



Workshop Mesos Fundamentals

Devops

- **Nível:**
 - **Duração:** 21h
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Sobre o curso

The course is designed to take you from no knowledge of systems management using Apache Mesos to being able to automatically build and deploy a complete cluster running Apache Mesos, Marathon, Mesos DNS, Chronos, Docker and Ansible.

Esta formação é ministrada em Inglês.

Em parceria com a entidade acreditada:



Pré-requisitos

- Need to be familiar with the core ideas of datacenter administration
 - Need a basic knowledge of Python or a similar programming language
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Programa

Day 1

- Introduction
- Understanding use case
- Understanding architecture
- Understanding components
- Installing Mesos

- Installing Marathon
- Using Apache Mesos
- Using Mesos GUI
- Using the Marathon GUI
- Deploying Application on Marathon using CLI

Day 2

- Deploying Application on Marathon using API Deploying Docker Applications on Mesos
- Creating a slave machine
- Multimaster setup
- Multi Master Multi Slave setup
- Deploying tomcat on Mesos
- Exposing an application on publicly accessible port Implementing DCOS
- Installing DCOS CLI
- Application deployment & management using DCOS CLI

Day 3

- Introduction to Marathon Load Balancer
- Running applications with load balancing in Marathon Understanding Virtual Hosts
- Logging
- DCOS Universe & Package Management
- Dashboard monitoring
- API based monitoring
- Launching application on DCOS public agent Configuring Jenkins on DCOS
- CI/CD on DCOS