

# RED HAT SYSTEM ADMINISTRATION III (RH254)

Course Code: 1278

Red Hat System Administration III (RH254), related to Red Hat Enterprise Linux 7, is designed for experienced Linux system administrators who hold a Red Hat Certified System Administrator (RHCSA) certification or equivalent skills and who want to broaden their ability to administer Linux systems at an enterprise level.

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The course is focused on deploying and managing network servers running caching Domain Name Service (DNS), MariaDB, Apache HTTPD, Postfix SMTP nullclients, network file sharing with Network File System (NFS) and Server Message Block (SMB), iSCSI initiators and targets, advanced networking and firewall configurations, and using Bash shell scripting to help automate, configure, and troubleshoot the system.

Through lectures and hands-on labs, RHCSA-certified professionals will be exposed to all competencies covered by the Red Hat Certified Engineer (RHCE) exam.

**Note:** This course does not cover all RHCSA tasks. Students who need a review of RHCSA skills are encouraged to attend RHCSA Rapid Track Course (RH199).

## What You'll Learn

- Network port security and link aggregation
- iSCSI initiator and target configuration
- DNS troubleshooting and caching name server
- Provisioning NFS and SMB file servers
- Apache HTTPD web server management
- MariaDB SQL database configuration
- Postfix SMTP nullclient for servers
- Bash scripting for automation

## Who Needs to Attend

Experienced Linux administrators who have earned RHCSA certification or have equivalent skills and wish to learn enterprise-level automation techniques through scripting, how to deploy and secure network services, and how to manage other key security features of Red Hat Enterprise Linux

## Prerequisites

RHCSA certification or equivalent experience (You may confirm that you have the correct skill set required for this course by passing the online pre-assessment quiz at [redhat.com/explore/pre-assessment](https://redhat.com/explore/pre-assessment).)

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