RHCE CERTIFICATION LAB WITH RHCSA AND RHCE EXAMS (RH300)

Course Code: 1282

This course is designed for individuals seeking a hands-on, lab-based review prior to taking the Red Hat Certified Engineer (RHCE) exam. People taking this course should have already completed their classroom training and simply be preparing to take or retake the exam. During the four-day course, you will work at your own pace through the complete set of labs from both the *RHCSA [Red Hat Certified System Administrator] Rapid Track course (RH199)* and *Red Hat System Administration III (RH254)*. This course includes a few instructor lectures designed to review key technologies such as systemd, firewalld, and IPv6. For the classroom and virtual classroom versions of this course, an instructor will be available throughout the week to assist students as they work through the labs. This version of the course includes the Red Hat® Certified System Administrator (RHCSA) EX200 and Red Hat® Certified Engineer (RHCE) EX300 exam on the final day of class.

This title is comprised of [RH299](#) , [EX200](#) , and [EX300](#). If you are not looking for private group training, the updated schedule can be found on the [RH299](#) course page. You may also call your training advisor for more information.

Note: Global Knowledge and Red Hat do not guarantee that anyone who takes one or all of the courses in the Red Hat certification program will pass a Red Hat exam. On-the-job experience, in combination with high-quality training, is the best way to build skills and prepare for a Red Hat exam. The exam itself is a hands-on learning experience, and many of those who do not pass on the first try come away with knowledge of what they need to work on to pass the exam on a re-take.

What You'll Learn

- Network configuration and basic troubleshooting
- Managing local storage, creating and using file systems
- Firewall management with firewalld
- Automating installation of Red Hat Enterprise Linux© using kickstart
- Manage SELinux settings
- Using NFS and Samba shared filesystems
- Network port security and link aggregation
- iSCSI initiator and target configuration

- Domain Name System (DNS) troubleshooting and caching name server
- Providing Network File System (NFS) and Server Message Block (SMB) file servers
- Apache HTTPD web server management
- MariaDB SQL datbase configuration
- Postfix Simple Mail Transfer Protocol (SMTP) nullclient for servers
- Bash scripting for automation

Who Needs to Attend

- RHCEs on Red Hat Enterprise Linux 6 or earlier who wish to recertify on Red Hat Enterprise Linux 7
- People who previously attempted the RHCE exam, did not pass, and wish to retake the exam
- Individuals who have completed the RHCE track courses (Red Hat System Administration I, II, and III or equivalent) and would like additional hands-on practice prior to taking the RHCE exam

Prerequisites

- Completed Red Hat System Administration I, II, and III or equivalent training
- Taking our online skills assessment prior to enrolling in this course is highly recommended
- Extensive UNIX administration experience by itself is not adequate for most students

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