

Training: Red Hat
DO405 Configuration Management with Puppet



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	2000 EUR	4 days
Traditional	CTAB Tablet	2100 EUR	4 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Configuration Management with Puppet (DO405) is designed for system administrators and cloud administrators who intend to implement Puppet as integrated with Red Hat® products in an operations environment or a cloud computing environment.

This course is on **Red Hat Enterprise Linux® 7** and **Red Hat Satellite 6**.

Audience for this course:

- System administrators and cloud administrators responsible for the management of systems and cloud client systems on either **Red Hat Enterprise Linux OpenStack Platform** or **Red Hat Satellite**

CONSPECT:

- 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.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- Have received a [Red Hat Certified Engineer \(RHCE®\)](#) **certification** or have equivalent experience

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.

ADDITIONAL INFORMATION:

Recommended next exam or course:

[**EX405 Red Hat Certificate of Expertise in Configuration Management with Puppet exam**](#)

[**RH403 Red Hat Satellite 6 Administration**](#)