

# Red Hat Enterprise Linux 8 New Features for Experienced Linux Administrators

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<b>Code:</b>	RH354
<b>Length:</b>	3 days
<b>URL:</b>	<a href="#">View Online</a>

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Red Hat Enterprise Linux 8 New Features for Experienced Linux Administrators (RH354) introduces you to updates in the upcoming Red Hat® Enterprise Linux® release. Intended for experienced Linux system administrators, this course offers a rapid orientation to Red Hat Enterprise Linux 8 based on the pre-release beta. The offering prepares operators, managers, principal system administrators, and other IT professionals with experience in Red Hat Enterprise Linux 7 for deployments and migrations to the new release.

This course is based on Red Hat Enterprise Linux 8.

## Skills Gained

### Impact on the organization

This course will help prepare your staff to be ready for Red Hat Enterprise Linux 8 from day one, giving your organization a preview of the changes in the core Red Hat Enterprise Linux operating system used by the applications, services, and other infrastructure in your data center. This preview will allow you to more effectively plan upgrades to and the rollout of Red Hat Enterprise Linux 8, and prepare you to quickly take advantage of new features and changes for your business and your use cases. This preparation may help you save money and reduce the time to market of your adoption of Red Hat Enterprise Linux 8.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

### Impact on the individual

As a result of attending this course, you will be prepared to work with Red Hat Enterprise Linux 8 and take advantage of key new features of the operating system. You should be able to demonstrate these skills:

- Describe key features of Red Hat Enterprise Linux 8.
- Install or upgrade an existing Red Hat Enterprise Linux 7 server to Red Hat Enterprise Linux 8.
- Manage software with the upgraded Yum package manager and select specific software versions through module streams.
- Use new storage tools to compress and deduplicate data and efficiently manage the storage stack from hardware to file system.
- Adjust to changes to core components of the operating system, including Python 3, Wayland, and Chrony-based NTP service.

- Work with the new nftables-backed firewall system.
- Develop and test portable, standards-based containers with the new runtime and toolchain.
- Configure servers efficiently with the updated web-based remote interface and with Red Hat Enterprise Linux System Roles.

## Who Can Benefit

This course is designed to provide a preview of Red Hat Enterprise Linux 8 to experienced IT professionals, including:

- Linux system administrators
- DevOps engineers
- Cloud administrators

## Prerequisites

- Become a Red Hat Certified System Administrator (RHCSA), or demonstrate equivalent knowledge of and experience with Red Hat Enterprise Linux

## Course Details

### Course Outline

- Preview Red Hat Enterprise Linux 8
- Install and upgrade to Red Hat Enterprise Linux 8
- Provision and manage servers
- Adapt to core system changes
- Implement storage using new features
- Manage containers with the new runtime
- Implement enhanced networking features
- Adapt to virtualization improvements

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