RED HAT ENTERPRISE VIRTUALIZATION

THE SKILLS REQUIRED TO DEPLOY AND MANAGE VIRTUAL ENVIRONMENTS

VALUE OF TRAINING

Your team is your most valuable asset. By investing in the expertise of your staff, you can ensure optimal system performance, enhance productivity, and mitigate risk. When you include hands-on training from Red Hat as part of your deployment and maintenance strategy, you can maximize the value of your Red Hat technology investment and reach new productivity heights.

COURSE DESCRIPTION

Red Hat Enterprise Virtualization (RH318) explores the virtualization features of Red Hat Enterprise Linux managed through the Red Hat Enterprise Virtualization suite. Students acquire the skills and knowledge to effectively create, deploy, manage, and migrate Linux and Microsoft Windows virtual machines hosted on either dedicated Red Hat Enterprise Virtualization Hypervisor nodes or Red Hat Enterprise Linux servers using Red Hat Enterprise Virtualization Manager. With hands-on labs and a deep dive into the technology, this training course is the perfect first step for any enterprise planning or executing a virtualization deployment strategy.

Students who successfully complete this course are also prepared to take the Red Hat Enterprise Virtualization Certification Exam (EX318) and may earn the RHCVA certification. Exams sold separately.

AUDIENCE

- Experienced Linux system administrators responsible for managing enterprise servers who are interested in learning how to manage large numbers of servers or virtual machines using Red Hat Enterprise Virtualization
- IT professionals interested in earning a Red Hat Certified Vitalization Administrator (RHCVA) certification

PREREQUISITES

- IT professionals who have earned an Red Hat Certified System Administrator (RHCSA) certification or maintain the equivalent experience with Linux
- System administration experience on Microsoft Windows operating systems is beneficial but not necessary for this course

FORMAT	LENGTH	PRICE*
Classroom with exam RH319	5 days	$3,500 11 training units
Classroom** RH318	4 days	$3,200 11 training units
RHCVA Exam EX318		$600 2 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change
** Does not include certification exam

COURSE CONTENT

Red Hat Enterprise Virtualization Overview

- Understand general virtualization, KVM concepts, and Red Hat Enterprise Virtualization platform

Red Hat Enterprise Virtualization Manager

- Install, test, remove and troubleshoot Red Hat Enterprise Virtualization Manager

Red Hat Enterprise Virtualization Hypervisor

- Install, configure, upgrade and troubleshoot Red Hat Enterprise Virtualization Hypervisor

Red Hat Enterprise Virtualization Environment Configuration

- Create and configure data centers, clusters, and storage domains

Red Hat Enterprise Virtualization for Servers

- Install, perform basic management of, and troubleshoot virtual servers

Red Hat Enterprise Virtualization for Desktops

- Install virtual desktops and configure para-virtualized drivers

Manage Virtual Machines

- Create and use image snapshots and explore high availability

Virtual Machine Templates

- Create Windows and Red Hat Enterprise Linux virtual machines with template images

Desktop Pools and Users

- Use desktop pools and deploy the Power User Portal with multi-level administrative roles

Monitoring and Reports

- Monitor Red Hat Enterprise Virtualization and create custom reports

Red Hat Enterprise Linux Hosts

- Manage virtual machines with Red Hat Network

Advanced Red Hat Enterprise Virtualization

- Performance tune Linux hosts and guests; back up and restore Red Hat Enterprise Virtualization

WAYS TO TRAIN

Whether you need to train a team of IT professionals, or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize return on your Red Hat Enterprise investment.

- **Classroom training** – Red Hat offers a robust six-month schedule in more than 40 locations across North America.
- **Virtual training** – Live, instructor-led online training allows for students to maintain a partial work schedule while achieving cost savings.
- **On-site training** – Whether at your offices or hosted in a virtual environment, team training is a proven way to maximize performance and savings.

RED HAT CERTIFICATIONS

Red Hat Certified Virtualization Administrator (RHCVA) certification is earned when an IT professional demonstrates the skills and knowledge required to deploy and manage virtual hosts in production environments using Red Hat Enterprise Virtualization.

To earn an RHCVA, IT professionals must pass a half-day, performance-based exam (EX318) where they will demonstrate their skills with live systems.

For a current Red Hat Certified Engineer (RHCE), earning an RHCVA credential will also earn a Certificate of Expertise. This credential puts an RHCE on the path to earning Red Hat Certified Datacenter Specalist (RHCDS) and Red Hat Certified Architect (RHCA) credentials.

ABOUT RED HAT TRAINING

Red Hat Training delivers more than 30 Red Hat Enterprise Linux and JBoss® Enterprise Middleware courses and and exams. Our award-winning courses are taught by certified instructors and include hands-on labs and performance-based testing. This means your team acquires real-world skills that IT professionals need to manage successful open source infrastructures.

Red Hat is leading the pack with it's training program. For the past five years, IDC has consistently ranked Red Hat as a leader in training and certification in its competitive analysis, "IDC MarketScape: Worldwide IT Education and Training Vendor Analysis." This third-party study assessed OEMs who offer training and ranked them on strategy and vision.

READY TO TRAIN?

Contact a training specialist

Red Hat training is a critical strategy that helps companies realize the full potential of their IT teams and Red Hat enterprise technology. Contact a member of our sales team or a Red Hat training specialist for assistance designing a training path that is right for your needs.

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