RH304
New Features in Red Hat Enterprise Linux

Explore new features and changes in Red Hat Enterprise Linux 10 to prepare for deployment.

New Features in Red Hat Enterprise Linux" prepares students to successfully deploy Red Hat Enterprise Linux 10 by exploring its new features and enhancements. This course enables students to identify the key differences and improvements to leverage RHEL 10's full potential. Topics include performance optimization, security enhancements, and user interface changes This course empowers students to implement the system effectively and to maximize its capabilities in their environment.

Course content summary

- Describe selected improvements and feature changes in Red Hat Enterprise Linux 10.
- Install RHEL 10 in package mode, interactively or by using Kickstart.
- Get AI-driven guidance and suggestions to efficiently manage a RHEL server by using Red Hat Enterprise Linux Lightspeed.
- Install, upgrade, and use desktop software from the Red Hat Ecosystem Catalog by using Flatpak.
- Manage containers and container images with the updated container management tools.
- Create, use, install, and upgrade containers and servers that use image-based installation management.

Audience for this course

- System administrators, platform engineers, developers, and other IT professionals with experience managing Red Hat Enterprise Linux 9 and earlier that need to prepare for Red Hat Enterprise Linux 10 deployment and operations.

Prerequisites for this course

- [Red Hat System Administration I (RH124)](#) - Ver 9.3 or equivalent experience
- [Red Hat System Administration II (RH134)](#) - Ver 9.3 or equivalent experience

Outline for this course

- **Overview of Red Hat Enterprise Linux 10**
  Describe selected improvements and feature changes in Red Hat Enterprise Linux 10.

- **Installing Red Hat Enterprise Linux**
  Install Red Hat Enterprise Linux in package mode, either interactively or by using Kickstart.

Course reference: https://www.redhat.com/en/services/training/rh304-new-features-red-hat-enterprise-linux

- **Getting AI-assisted Help with Red Hat Enterprise Linux Lightspeed**
  Get AI-driven guidance to efficiently manage a RHEL server by using Red Hat Enterprise Linux Lightspeed.

- **Installing and Updating Applications by Using Flatpak**
  Install, upgrade, and use desktop software that is provided from the Red Hat Ecosystem Catalog by using Flatpak.

- **Managing Containers with Podman**
  Manage containers and container images with the latest version of container management tools.

- **Working with Image-based Red Hat Enterprise Linux**
  Create, use, install, and upgrade containers and servers that use image-based installation management.

Impact on the individual

Enables students to upskill, focusing on the latest advancements of RHEL 10.