

4 Days

Red Hat Enterprise Virtualization

Participants acquire the skills and knowledge to effectively create, deploy, manage, and migrate Linux virtual machines hosted on either dedicated Red Hat Enterprise Virtualization Hypervisor nodes or Red Hat Enterprise Linux servers using Red Hat Enterprise Virtualization Manager. 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 Details

Course Outline

Overview of Red Hat Enterprise Virtualization Define and discuss general virtualization, Kernel-based Virtual Machine (KVM), and the concept of virtualization in Red Hat Enterprise Virtualization. Install, configure, and test manager Install, configure, secure, and troubleshoot Red Hat Enterprise Virtualization Manager. Install and configure hypervisor hosts Install, configure, upgrade, and troubleshoot Red Hat Enterprise Virtualization Hypervisor. Create datacenters and clusters Create datacenters and clusters using Red Hat Enterprise Virtualization Manager. Create and maintaining storage Create and administer data, iso, and export storage domains using Red Hat Enterprise Virtualization. Create logical networks Create logical networks using Red Hat Enterprise Virtualization Manager. Deploy virtual machines Install, deploy, and manage virtual machines (VMs) with appropriate drivers and agents using Red Hat Enterprise Virtualization. Manage VM snapshots and images Manage VMs with snapshots and share images using Red Hat Virtualization. Automate VM deployment Utilize templates, pools, and cloud-init to automate deployment of VMs using Red Hat Enterprise Virtualization. Monitor and report Red Hat Enterprise Virtualization Locate information using the Red Hat Enterprise Virtualization administration portal to generate reports of the environment. Overview of advanced Red Hat Enterprise Virtualization topics Describe backing up and restoring Red Hat Enterprise Virtualization, making Red Hat Enterprise Virtualization highly available, and using the application programming interface (API). Install and configure Red Hat Enterprise Linux host Install and configure a Red Hat Enterprise Linux host. Migrate VMs and configure high availability Migrate VMs manually and automatically, and configure high availability with live migration using Red Hat Enterprise Virtualization. Comprehensive review Review the course objectives.

Who Should Attend

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 Virtualization Administrator (RHCVA) certification

Pre Requisite

IT professionals who have earned an Red Hat Certified System Administrator (RHCSA) certification or maintain the equivalent experience with Linux.

Exams

Red Hat Enterprise Virtualization []



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