TCP/IP Networking

Duración: 5 Días   Código del Curso: GK9025

Temario:

Learn the essential skills needed to set up, configure, support, and troubleshoot your TCP/IP-based network.

TCP/IP is the globally accepted group of protocols at the core of the Internet and organizational intranets. A solid understanding of each of these protocols and how they work will give you the ability to deploy the most effective network for your organization. In this course, you will gain the essential knowledge and skills required to set up, configure, support, and troubleshoot your TCP/IP-based network.

Our expert instructors and extensive hands-on labs will prepare you to face and overcome the challenges of today's complex networks. This course-the longest running of its kind in the industry-also prepares you for more specialized courses in network security, wireless integration, and Voice over IP, as well as for product-specific training such as Cisco, Nortel, and Microsoft.

Dirigido a:

Anyone who is responsible for designing, installing, configuring, and maintaining TCP/IP networks or who needs to understand TCP/IP protocol structures and functions will benefit from this course. This course also provides excellent preparation for more advanced networking training.

Objetivos:

- How switches and routers interconnect using equipment from multiple vendors

- IP addressing and how to create subnets

- How TCP/IP works and how to configure it on various devices

- Capture and view network traffic using a protocol analyzer

- Wireless network options available

- Basic security and firewall issues

- How Ethernet works and how all of the various forms can be connected

- Basics of layered network protocols

- Difference between logical and physical network segments

- Install Cat 5e UTP and fiber optic cables

- How VLANs function

- When and how to use NAT

- Function of various routing protocols such as RIP, IGRP, and OSPF

- An overview of WAN technologies

- Functions of NetBIOS and NetBEUI

- Benefits and issues of Instant Messaging

Prerequisitos:

- Haber asistido al curso GK3150 - Understanding Networking Fundamentals

Siguientes cursos recomendados:

- GK3277 - Voice over IP Foundations
- GK3605 - Wireless LAN Foundations

Contenido:

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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