

## Workshop Puppet Fundamentals

- **Formato do curso:** Live training
- **Preço:** 935€
- **Duração:** 14 horas

The Puppet Fundamentals online training is intended for students just starting out with Puppet. This course is designed to get you up and running with the basics of Puppet quickly and to lay a foundation for building upon.

Some key Puppet features and modules will be explained while you practice hands-on the setup, configuration, provisioning, optimizing and troubleshooting of a collection of servers in our virtual lab environment.

**Esta formação é ministrada em Inglês.**

Em parceria com a entidade acreditada:



### Destinatários

- DevOps engineers
- Linux system administrators
- Infrastructure automation engineers
- Systems design engineers

### Pré-requisitos

Basic Linux administration skills (user management, working with the command line, file permissions, etc.)

### Metodologia

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To attend this course you need to have:

- PC/Laptop with internet access
  - Updated web browser
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## Programa

### **Introduction to Puppet**

- Introduction to Configuration Management
- Push-Based Deployment
- Pull-Based Deployment
- What is Puppet?
- Why Puppet?
- Puppet Architecture
- Lifecycle of a Puppet Run

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### **Installing Puppet**

- Install and configure Puppet Master
- Puppet Agent
- Master/Agent Workflow

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### **The Puppet Language**

- Forge
- Module Structure
- Basics
- The Main Manifest

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### **Module Authoring**

- Hiera
- Files
- Metaparameters
- Templates
- Defined Types

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### **Facts and Factor**

- Overview
- Custom Facts
- External Facts

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## **Profiles and Role**

- Profiles
- Roles

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## **Node Management**

- Groups and Classification
- Adding Groups
- Environments overview
- Using a Control Repo
- The Puppetfile

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## **Bolt**

- Bolt Overview
- Basic Commands
- Running Tasks
- Using Orchestrator with Bolt

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## **Reports and Troubleshooting**

- The Node Graph
- The Report Table
- Filtering Reports
- Troubleshoot communication
- Code Manager

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