Training Course:
Server Administration Fundamentals (Server+ SK0-004)

6 - 10 May 2024
London (UK)
Landmark Office Space - Oxford Street

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Training Course code: IT234659 From: 6 - 10 May 2024 Venue: London (UK) - Landmark Office Space - Oxford Street
Training Course Fees: 5775 Euro

Introduction

This course is designed to prepare the Trainee for the CompTIA Server+ SK0-004 exam. Once in our course review our course map to see just how we align with CompTIA's Server.

Learn the main exam objectives by learning these key concepts we cover:

- Understanding Servers

- Installing and Configuring Servers

- Configuring Server Operating Systems

- Server Administration and Maintenance

- Virtual Server Essentials

- Understanding Storage Systems

- Configuring and Maintaining Storage Systems

- Server Security Essentials

- Network Configuration and Administration

- Server Disaster Recovery

- Troubleshooting Server Problems

Course Objectives of Server Administration Fundamentals Server+ SK0-004

- Learn how to install, configure, and update Network Operating Systems.
- Understand server virtualization concepts, features, and considerations.
- Write, utilize, and maintain server documentation, diagrams, and procedures.
- Review different server types, such as File Server, Web Server & DNS Server.
- Troubleshoot server problems using the appropriate tools and methods.
- Know how to determine and set up the appropriate area to house physical servers.
- Comprehend different server types, such as File Server, Web Server & DNS Server.
- Be able to deploy and upgrade system hardware and storage devices.

Target Audience of Server Administration Fundamentals Server+ SK0-004

- IT professional

- Network administrator

- Systems engineer

- Help desk technician

- Hardware technician

Course Outline of Server Administration Fundamentals Server+ SK0-004

Day 1

- Gain a brief history of network servers and then cover the different types of servers you may encounter, what their different purposes and functions are, and their key features.
- From server form factors to processors, RAM, hardware, and keeping the servers cool, you will begin to understand the different kinds of servers you can get and the first steps in utilizing them.

Day 2

- Cover several important topics to help you understand the process of selecting, installing, and configuring an operating system on your server from selecting and understanding operating systems.
- We discuss the best ways to access the server along with the different administration techniques. We also discuss fault tolerance, asset management, and maintaining appropriate documentation.

Day 3

- Let's explore virtualization. What is virtualization? Why does it matter? Then let's discuss hypervisors and the important role they play in the virtualization process.
- Understand storage systems by looking at hard disks, RAID, independent disks, and so forth. Next discuss other types of storage such as SAN and external drives, and how to calculating capacity.
- Review real-life scenarios and demonstrations about creating, formatting, or managing partitions and volumes, internal and external drives, arrays, encryption, and compressing data.

Day 4

- Be able to cover all your security needs from physical security to server hardening to hard wiping a hard drive and more.
- Learn about IP addressing such as IPv4 and IPv6, networking services, and network infrastructure. We also discuss port and protocols, and how to scan for open ports. Then, we talk about cables.
- Take a closer look at server disaster recoveries such as continuity operations, the different types of recovery sites, data replications, and backup methodology and media.

Day 5

- We cover troubleshooting server problems and discuss the various methodologies involved in troubleshooting both the hardware and software, along with many errors you might face and why.
- In this, you will demonstrate your proficiency in the principles, concepts, and tools used in completing the

Registration form on the Training Course:
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