

Puppet Fundamentals

2 day or 3 day - £1,200 or £1,800 pp

LINUX
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Learn to manage your infrastructure through the configuration management and orchestration tooling of Puppet



Puppet is a popular and widely deployed tool, allowing businesses to treat their infrastructure as code, and reducing their risk and time-to-recovery.

The Puppet Fundamentals workshop is aimed at engineers who want to learn the infrastructure management tool Puppet. Puppet is a modern-day tool that provides the ability to manage the configuration of thousands of computers, switches and routers, and the ability to coordinate complex actions using orchestration tool MCollective.

Who is this course for?

This course is suited to trainee or current IT Engineers who are looking to learn about Puppet.

Pre-requisites

You'll need to understand basic operating system concepts and Linux console administration, but no knowledge of Puppet is assumed.

Course Outline

Introduction

- Features, tools and comparisons
- Configuration management and orchestration concepts

Puppet Architecture

- Puppet Server
- Certificate management
- Masterless Puppet
- Node classification
- PuppetDB
- ENCs

Custom and External Facts

File Management

Parameterized Classes

Hiera

Roles and Profiles

Language

- Declarations vs Definitions
- Modules
- Manifests
- Classes
- Resource declarations
- Resource types
- Providers
- Relationships

- Autoloading
- Variables
- Data types
- Literal Types
- Variable scope
- Conditionals
- Defined types
- Inheritance
- Templates

Module Management

- Puppet Forge
- Vendor modules

After completion of this course you will understand:

- What Puppet is, and what value it can add to your infrastructure
- Why Puppet is such a popular and widely deployed tool
- How Puppet can help your business treat your Infrastructure as Code
- How Puppet can help reduce risk and time-to-recovery

Register your interest at info@linuxrecruit.co.uk