



RED HAT TRAINING

Rh358 Red Hat Services Management And Automation Quiz Questions Answers

Master Red Hat Services Management and Automation with Rh358 quiz prep. Effectively manage and automate Red Hat environments.

DURATION

32 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This Red Hat Services Management and Automation course (RH358) equips intermediate-level IT professionals with the essential skills to efficiently manage, secure, and automate services within a Red Hat Enterprise Linux environment. You will delve into advanced systemd features for robust service control, explore container technologies like Podman and Buildah for deploying isolated applications, and master the use of Ansible Automation Platform to orchestrate complex service configurations and deployments across multiple systems. This course goes beyond basic administration, focusing on practical techniques to streamline operations, enhance system reliability, and reduce manual intervention in critical enterprise systems.

By successfully completing this 32-hour program, participants will be able to implement automation strategies that lead to more consistent, scalable, and resilient IT infrastructures. You will gain hands-on experience in defining custom systemd units, building and managing container images, and writing effective Ansible playbooks to automate the lifecycle of system services and containerized applications. This expertise is crucial for organizations looking to optimize their Linux operations, accelerate deployment cycles, and achieve a higher degree of control and efficiency in their IT service delivery.

Duration	32 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

01 Module 1: Advanced Systemd Service Management

- Understanding systemd unit files and types (service, socket, target)
- Creating custom systemd service units for applications
- Managing complex service dependencies and ordering
- Implementing resource control with systemd (cgroups)
- Monitoring and troubleshooting systemd services

02 Module 2: Container Fundamentals with Podman and Buildah

- Introduction to containerization concepts
- Building custom container images using Buildah and Dockerfiles
- Running and managing containers with Podman
- Networking and persistent storage for containers
- Securing containers and image registries

03 Module 3: Automating Service Configuration with Ansible

- Review of Ansible fundamentals and inventory management
- Writing Ansible playbooks for service management tasks
- Automating systemd unit file deployment and modification
- Using Ansible roles for modular and reusable service automation
- Handling sensitive data with Ansible Vault

04 Module 4: Orchestrating Container Deployments with Ansible

- Automating container image builds with Ansible
- Deploying and managing Podman containers using Ansible
- Implementing container orchestration for single-host deployments
- Updating and rolling back containerized applications with Ansible

- Integrating container security best practices in automation

05 Module 5: Advanced Automation and Troubleshooting

- Developing advanced Ansible playbooks for complex scenarios
- Implementing error handling and conditional logic in automation
- Automating service and container health checks
- Leveraging Ansible facts and custom facts for dynamic automation
- Troubleshooting automation failures and common service issues

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Automation Engineer (Red Hat Enterprise Linux)**
- > **Senior Linux System Administrator with Automation Focus**
- > **DevOps Engineer (Red Hat Environments)**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for effectively undertaking the Red Hat Services Management and Automation (RH358) course?

This course is designed for intermediate-level professionals. It is highly recommended that participants possess a Red Hat Certified System Administrator (RHCSA) certification or equivalent experience. A solid understanding of Linux command-line operations, basic system administration tasks, and fundamental networking concepts in a Red Hat Enterprise Linux environment is essential to maximize your learning experience in RH358.

Q: How will mastering the skills taught in RH358 directly contribute to my efficiency as a system administrator or automation specialist?

RH358 directly enhances your efficiency by teaching you to replace manual, error-prone tasks with automated workflows. You'll gain the ability to deploy, manage, and scale services and containerized applications consistently across many systems using Ansible. This significantly reduces operational overhead, minimizes downtime due to configuration drift, and frees up valuable time for more strategic projects, making you an invaluable asset in any modern IT department.

Q: Does this course cover advanced topics in container orchestration beyond single-host Podman deployments, such as Kubernetes or OpenShift?

While RH358 provides a strong foundation in building and managing individual containers with Podman and automating their deployment on a single host using Ansible, it does not delve into full-fledged multi-node container orchestration platforms like Kubernetes or OpenShift. The course focuses on solidifying your skills in service management and automation within the Red Hat Enterprise Linux context, preparing you for specialized courses in enterprise container orchestration if you choose to pursue them.

ABOUT COMPUTER PRIDE

**computerpride*****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+

Years of Excellence

10,000+

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Take the next step in your technology career.

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