

## RH300 RHCE Rapid Track course and RHCE exam

**Vendor Course Code:** RH300

**Course Length:** 5 days

### Overview:

The RHCE Fast Track Course with RHCSA and RHCE Exams (RH300) is designed for Senior Linux system administrators who want to validate their competency by earning the RHCSA and RHCE credentials. This is a fast-paced preparation course that combines the RHCSA Fast Track Course (RH199) and System Administration III (RH254) courses, normally eight days of training, into a single four-day course. Building on the students extensive knowledge of command line based Linux Administration, the course moves very quickly through the intermediate and advanced tasks covered by lab based knowledge checks and facilitative discussions. By the end of this course, the senior Linux administrator students will have been exposed to all the intermediate and advanced competencies tested by the RHCSA and RHCE exams. The RHCSA and RHCE exams are included with this course.

### Skills Gained:

A student attending this course will gain the skills to become a Red Hat Enterprise Linux system administrator who has been trained then tested by means of the RHCE Exam, a realistic performance-based lab exam that tests his/her actual ability to: install and configure Red Hat Enterprise Linux; understand limitations of hardware; configure networking and file systems; configure the X Window System; configure security, set up common network (IP) services, carry out diagnostics and troubleshooting, and perform essential Red Hat Enterprise Linux system administration.

### Key Topics:

- Unit 1 - Software Management
- Unit 2 - Network Management
- Unit 3 - Storage Management
- Unit 4 - Logical Volume Management (LVM)
- Unit 5 - Account Management
- Unit 6 - Authentication Management
- Unit 7 - Installation, Kickstart, and Virtualisation
- Unit 8 - Boot Management
- Unit 9 - Scheduling Commands (at and cron)
- Unit 10 - Security Enhanced Linux (SELinux) Management
- Unit 11 - Firewall Management
- Unit 12 - Network Time Protocol (NTP) Service
- Unit 13 - System Logging (rsyslog) Service
- Unit 14 - Web (HTTP/HTTPS) Service
- Unit 15 - Email (SMTP) Service
- Unit 16 - Domain Name System (DNS) Service
- Unit 17 - Network File System (NFS) Service
- Unit 18 - Common Internet File System (CIFS) Service
- Unit 19 - File Transfer Protocol (FTP) Service
- Unit 20 - Common UNIX Printing System (CUPS) Service
- Unit 21 - Secure Shell (SSH) Service
- Unit 22 - Virtual Network Computing (VNC) Service
- Unit 23 - Comprehensive Review

### Target Audience:

Experienced Senior Linux system administrators with a minimum of 3 years of Linux experience who want a fast track solution to earn an RHCE certification.

Experienced Solaris System administrators that have completed the Red Hat Enterprise Linux for Solaris Administrators (RH290) course

This course is not recommended for students who have successfully completed the RHCSA Rapid Track Course (RH200). For those students, the Red Hat System Administration III (RH254) course is recommended

**Prerequisites:**

Students must meet the requirements for attending Red Hat System Administration I, II and III courses

Students must have the same skill set as an RHCT / RHCSA

Confirmation of the correct skill-set required for this course can be obtained by passing the online pre-assessment quiz <http://www.redhat.com/explore/pre-assessment>