Red Hat Enterprise Linux Automation with Ansible («RH294»)

Après avoir suivi ce cours, vous serez capable d'utiliser Ansible pour des tâches d'automatisation et de gestion de configurations.

Durée: 4 jours
Prix : 3'650.–   excl. 8.1% TVA
Code officiel: RH294

Contenu

Red Hat Enterprise Linux Automation with Ansible and Exam (RH294) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration. You will learn how to install and configure Ansible® on a management workstation; prepare managed hosts for automation; write Ansible Playbooks to automate tasks; and run playbooks to ensure servers are correctly deployed and configured.

Content

Introduction to Ansible

- Describe Ansible concepts and install Red Hat Ansible Engine.

Deploy Ansible

- Configure Ansible to manage hosts and run ad hoc Ansible commands.

Implement playbooks

- Write a simple Ansible Playbook and run it to automate tasks on multiple managed hosts.

Manage variables and facts

- Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

Implement task control

- Manage task control, handlers, and task errors in Ansible Playbooks.

Deploy files to managed hosts

- Deploy, manage, and adjust files on hosts managed by Ansible.

Manage large projects

- Write playbooks that are optimized for larger, more complex projects.

Simplify playbooks with roles

- Use Ansible roles to develop playbooks more quickly and to reuse Ansible code.

Troubleshoot Ansible

- Troubleshoot playbooks and managed hosts.

Automate Linux administration tasks

- Automate common Linux system administration tasks with Ansible.

Objectifs

- Installing Ansible / Red Hat Ansible Engine on control nodes
- Creating and updating inventories of managed hosts and manage connections to them
- Automating administration tasks with Ansible Playbooks and ad hoc commands
- Writing effective playbooks at scale
- Protecting sensitive data used by Ansible with Ansible Vault
- Reusing code and simplifying playbook development with Ansible roles

Public cible

This course is geared toward Linux system administrators, DevOps engineers, infrastructure automation engineers, and systems design engineers who are responsible for these tasks:

- Automating configuration management
- Ensuring consistent and repeatable application deployment
- Provisioning and deployment of development, testing, and production servers
- Integrating with DevOps continuous integration/continuous delivery workflows

Prérequis

Les participants et participantes doivent au préalable avoir réussi l'examen Red Hat System Administrator (RHCSA) ou prouver qu'ils possèdes des connaissances et de l'expérience équivalente sur Red Hat Enterprise Linux.

- RHCSA Rapid Track avec examen RHCSA («RH200»)

Formations complémentaires

- Red Hat Certified Engineer (RHCE) («EX294»)

Avez-vous une question ou souhaitez-vous organiser un cours en entreprise ?

Nous vous conseillons volontiers au +41 22 738 80 80 ou romandie@digicomp.ch. Retrouvez toutes les informations détaillées concernant les dates sur www.digicomp.ch/formations-digital-transformation-technologies/cloud/cours-red-hat-enterprise-linux-automation-with-ansible-rh294