



RED HAT TRAINING

Rh354 Red Hat Enterprise Linux 8 New Features For Experienced Linux Administrators Quiz Questions Answers

For experienced administrators, master the new features in Red Hat Enterprise Linux 8. Boost your RHEL skills efficiently.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This concise yet powerful course, 'Rh354 Red Hat Enterprise Linux 8 New Features For Experienced Linux Administrators Quiz Questions Answers', is specifically designed for seasoned Linux professionals looking to efficiently bridge their knowledge gap to Red Hat Enterprise Linux 8. As RHEL 8 introduced significant architectural and functional enhancements, staying current is paramount. This program focuses on distilling the critical new features, core technologies, and operational changes from previous RHEL versions, equipping administrators with the updated expertise needed to manage modern RHEL 8 environments effectively.

Participants will delve into key innovations such as the modular AppStream repositories, the enhanced DNF package manager, native container tools like Podman and Buildah, and new storage technologies like Stratis and VDO. The course also covers critical updates in system management using Cockpit, advanced networking configurations, and strengthened security postures. By focusing on practical application and consolidating complex information into an accessible format with quiz-style reinforcement, this course ensures experienced administrators can quickly grasp and implement RHEL 8's advanced capabilities. The professional benefits extend to increased operational efficiency, improved system reliability, enhanced security implementation, and maintaining a competitive edge in enterprise IT roles.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

01 Module 1: RHEL 8 Core System & Package Management Updates

- Understanding DNF as the default package manager
- Exploring AppStream modules and modularity
- Introduction to system-wide cryptographic policies
- Key differences in Control Groups v2 implementation

02 Module 2: Modern Storage and Networking Innovations

- Implementing Stratis Local Storage Management
- Overview and benefits of VDO (Virtual Data Optimizer)
- Advanced NetworkManager features and configuration updates
- Enhancements to FirewallD for network security

03 Module 3: Containerization and System Monitoring Tools

- Managing containers with Podman and Buildah (rootless containers)
- Differences between Podman/Buildah and traditional Docker
- Utilizing the Cockpit web console for system administration
- Introduction to eBPF for system observability

04 Module 4: Security, Identity, and Automation Evolution

- Updates to SELinux policies and management
- Enhanced identity management with SSSD improvements
- Leveraging OpenSCAP for compliance and security auditing
- Integration of Ansible for RHEL 8 automation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Red Hat System Administrator**
- > **Linux Infrastructure Architect**
- > **DevOps Engineer with RHEL 8 Specialization**

FREQUENTLY ASKED QUESTIONS

Q: What specific prior Red Hat Enterprise Linux experience is recommended before enrolling in this RHEL 8 New Features course?

This course is specifically tailored for experienced Linux administrators. We recommend a solid working knowledge of Red Hat Enterprise Linux 7 or earlier, including command-line proficiency, managing core system services, and a fundamental understanding of networking and storage concepts. This prerequisite ensures you can effectively grasp the 'new' features and how they diverge from your existing expertise.

Q: How will mastering the new features in RHEL 8, such as AppStream and Podman, directly benefit my daily system administration tasks and career progression?

Mastering RHEL 8's new features will significantly enhance your daily operational efficiency and career prospects. AppStream's modularity allows for more flexible and reliable software management, reducing dependency conflicts. Podman and Buildah empower you to manage containers without daemon overhead or root privileges, improving security and workflow in modern application deployment. These skills are crucial for roles in cloud infrastructure, DevOps, and advanced system administration, making you a more valuable asset in organizations adopting contemporary RHEL environments.

Q: Does this 'Rh354 Red Hat Enterprise Linux 8 New Features' course provide guidance on migrating existing RHEL 7 systems or applications to a RHEL 8 environment?

While the primary focus of this course is to educate experienced administrators on the *new features* introduced in RHEL 8, understanding these features is a foundational step for migration. The course provides the necessary knowledge about architectural changes and toolsets to *plan* an effective migration strategy. It doesn't offer a step-by-step migration guide for specific scenarios, but rather equips you with the in-depth understanding of RHEL 8's capabilities to confidently approach migration projects and identify potential challenges or opportunities for improvement during the transition.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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Take the next step in your technology career.

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