



RH354 – Red Hat Enterprise Linux 8 New Features for Experienced Linux Administrators

Red Hat

- **Nível:**
 - **Duração:** 20h
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Sobre o curso

Prepare yourself for Red Hat Enterprise Linux 8 by learning about changes to the operating system

Red Hat Enterprise Linux 8 New Features for Experienced Linux Administrators Classroom Training (RH354) introduces you to updates in the upcoming Red Hat®Enterprise Linux® release. Intended for experienced Linux system administrators, this course offers a rapid orientation to Red Hat Enterprise Linux 8 based on the pre-release beta. The offering prepares operators, managers, principal system administrators, and other IT professionals with experience in Red Hat Enterprise Linux 7 for deployments and migrations to the new release.

This course is based on Red Hat Enterprise Linux 8.

Diagnóstico de Competências

Teste previamente os seus conhecimentos em:

Red Hat Linux

- JBoss
- OpenStack
- Puppet
- Red Hat Satellite 6

Objetivos

As a result of attending this course, you will be prepared to work with Red Hat Enterprise Linux 8 and take advantage of key new features of the operating system.

You should be able to demonstrate these skills:

- Describe key features of Red Hat Enterprise Linux 8.
 - Install or upgrade an existing Red Hat Enterprise Linux 7 server to Red Hat Enterprise Linux 8.
 - Manage software with the upgraded Yum package manager and select specific software versions through module streams.
 - Use new storage tools to compress and deduplicate data and efficiently manage the storage stack from hardware to file system.
 - Adjust to changes to core components of the operating system, including Python 3, Wayland, and Chrony-based NTP service.
 - Work with the new nftables-backed firewall system.
 - Develop and test portable, standards-based containers with the new runtime and toolchain.
 - Configure servers efficiently with the updated web-based remote interface and with Red Hat Enterprise Linux System Roles.
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Destinatários

This course is designed to provide a preview of Red Hat Enterprise Linux 8 to experienced IT professionals, including:

- Linux system administrators
 - DevOps engineers
 - Cloud administrators
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Pré-requisitos

- Become a [Red Hat Certified System Administrator \(RHCSA\)](#), or demonstrate equivalent knowledge of and experience with Red Hat Enterprise Linux

Programa

- Preview Red Hat Enterprise Linux 8
- Install and upgrade to Red Hat Enterprise Linux 8
- Provision and manage servers
- Adapt to core system changes
- Implement storage using new features
- Manage containers with the new runtime
- Implement enhanced networking features
- Adapt to virtualization improvements

Preview Red Hat Enterprise Linux 8

- Describe the major improvements and feature enhancements in the upcoming Red Hat Enterprise Linux 8 release.

Install and upgrade to Red Hat Enterprise Linux 8

- Install Red Hat Enterprise Linux 8 or upgrade an existing system from Red Hat Enterprise Linux 7 to Red Hat Enterprise Linux 8.

Provision and manage servers

- Prepare standardized systems by generating system images for deployment, managing them with remote web-based administration, and automating provisioning with Red Hat Enterprise Linux System Roles for Red Hat® Ansible Engine.

Adapt to core system changes

- Manage core system components that have had significant changes in Red Hat Enterprise Linux 8.

Implement storage using new features

- Explore the major enhancements in local and remote file system and volume management components.

Manage containers with the new runtime

- Explain the new container runtime engine and tools that replace the Docker container engine.

Implement enhanced networking features

- Describe the major enhancements in network packet processing and network device management.

Adapt to virtualization improvements

- Learn to implement the new features and management tools for virtualization management.