

## CompTIA Server+

**Duration: 5 Days**    **Course Code: G012**    **Version: SK0-005**    **Delivery Method: Virtual Learning**

### 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.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### 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.

### 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)

## 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

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## Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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