

Red Hat System Administration III: Linux Automation with Ansible (RH294VC)

- **Formato do curso:** E-learning
- **Preço:** 1836€

Learn how to automate Linux system administration tasks with Ansible.

Red Hat System Administration III: Linux Automation (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.

This course is based on Red Hat® Enterprise Linux 8 and Red Hat® Ansible Engine 2.8.

Este curso e-learning inclui

- Conteúdos disponíveis 24/7
- E-book e Hands-on Lab
- O curso oficial Red Hat em e-learning tem a duração de 90 dias. No entanto, por forma a alcançar melhores resultados na aprendizagem, a Rumos aconselha a realização do curso em **60 dias**. Para tal, o formando irá contar com:
 - Sessões de apoio Rumos em formato síncrono (online em tempo real)
 - 1 sessão de Kick Off de 1h para apresentação da plataforma de e-learning em que decorre o curso e esclarecimento de dúvidas sobre a mesma
 - 1 sessão de Q&A de 3h que ocorre ao fim dos 60 dias do curso

Este curso também está disponível no formato Presencial / Live Training. Para mais informações aceda ao link: [Red Hat System Administration III: Linux Automation with Ansible \(RH294\)](#)

Destinatários

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
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Pré-requisitos

Pass the [Red Hat Certified System Administrator \(RHCSA\) exam \(EX200\)](#), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience

Objetivos

- Install Ansible / Red Hat Ansible Engine on control nodes.
 - Create and update inventories of managed hosts and manage connections to them.
 - Automate administration tasks with Ansible Playbooks and ad hoc commands.
 - Write effective playbooks at scale.
 - Protect sensitive data used by Ansible with Ansible Vault.
 - Reuse code and simplify playbook development with Ansible roles.
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Programa

Introduce 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.