CompTIA Server+

Duration: 5 Days **Course Code: G012** **Version: SK0-005**

Overview:

This 5-day CompTIA IT Server+ course is designed to give IT personnel all the necessary base skills to support network servers within the corporate network. The course gives hands-on experience with installation, configuration, diagnosis, and troubleshooting server hardware and NOS issues.

Target Audience:

The course is targeted for computer technicians with a practical technical background who wish to formalise their knowledge and pass the Server+ exam.Server Support TechnicianServer AdministratorIT/Server TechnicianStorage Administrator

Objectives:

- Describe different types of servers, and identify hardware and software components used in servers.
- Install servers into a network environment.
- Configure servers for optimal performance.
- Employ preventive maintenance measures to keep servers running at acceptable performance levels.
- Upgrade server hardware and software.
- Discuss environmental issues that pertain to server operation.
- Troubleshoot problems with server hardware and software.
- Identify and explain disaster-recovery concepts and techniques.

Prerequisites:

Delegates are required to meet the following prerequisites:

- A+ Certification: Core Hardware
- A+ Certification: Operating SystemsNetwork+ Certification

Testing and Certification

Recommended as preparation for exam(s):

- This course is preparation for the CompTIA Server+ (SK0-005)

Content:

Introduction to Servers

- Investigating Different Types of Servers
- Identifying Server Hardware
- Identifying Network Operating Systems and Other Software

Installing Servers

- Planning for Server Installation
- Adding Server Hardware
- Verifying the Installation
- Data-transmission Media

Configuring Servers

- Checking and Upgrading BIOS and Firmware Levels
- Configuring RAID
- Installing Network Operating Systems and Other Software
- Configuring External Peripheral Devices
- Installing System Monitoring Agents and Service Tools
- Documenting the Server

Maintaining Servers

- Backing Up Server Data
- Baselining Servers and Monitoring Server Performance
- Setting SNMP Thresholds
- Keeping the Server Clean
- Verifying Hardware
- Establishing Remote Notification

Upgrading Server Components

- Creating and Using Upgrade Check Lists
- Adding and Replacing Hardware
- Upgrading Server Software

Exploring Environmental Issues Surrounding Servers

- Evaluating the Physical Security of Servers
- Evaluating the Server Room Environment

Troubleshooting Servers

- Reviewing General Troubleshooting Information
- Analyzing the Problem and its Cause
- Using Diagnostic Software
- Identifying Bottlenecks

Exploring Disaster Recovery Concepts and Techniques

- Ensuring Redundancy and Availability
- Backups
- Creating a Disaster Recovery Plan

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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