Enterprise Linux System Admin 3 with Exam Prep

Category: Infrastructure & IT Operations | **Vendor:** Various

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is designed for experienced Linux administrators who require networking and security administration skills.

About This Course

This course is designed for experienced Linux administrators who require networking and security administration skills.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

At the completion of this course, students already familiar with the RHCT/RHCSA administration skills will have exposure to all competencies tested by the RHCSA and RHCE exams.

Detailed Course Outline

Getting Started with the Classroom Environment

- Given a virtualized environment, begin to administrate multiple systems using prerequisite skills

Enhance User Security

- Configure system to use Kerberos to verify credentials and grant privileges via sudo

Bash Scripting and Tools

- Automate system administration tasks utilizing Bash scripts and text-based tools

File Security with GnuPG

- Secure files with GnuPG.

Software Management

- Use yum plugins to manage packages and understand the design of packages to build a simple package

Network Monitoring

- Profile running services then capture and analyze network traffic

Route Network Traffic

- Configure system to route traffic and customize network parameters with sysctl

Secure Network Traffic

- Secure network traffic through SSH port forwarding and iptables filtering/network address translation (NAT)

NTP Server Configuration

- Configure an NTP server

Filesystems and Logs

- Manage local file system integrity, monitor system over time, and system logging

Centralized and Secure Storage

- Access centralized storage (iSCSI) and encrypt filesystems

SSL-encapsulated Web Services

- Understand SSL certificates and deploy an SSL encapsulated web service

Web Server Additional Configuration

- Configure web server with virtual hosts, dynamic content, and authenticated directories

Basic SMTP Configuration

- Configure an SMTP server for basic operation (null client, receiving mail, smarthost relay)

Caching-Only DNS Server

- Understand DNS resource records and configure a caching-only name server

File Sharing with NFS

- Configure file sharing between hosts with NFS

File Sharing with CIFS

- Configure file and print sharing between hosts with CIFS

File Sharing with FTP

- Configure file sharing with anonymous FTP

Troubleshooting Boot Process

- Understand the boot process and recover unbootable systems with rescue mode

Additional Course Details

Nexus Humans Enterprise Linux System Admin 3 with Exam Prep training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Enterprise Linux System Admin 3 with Exam Prep course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Enterprise Linux System Admin 3 with Exam Prep?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day Enterprise Linux System Admin 3 with Exam Prep course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Enterprise Linux System Admin 3 with Exam Prep training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Enterprise Linux System Admin 3 with Exam Prep?

Yes, we provide corporate training, dedicated training, and closed classes for Enterprise Linux System Admin 3 with Exam Prep. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Enterprise Linux System Admin 3 with Exam Prep?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Enterprise Linux System Admin 3 with Exam Prep training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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