

# RH124 - Red Hat System Administration I

LENGTH

**5 days**

PRICE (Excl. GST)

**NZD 4375**

## 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.



# Red Hat

## WHY STUDY THIS COURSE

The first of two courses covering the core system administration tasks needed to manage Red Hat Enterprise Linux servers.

Red Hat System Administration I (RH124) is designed for IT professionals without previous Linux system administration experience. The course provides students with Linux administration competence by focusing on core administration tasks. This course also provides a foundation for students who plan to become full-time Linux system administrators by introducing key command-line concepts and enterprise-level tools.

This course is the first of a two-course series that takes a computer professional without Linux system administration knowledge to become a fully capable Linux administrator. These concepts are further developed in the follow-on course, [Red Hat System Administration II \(RH134\)](#).

This course is based on Red Hat® Enterprise Linux 9.0.

## WHAT YOU'LL LEARN

This course will build the foundation for those learning the key tasks to become a full-time Linux system administrator. As a result of attending this course, you should be able to perform essential Linux system administration tasks, including:

- › Installation
- › Establishing network connectivity
- › Managing physical storage
- › Basic security administration

<https://www.lumifywork.com/en-nz/courses/rh124-red-hat-system-administration-i/>



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*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.*

**AMANDA NICOL**  
IT SUPPORT SERVICES  
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LIMITED

## COURSE SUBJECTS

### Get started with Red Hat Enterprise Linux

Describe and define open source, Linux distributions, and Red Hat Enterprise Linux.

### Access the command line

Log into a Linux system and run simple commands using the shell.

### Manage files from the command line

Copy, move, create, delete, and organise files while working from the bash shell.

### Get help in Red Hat Enterprise Linux

Resolve problems by using local help systems.

### Create, view, and edit text files

Manage text files from command output or in a text editor.

### Manage local users and groups

Create, manage, and delete local users and groups, as well as administer local password policies.

### Control access to files

Set Linux file system permissions on files and interpret the security effects of different permission settings.

### Monitor and manage Linux processes

Evaluate and control processes running on a Red Hat Enterprise Linux system.

### Control services and daemons

Control and monitor network services and system daemons using systemd.

### Configure and secure SSH

Configure secure command line service on remote systems, using OpenSSH.

### Analyse and store logs

Locate and accurately interpret logs of system events for troubleshooting purposes.

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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).*

### **Manage networking**

Configure network interfaces and settings on Red Hat Enterprise Linux servers.

### **Archive and transfer files**

Archive and copy files from one system to another.

### **Install and update software packages**

Download, install, update, and manage software packages from Red Hat and DNF package repositories.

### **Access Linux files systems**

Access, inspect, and use existing file systems on storage attached to a Linux server.

### **Analyse servers and get support**

Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.

### **Comprehensive review**

Review the content covered in this course by completing hands-on exercises.

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## WHO IS THE COURSE FOR?

- The primary persona is a technical professional with current or pending responsibilities as a Linux enterprise or cloud system administrator.
- This course is targeted at the student who is planning to become a technical professional using Linux.

## PREREQUISITES

- Basic technical user skills with computer applications on some operating systems are expected.
- [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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