



RH319 - Red Hat Virtualization plus Exam

INCLUSIONS

EX318 Exam

LENGTH

5 days

PRICE (Excl. GST)

NZD 5150

RED HAT AT LUMIFY WORK

Red Hat is the leading provider of open source, enterprise IT solutions. Lumify Work is proud to offer clients the ability to attend over 40 official Red Hat training courses through a resell agreement with Red Hat. Maximise the return on your Red Hat technology investment with lab-intensive, Instructor-Led Training run by Red Hat themselves. Alternatively, for those unable to attend training, log in and learn with Red Hat Online Learning.

WHY STUDY THIS COURSE

Red Hat Virtualisation (RH318) helps IT professionals acquire the skills needed to deploy, administer, and operate virtual machines in their organisation using Red Hat® Virtualisation.

Through numerous hands-on exercises, you will demonstrate the ability to deploy and configure the Red Hat Virtualisation infrastructure and use it to provision and manage virtual machines. This offering also prepares you for the Red Hat Certified Specialist in Virtualisation exam.

This course is based on Red Hat Enterprise Virtualisation 4.3 and Red Hat Enterprise Linux® 7.6 and 8, as well as Red Hat Hyperconverged Infrastructure for Virtualisation 1.6.

This course includes the Red Hat Certified Specialist in Virtualisation exam (EX318).

WHAT YOU'LL LEARN

As a result of attending this course, you should be able to create and deploy Red Hat Virtualisation and virtual servers. Using a single, full-service management interface – Red Hat Virtualisation Manager – you will be able to configure, manage, and migrate systems within the virtualisation environment.

You should be able to demonstrate these skills:

- › Configure Red Hat Virtualisation
- › Configure networking and storage for use with Red Hat Virtualisation
- › Manage user accounts and access to the Red Hat Virtualisation environment
- › Install and manage virtual machines in Red Hat Virtualisation



Red Hat

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- › Use templates for rapid virtual machine deployment
- › Manage virtual machine snapshots and images
- › Migrate virtual machines and explore high-availability options



My instructor was great being able to put scenarios into real world instances that related to my specific situation.

I was made to feel welcome from the moment I arrived and the ability to sit as a group outside the classroom to discuss our situations and our goals was extremely valuable.

I learnt a lot and felt it was important that my goals by attending this course were met.

Great job Lumify Work team.



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Lumify Work Customised Training

We can also deliver and customise this training course for larger groups saving your organisation time, money and resources.

For more information, please contact us on [0800 835 835](tel:0800835835).

COURSE SUBJECTS

Red Hat Virtualisation overview

Explain the purpose and architecture of Red Hat Virtualisation.

Install and configure Red Hat Virtualisation

Install a minimal Red Hat Virtualisation environment and use it to create a virtual machine.

Create and manage datacenters and clusters

Organise hypervisors into groups using datacenters and clusters.

Manage user accounts and roles

Configure user accounts using a central directory service, then use roles to assign access to resources based on job responsibilities.

Adding physical hosts

Add additional Red Hat Virtualisation hosts automatically, and move and remove hosts from datacenters as needed.

Scale Red Hat Virtualisation infrastructure

Add Red Hat Virtualisation hosts automatically, configure Red Hat Enterprise Linux hosts when appropriate, and move and remove hosts from data centers as needed.

Manage Red Hat Virtualisation networks

Separate network traffic into multiple networks on one or more interfaces to improve the performance and security of Red Hat Virtualisation.

Manage Red Hat Virtualisation storage

Create and manage data and ISO storage domains.

Deploy and manage virtual machines

Operate virtual machines in the Red Hat Virtualisation environment.

Migrate virtual machines

Migrate and control automatic migration of virtual machines.

Manage virtual machine images

Manage virtual machine snapshots and disk images.

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Automating virtual machine deployment

Automate deployment of virtual machines by using templates and cloud-init.

Back up and upgrade Red Hat Virtualisation

Back up, restore, and upgrade the software in a Red Hat Virtualisation environment.

Explore high-availability practices

Explain procedures to improve the resilience and reliability of Red Hat Virtualisation by removing single points of failure and implementing high-availability features.

Perform comprehensive review

Demonstrate skills learned in this course by installing and configuring Red Hat Virtualisation; using the platform to create and manage virtual machines; and backing up and updating components of Red Hat Virtualisation.

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WHO IS THE COURSE FOR?

Linux system administrators, virtualisation administrators, and hybrid infrastructure engineers interested in deploying large-scale virtualisation solutions and managing virtual servers in their datacenters, based on the Red Hat Virtualisation open virtualisation management platform.

PREREQUISITES

- [Red Hat Certified System Administrator \(RHCSA\)](#) certification or equivalent experience
- Being a [Red Hat Certified Engineer \(RHCE\)](#) is strongly recommended for Ansible® automation comprehension
- [Take a free assessment](#) to gauge whether this offering is the best fit for your skills.

The supply of this course by Lumify Work is governed by the booking terms and conditions. Please read the terms and conditions carefully before enrolling in this course, as enrolment in the course is conditional on acceptance of these terms and conditions.

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