

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.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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 Technician Server Administrator IT/Server Technician Storage Administrator

Objectives:

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

Delegates are required to meet the following prerequisites:

- A+ Certification: Core Hardware
- A+ Certification: Operating Systems Network+ Certification

Testing and Certification

Recommended as preparation for exam(s):

- This course is preparation for the CompTIA Server+ (SK0-005)
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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 Tel.: +974 40316639

training@globalknowledge.qa

www.globalknowledge.com/en-qa/

Global Knowledge, Qatar Financial Center, Burj Doha, Level 21, P.O.Box 27110, West Bay, Doha, Qatar