

Red Hat Certified Virtualization Administrator

Course Code: RH318

Course Name:- RHCVA

Overview of Red Hat Virtualization

Define and discuss general virtualization, Kernel-based Virtual Machine (KVM), and the concept of virtualization in Red Hat Virtualization.

Install, configure, and test manager

Install, configure, secure, and troubleshoot Red Hat Virtualization Manager.

Install and configure hypervisor hosts

Install, configure, upgrade, and troubleshoot Red Hat Virtualization Hypervisor.

Create datacenters and clusters

Create datacenters and clusters using Red Hat Virtualization Manager.

Create and maintaining storage

Create and administer data, iso, and export storage domains using Red Hat Virtualization.

Create logical networks

Create logical networks using Red Hat Virtualization Manager.

Deploy virtual machines

Install, deploy, and manage virtual machines (VMs) with appropriate drivers and agents using Red Hat 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 Virtualization.

Monitor and report Red Hat Virtualization

Locate information using the Red Hat Virtualization administration portal to generate reports of the environment.

Overview of advanced Red Hat Virtualization topics

Describe backing up and restoring Red Hat Virtualization, making Red Hat 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 Virtualization.

Comprehensive review

Review the course objectives.