

# Linux Networking

**Duration:** 8.00 hours (1 days)

**6.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

### Linux Networking Course Overview

This highly practical instructor led Linux Networking course introduces the delegate to the main concepts of Linux networking and TCP/IP. It describes the structure of networks, topologies, TCP/IP Protocol suite, IP addressing, Application Layer protocols and packet capture techniques using Wireshark.

The delegate will learn Linux commands to view and configure Linux network cards, IPv4 and IPv6 addresses as well as subnetting and analysis of network packets for key applications using Wireshark. This Linux Networking 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**

There are no formal pre-requisites, although knowledge and understanding of an operating system is essential. Having LINUX/UNIX knowledge is particularly advantageous, as the course is built around TCP/IP and LINUX/UNIX.

# Learning Outcomes

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

## Course Objectives

To provide the skills necessary for the delegate to design, build, test and subnet TCP/IP Networks. The delegate will also learn how to capture packets and trace and rectify faults on the network.

## Additional Course Details

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Nexus Humans, Linux Networking 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 Networking?**

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 1-day Linux Networking course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

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

Yes, we provide corporate training, dedicated training, and closed classes for Linux Networking. 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 Networking?**

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 Networking 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

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