

DO405 Syllabus

Course Introduction

Introduction to the course.

Identify system administration functions in Puppet

Identify system administration functions in Puppet code.

Puppet architecture

Describe the Puppet architecture and describe a state model.

Implement a Puppet manifest

Build, validate, and deploy a Puppet manifest.

Troubleshoot Puppet manifests

Find documentation and diagnose errors in Puppet manifests.

Implement Git

Implement Git to manage software.

Find information with Facter

View information about systems using Facter.

Implement Puppet modules

Create Puppet modules and implement classes in a manifest.

Implement relationships in a Puppet module

Implement namespaces, relationships, and dependencies in a Puppet module.

Implement variables and conditionals in a Puppet module

Implement variables and conditionals in a Puppet module.

Identify advanced system administration functions in Puppet

Identify advanced system administration functions in Puppet code.

Implement Puppet

Deploy and configure a Puppet master and a Puppet client.

Implement external Puppet modules

Implement Puppet modules from Puppet Forge.

Implement Puppet in a DevOps environment

Implement Puppet in a DevOps environment.

Implement Puppet in Red Hat Satellite 6

Implement Puppet in a Red Hat Satellite 6 environment.