



RED HAT TRAINING

Rhcv Red Hat Virtualization Administrator Certification Course

Become a Red Hat Virtualization Administrator. Learn to deploy, manage, and troubleshoot RHV environments for enterprise-grade virtualization.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Red Hat Virtualization Administrator (RHC VAT) Certification Course from Computer Pride is meticulously designed to equip IT professionals with the essential skills to deploy, manage, and scale virtualization infrastructures using Red Hat Virtualization. This intermediate-level course dives deep into the architecture and components of Red Hat Virtualization, an enterprise-grade open-source virtualization solution built on KVM and the oVirt project. Participants will gain practical expertise in setting up virtualization hosts, configuring storage and network resources, and efficiently managing virtual machines across a robust Red Hat environment. This certification is crucial for organizations looking to optimize their server utilization, reduce operational costs, and enhance the agility of their IT services by leveraging advanced virtualization capabilities.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

- 01 Module 1: Introduction to Red Hat Virtualization**
 - Understanding Virtualization Concepts and Benefits
 - Red Hat Virtualization Architecture and Components
 - Installing Red Hat Virtualization Manager (RHVM)
 - Navigating the RHV Manager Web Interface and CLI Tools
- 02 Module 2: Managing Compute and Storage Resources**
 - Adding and Managing KVM Hosts
 - Configuring Data Centers and Clusters
 - Storage Domain Management (NFS, iSCSI, Fibre Channel)
 - Managing Virtual Disks and Images
- 03 Module 3: Virtual Machine Administration**
 - Creating and Deploying Virtual Machines
 - Managing VM Lifecycle: Start, Stop, Suspend, Migrate
 - Implementing High Availability for Virtual Machines
 - Utilizing VM Snapshots and Templates
- 04 Module 4: Networking in Red Hat Virtualization**
 - Understanding RHV Network Architecture
 - Configuring Logical Networks and Bridges
 - Assigning Networks to Hosts and Virtual Machines
 - Network Quality of Service (QoS) and Security Best Practices
- 05 Module 5: Advanced RHV Operations and Troubleshooting**
 - User and Role Management (RBAC) in RHV
 - Monitoring RHV Infrastructure Health and Performance
 - Implementing Backup and Restore Strategies for RHV
 - Troubleshooting Common RHV Environment Issues

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Red Hat Virtualization Administrator**
- > **Enterprise Cloud Infrastructure Engineer**
- > **Linux Systems Engineer with Virtualization Specialization**

FREQUENTLY ASKED QUESTIONS

Q: What specific hands-on skills will I gain that are directly applicable to a Red Hat Virtualization Administrator role?

This course focuses on practical application, enabling you to confidently deploy Red Hat Virtualization Manager, integrate KVM hosts, provision and manage virtual machines, configure robust storage solutions like NFS and iSCSI, set up complex networking, and perform essential maintenance and troubleshooting. You'll gain direct experience with the RHV web interface and command-line tools, preparing you for day-to-day administration tasks.

Q: What are the recommended prerequisites or prior experience needed to successfully undertake the RHCVA course?

While there are no strict official prerequisites, it is highly recommended that participants have a foundational understanding of Linux administration, specifically Red Hat Enterprise Linux. Familiarity with basic networking concepts (IP addressing, routing) and storage technologies will also be beneficial to maximize your learning experience in this intermediate-level course.

Q: How does the RHCVA certification enhance my career prospects compared to other virtualization certifications in the market?

The RHCVA certification distinguishes you by validating your expertise in Red Hat's enterprise-grade open-source virtualization platform, which is widely adopted in corporate and government sectors. Unlike generic virtualization certs, RHCVA signifies proficiency in a specific, robust, and cost-effective solution, making you a highly sought-after professional for organizations leveraging or migrating to Red Hat-centric infrastructures. This specialized skill set often translates to better job opportunities and career advancement within Red Hat ecosystems.

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+

10,000+

50+

Years of Excellence

Professionals Trained

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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