

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

- **Formato do curso:** E-learning
- **Localidade:** Live Training
- **Data:** 20 Jun. 2022 a 24 Jun. 2022
- **Preço:** 1911€
- **Horário:** Laboral - das 9h00 às 15h00

### **Learn how to automate Linux system administration tasks with Red Hat Ansible Automation Platform.**

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® 8.4 and Red Hat Ansible Automation Platform 1.2.

### 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:
  - 4h de apoio Rumos em formato síncrono (online em tempo real)
    - 1 sessão de Kick Off de 1h para orientação e esclarecimento de dúvidas
    - 1 sessão de Q&A de 3h que ocorre 60 dias após a sessão de Kick Off

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

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## 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.