

Docker Containerization Essentials

Durée: 1 Jour **Réf de cours: CN100** **Méthodes d'apprentissage: Virtual Learning**

Résumé:

In this course, you'll learn how to create and manage individual containers using the Docker Engine. We'll cover best practices in container image design and container deployment and auditing, as well as an introduction to single-node container networking and storage. This course is best practices focused, and is designed to enable rapid successful adoption of containerization from first principles.

Public visé:

This course is targeted at students with the following:

Motivations: Begin creating high performance containers for new or existing applications

Roles: General technical audiences & IT professionals

Objectifs pédagogiques:

- Containerization motivations and implementation
- Creating, managing and auditing containers
- Best practices in container image design
- Single-host container networking
- Provisioning external storage

Pré-requis:

Familiarity with the bash shell

- Filesystem navigation and manipulation
- Command line text editors like vim or nano
- Common tooling like curl, wget and ping

Après cette formation, nous vous conseillons le(s) module(s) suivant(s):

- CN110 - Docker Swarm Application Essentials
- CN120 - Kubernetes Application Essentials

Contenu:

Modules

- Introducing Docker
- Containerization Fundamentals
- Creating Images
- Docker Volumes

Docker networking basics

Lab Requirements

- Laptop with WiFi connectivity
- Attendees should have the latest Chrome or Firefox installed, and a free account at strigo.io.

Autres moyens pédagogiques et de suivi: