

# Linux System Security

**Duration:** 24.00 hours (3 days)

**19.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

### Linux System Security Course Overview

This highly practical instructor led Linux System Security course is aimed at Linux System Administrators who wish to enhance their knowledge of Linux security and increase the security level of their Linux systems.

The course covers detecting and restricting users and applications for Linux and Red Hat based Linux systems. Security compliance, logging and auditing are also covered along with hardening related tasks. The topics taught are relevant for all Linux distributions. The command line is demonstrated and used extensively throughout the course.

This Linux System Security course is based on the Red Hat/CentOS Linux distribution, the delegate will be able to apply the concepts covered on this course to other Linux based distributions.

Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

## About This Course

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## **Prerequisites & Entry Requirements**

### **General Prerequisites:**

## **Requirements**

Delegates attending this course should have experience of administering Linux in an Enterprise environment to the level covered on the pre-requisite courses.

Where Red Hat 9 courses are listed in the Pre-Requisite Courses section equivalent Red Hat 7 or Red Hat 8 courses would also suffice.

# Learning Outcomes

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

## Course Objectives

This course aims to provide the delegate with the knowledge to be able to query Linux systems for most security related events and harden many aspects of their systems.

The course explains and demonstrates subjects such as the; Linux logging and auditing framework, SELinux, the firewall, certificate authorities, network time, Secure Shell, Pluggable Authentication Modules, Host Intrusion and Detection Systems (HIDS, detecting and removing malware, password cracking, administering Sudo and encrypting files.

## Additional Course Details

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Nexus Humans, Linux System Security 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 ITS Data Analytics 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

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## **Q: What delivery options are available for Linux System Security?**

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
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## **Q: How many CPD hours does this course provide?**

The 3-day Linux System Security course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Linux System Security training?**

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Linux System Security?**

Yes, we provide corporate training, dedicated training, and closed classes for Linux System Security. 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.

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## **Q: Why choose Nexus Human for Linux System Security?**

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
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## Q: Are there any discount codes available?


Yes! Use discount code **PENPALS** when booking your Linux System Security training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

 Email: [info@nexushuman.com](mailto:info@nexushuman.com)

 Website: [www.nexushuman.com](http://www.nexushuman.com)

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)

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