RHCE CERTIFICATION LAB (RH299)

Course Code: 1281

This course is for individuals seeking a hands-on, lab-based review prior to taking the Red Hat Certified Engineer (RHCE) exam. Individuals taking this course should have already completed their classroom training and simply be preparing to take or retake the exam. During this 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 you as you work through the labs. This version of the course does not include the Red Hat® Certified System Administrator (RHCSA) EX200 or the Red Hat® Certified Engineer (RHCE) EX300 exam.

What You'll Learn

- Managing and troubleshooting systemd services during the boot process
- 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

- Students who previously attempted the RHCE exam, did not pass, and wish to retake the exam
- Students 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 Red Hat 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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