AMRITA TECHNOLOGIES
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• Commitment • Collaboration • Consistency

The Pioneers In Linux Training

redhat CERTIFIED TRAINING PARTNER

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About Amrita Technologies

Amrita the pioneers, authorized training and certification partners for RedHat Linux / JBOSS, the in demand technologies since 2002. We provide End to End Solutions in Linux System Administration, Security, Virtualization, Clustering & Storage, Data Centre, Architect, Cloud Computing, Middleware Courses. The information technology is evolving rapidly. At Amrita we are always looking for an edge that will make our students competitive and successful.

Award winner of "The Best Redhat Certified Training Partner for Commitment, Collaboration & Consistency in Quality Training & Support"

The Best RedHat Certified Training Partner India, Bangladesh, Sri Lanka & Nepal (September 2011- August 2012)

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Red Hat Certified Architect — RHCA

The RHCA is the most senior system administration credential and is designed for technical leaders working in demanding enterprise environments.

A Red Hat® Certified Engineer (RHCE®) who earns an RHCA certification brings an exceptional breadth and depth of knowledge to the biggest IT challenges. RHCA certification incorporates the skills and knowledge of a Red Hat Certified Datacenter Specialist (RHCDS) plus advanced networking services security, system monitoring, and performance tuning.

Certification program requirements:

Red Hat Enterprise Security Network Services (RHS333)
Security for the most commonly deployed services

Red Hat® Enterprise Security: Network Services (RHS333) is an intensive course that equips senior system administrators and security professionals with the skills and knowledge required to harden systems against both internal and external attacks.

This class advances beyond the essential security coverage offered in the Red Hat Certified Engineer (RHCE®) curriculum and delves more deeply into the security features, capabilities, and how to properly respond to sophisticated security threats aimed at enterprise systems. You'll also get an in-depth analysis of the ever-changing threat models as they pertain to Red Hat Enterprise Linux®. At the end of the 4-day course, you should be able to design and implement an adequate security profile for critical enterprise systems.

Red Hat Enterprise Deployment and Systems Management (RH401)
Manage Red Hat Enterprise Linux deployments

Red Hat® Enterprise Deployment and Systems Management training course explores the concepts and methods necessary for successful large-scale deployment and management of Red Hat Enterprise Linux systems.

Experienced system administrators will learn how to implement and manage Red Hat Enterprise Linux® deployments efficiently and effectively, in ways that make their systems manageable by a team of administrators. Central to this course is training on the use of the Red Hat Network Satellite Server for deployment and provisioning of Red Hat Enterprise Linux systems. By the end of this course, students will have built their own RPM packages and will have used Subversion to make changes to scripts.

Course content summary:

; Efficient team-based management of large-scale systems--before, during, and after deployment
; Installation and administration of Red Hat Network Satellite
; Building custom RPM packages
; Using Subversion to make changes to scripts
; RHN Satellite organizations, users, and roles
; Managing changes with revision control software
; Managing software with Red Hat Network, including software channels and errata
; Construction of custom RPM packages
; Reporting and automation with Red Hat Network programming API
; Deploying configuration files using Red Hat Network
; Bare-metal provisioning with PXE

Red Hat Enterprise Performance Tuning (RH442)
Performance tuning and capacity planning for Red Hat Enterprise Linux

Red Hat® Enterprise Performance Tuning is designed to teach senior Linux® system administrators the methodology of performance tuning for Red Hat Enterprise Linux. This course discusses system architecture with an emphasis on understanding the implications of system architecture on system performance, methods for testing the effects of performance adjustments, open source bench marking utilities, methods for analyzing system and networking performance, and tuning configurations for specific application loads.

Course content summary:

; Tuning for use-case scenarios (for example, HPC, large memory, database, and file server)
; Tuning for power consumption
; Tuning virtual machines (host and guest)

; Tuning memory and caches
; Tuning CPU and memory utilization using cgroups
; Gathering performance metrics and other data for tuning purposes

Red Hat Enterprise Clustering and Storage Management (RH436)
Manage Red Hat Enterprise Linux deployments

The intensive, hands-on Red Hat® Enterprise Clustering and Storage Management course teaches storage management, the Red Hat High Availability Add-On, and the shared storage technology delivered by Red Hat Global File System 2 (GFS2) and Red Hat Storage Server.

Created for senior Linux® system administrators, this 4-day course strongly emphasizes lab-based activities. You'll learn how to deploy and manage shared storage and server clusters that provide highly available network services to a mission-critical enterprise environment.

A current Red Hat Certified Engineer (RHCE®) who successfully completes this course is prepared to take the Red Hat Certificate of Expertise in Clustering and Storage Management Exam (EX436).

Course content summary:

; Install and configure the Red Hat High Availability Add-On.
; Create and manage highly available services.
; Work with shared storage (iSCSI) and configure multipathing.
; Configure GFS2 file systems.
; Configure XFS® file systems.
; Work with the Red Hat Storage Server.

Red Hat Enterprise Directory Services and Authentication (RH423)
Manage and deploy directory services for Red Hat Enterprise Linux systems

Red Hat® Enterprise Directory Services and Authentication is an intensive course designed to train senior system administrators in the skills required to manage and deploy the Red Hat Directory Server on and for Red Hat Enterprise Linux® systems. This course also covers cross-platform integration of directory services in order to provide authentication or information services across the enterprise. In addition, students will gain an understanding of the basic concepts, configuration, and management of lightweight directory access protocol (LDAP)-based services. This course also explores the Pluggable Authentication Modules (PAM) system, and how it integrates with services that require authentication.

This course can also help prepare current RHCEs for the Red Hat Certificate of Expertise in Directory Services and Authentication Exam (EX423).

Course content summary:

; Understanding basic LDAP concepts
; Configuring and managing Red Hat Directory Server
; Managing user authentication with PAM and glibc NSS
; Using Kerberos and LDAP to centrally manage user authentication
; Using LDAP referrals and replication for distributed highly available directory server performance
; Exploring options for integration with Microsoft Active Directory authentication

OR

Red Hat Enterprise Virtualization (RH318)
The skills required to deploy and manage virtual environments

Red Hat® Enterprise Virtualization (RH318) teaches experienced system administrators how to use 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.

This course also helps candidates prepare for the Red Hat Enterprise Virtualization Administrator Exam (EX318), which, if passed, earns them the Red Hat Certified Virtualization Administrator (RHCVA) certification

Course content summary:

; Tuning for use-case scenarios (for example, HPC, large memory, database, and file server)
; Tuning for power consumption
; Tuning virtual machines (host and guest)
; Tuning memory and caches
; Tuning CPU and memory utilization using cgroups
; Gathering performance metrics and other data for tuning purposes

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