11/2023

Sign up

# Vultr training: deploy a cloud architecture in 1 click

2 days (14 hours)

## Presentation

Our 2-day Vultr Cloud training course will enable you to deploy and monitor a cloud architecture featuring particularly resilient 100% SSD storage. This course will teach you how to configure Vultr for your organization and deploy machine learning workflows. **Vultr Cloud is** a one-click solution for hosting cloud services and infrastructures. With its particularly attractive and reliable performance, Vultr is used today by over 13,000 companies of all sizes. In this training course, you'll learn how to use **Vultr** to deploy your cloud infrastructure and services. You'll learn how to configure your Vultr solution to optimize performance and ensure maximum availability for your environment. You'll also learn how to deploy a machine learning workflow.

## Objectives

- Configuring the Vultr host
- Deploying a cloud infrastructure
- Setting up a machine learning workflow

## Target audience

- System administrators
- System engineers
- Machine learning engineers

## Prerequisites

- Familiarity with network infrastructures

- Machine learning basics

## Our Vultr training program

### Cloud Architecture

- **Cloud computer**
- Bare Metal
- Block storage
- Dedicated Cloud

### Account settings

- Authentication and security
- Products
- Bodies
- Snapshots
- ISO
- Scripts

### Object storage

- Block Storage
- Objects
- Firewall
- Network
- Load Balancers

### Server configuration

- Deploying a new instance
- Server rental
- Server types
- Advanced configuration

### Startup Script

- SSH keys
- Server hostname and label

## Login

- Install PuTTY
- Configuring PuTTY

## Rental

- Data Center
- Network information
- Ping
- IP address host

## Deploying a deep learning model

- Prerequisites
- SSH connection
- Installing libraries
- GPU and availability
- Kagle
- Model configuration

## Configuring a Tensorflow workspace

- Prerequisites
- GPU availability
- Deploying a temporary workspace
- Deploying a persistent workspace

## 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 learning difficulties.

in-company security (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.