

RHCE Certification lab (RH299)

- **Formato do curso:** Presencial
- **Localidade:** Porto
- **Data:** 18 Nov. 2019 a 21 Nov. 2019
- **Preço:** 2080€
- **Horário:** Laboral - das 09h00 às 17h00
- **Nível:** Avançado
- **Duração:** 27 horas

O curso RH299 [o](#) RHCE Certification Lab foi pensado para os alunos que procurem uma experiência mais hands-on, baseado em laboratórios práticos, para ser usado como revisão para o exame EX300 Red Hat Certified Engineer (RHCE). Assume-se que os alunos já estiveram presentes nos cursos de preparação e apenas querem rever os tópicos dos mesmos para tentarem a certificação ou recertificação.

Os laboratórios incidem sobre os cursos: RH199 e RH254.

Skills Assessment

Use o diagnóstico de competências para descobrir quais as oportunidades de formação que mais se adequam a si, ou à sua equipa.

[Aceda aqui ao diagnóstico](#)

Destinatários

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

Pré-requisitos

- O formandos deverão já ter frequentado os cursos Red Hat System Administration I, II, e III ou ter conhecimentos equivalentes.
 - Recomenda-se fazer o teste de pré-assessment a fim de verificar se os pré-requisitos estão cumpridos.
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Objectivos

No final da ação de formação os participantes deverão estar aptos a:

- Gerir e resolver problemas to processo de boot e do system
 - Gerir e resolver problemas de rede
 - Gerir filesystems e partições
 - Gerir e configurar a firewall (firewalld)
 - Automatizar a instalação do Red Hat Enterprise Linux com a tecnologia kickstart
 - Configuração básica do SELinux
 - Usar o NFS e SAMBA
 - Usar um iSCSI initiator e target
 - Configuração de um Caching only DNS server
 - Configuração de um NFS server e Samba server
 - Instalação e configuração do Apache HTTPD server
 - Instalação do MariaDB
 - Configuração do Postfix SMTP server para null clientes
 - Iniciação ao bash scripting
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Programa

Software Management

- Manage packages with yum, rpm, and RHN build an RPM package and place it in a repository.

Network Management

- Configure and troubleshoot network settings configure network bonding.

Storage Management

- Manage partitioning, filesystems and swap space configure encrypted partitions and iSCSI initiator.

Logical Volume Management (LVM)

- Manage physical volumes, volume groups and logical volumes with their filesystems.

Account Management

- Provide password aging for accounts use ACLs and SGID directories for collaborative directories.

Authentication Management

- Configure an LDAP and Kerberos client configure autofs to support authentication client.

Installation, Kickstart, and Virtualization

- Install a system and manage kickstart and firstboot use virtualization tools to manage virtual machines.

Boot Management

- Configure runlevels and systemctl reset the root password understand the boot process.

Scheduling Commands (at and cron)

- Schedule commands using at and cron.

Security Enhanced Linux (SELinux) Management

- Understand, troubleshoot, and manage SELinux.

Firewall Management

- Manage the firewall.

Network Time Protocol (NTP) Service

- Configure an NTP server and provide that service to clients.

System Logging (rsyslog) Service

- Troubleshoot by finding and analyzing logs configure remote logging.

Web (HTTP/HTTPS) Service

- Manage a web server with virtual hosts and using file/directory access controls.

Email (SMTP) Service

- Null client outbound smarthost relay accept inbound connections.

Domain Name System (DNS) Service

- Configure a caching nameserver and DNS forwarder.

Network File System (NFS) Service

- Manage the NFS service use autofs to access the NFS server.

Common Internet File System (CIFS) Service

- Configure a CIFS server use autofs to access the CIFS server.

File Transfer Protocol (FTP) Service

- Provide anonymous-only download service provide drop-box upload service.

Common UNIX Printing System (CUPS) Service

- Configure local and remote printers.

Secure Shell (SSH) Service

- Configure and implement SSH keys use SSH for port forwarding transfer data using rsync.

Virtual Network Computing (VNC) Service

- Configure remote desktops and connect to them securely.

Comprehensive Review

- Review tasks previously taught in class.