CompTIA Server+

Duration 5 Days

COURSE OVERVIEW

This course builds on existing professional experience with personal computer hardware support to present the next tier of skills & concepts students will use on the job when administering any type of network server. This course covers server hardware installation and management, server administration, security and disaster recovery and troubleshooting. This course also prepares you to take the CompTIA Server+ examination (Exam SK0-005).

COURSE OBJECTIVES

Upon successful completion of this course, you will be able to perform the duties of a server administrator.
In this course, you will:

- Build, maintain, troubleshoot, secure and support server hardware and software technologies
- Implement virtualization and storage solutions for local, enterprise and cloud environments
- Understand and comply with disaster recovery and general security procedures
- Be familiar with industry terminology and concepts
- Understand server roles and their interaction in a dynamic computing environment
- Use automation, scripting and virtualization to optimize server management
- Understand on-premise and hybrid server environments to accommodate both enterprise and small business needs
- Understand server administration and troubleshooting both on-premise and remotely
- Be familiar with cloud computing concepts as they apply to server administration and maintenance

COURSE OUTLINE

Understanding Server Administration Concepts

- Topic A: Understand Server Administration Concepts
- Topic B: Understand Troubleshooting Methods
- Exam objectives covered: 4.1 Explain the troubleshooting theory and methodology
- Topic C: Manage License
- Exam objectives covered: 2.8 Explain Licensing Concepts

Understanding Virtualization and Cloud Computing

- Topic A: Understand Virtualization Concepts
- Exam objectives covered: 2.5 Summarize the purpose and operation of virtualization
- Topic B: Understanding Cloud Concepts
- Exam objectives covered: 2.5 Summarize the purpose and operation of virtualization
- Topic C: Understand On-Premises versus Cloud Deployments
- Exam objectives covered: 2.5 Summarize the purpose and operation of virtualization.

Understanding Physical and Network Security Concepts

- Topic A: Understand Physical Security Concepts
- Exam objectives covered: 3.2 Summarize Physical Security Concepts
- Topic B: Understand Network Security Concepts
- Exam objectives covered: 2.2 Given a scenario, configure servers to use network infrastructure services

NETWORK TRAINING CENTER CO.,LTD. (NTC) | www.trainingcenter.co.th
Call us today 0-2634-7993-4
177/1 BUI Bldg., 14th Fl., Unit 1, 3 & 4, Surawongse Rd., Suriyawongse, Bangrak, Bangkok, THAILAND | Email: sales@trainingcenter.co.th

Managing Physical Assets

- Topic A: Understand Asset Management Concepts
- Exam objectives covered: 2.7 Explain the importance of asset management and documentation
- Topic B: Manage Documentation
- Exam objectives covered:2.7 Explain the importance of asset management and documentation

Managing Server Hardware

- Topic A: Manage the Physical Server
- Exam objectives covered: 1.1 Given a scenario, install physical hardware
- Topic B: Administer the Server and Storage
- Exam objectives covered: 1.1 Given a scenario, install physical hardware
- 1.3 Given a scenario, perform server hardware maintenance
- Topic C: Troubleshoot Server Hardware
- Exam objectives covered: 4.2 Given a scenario, troubleshoot common hardware failures

Configuring Storage Management

- Topic A: Manage Storage
- Exam objectives covered: 1.2 Given a scenario, deploy and manage storage
- Topic B: Troubleshoot Storage
- Exam objectives covered: 4.3 Given a scenario, troubleshoot storage problems

Installing and Configuring An Operating System

- Topic A: Install an Operating System
- Exam objectives covered: 2.1 Given a scenario, install server operating systems
- Topic B: Configure Storage
- Exam objectives covered: 2.1 Given a scenario, install server operating systems
- Topic C: Configure Network Settings
- Exam objectives covered: 2.2 Given a scenario, configure servers to use network infrastructure services
- Topic D: Use Scripts to Configure Servers
- Exam objectives covered: 2.1 Given a scenario, install server operating systems
- 2.6 Summarize scripting basics for server administration

Troubleshooting OS, Application, And Network Configurations

- Topic A: Troubleshoot an Operating System and Applications
- Exam objectives covered: 4.4 Given a scenario, troubleshoot common OS and software problems
- Topic B: Troubleshoot Network Configurations
- Exam objectives covered: 4.5 Given a scenario, troubleshoot network connectivity issues

Managing Post-Installation Administrative Tasks

- Topic A: Understand Secure Administration Practices
- Exam objectives covered: 3.3 Explain important concepts pertaining to identity and access management for server administration
- Topic B: Manage Server Functions
- Exam objectives covered: 2.3 Given a scenario, configure and maintain server functions and features
- Topic C: Configure Server Hardening
- Exam objectives covered: 3.5 Given a scenario, apply server hardening methods

Managing Data Security

- Topic A: Understand Data Security Concepts
- Exam objectives covered: 3.1 Summarize data security concepts
- Topic B: Manage Data Security
- Exam objectives covered: 3.4 Explain data security risks and mitigation strategies
- Topic C: Troubleshoot Data Security
- Exam objectives covered: 4.6 Given a scenario, troubleshoot security problems

NETWORK TRAINING CENTER CO.,LTD. (NTC) | www.trainingcenter.co.th

Call us today 0-2634-7993-4

177/1 BUI Bldg., 14th Fl., Unit 1, 3 & 4, Surawongse Rd., Suriyawongse, Bangrak, Bangkok, THAILAND | Email: sales@trainingcenter.co.th

Managing Service and Data Availability

- Topic A: Manage Data Backup and Restore
- Exam objectives covered: 3.7 Explain the importance of backups and restores
- Topic B: Manage High Availability
- Exam objectives covered: 2.4 Explain the key concepts of high availability for servers
- Topic C: Manage Disaster Recovery
- Exam objectives covered: 3.8 Explain the importance of disaster recovery

Decommissioning Servers

- Topic A: Decommission Servers
- Exam objectives covered: 3.6 Summarize proper server decommissioning concepts

WHO SHOULD ATTEND

This course is designed for IT professionals such as PC, desktop, and help desk technicians who have experience supporting PC hardware who wish to make the transition to become server hardware and support specialists. This course is also designed for existing server managers who are preparing to take the CompTIA Server+ Exam SK0-004.

PREREQUISITES

It is expected that, prior to taking this course, you have:

- A+ certified or equivalent knowledge.
- 24 months of hands-on experience working in a server environment.

NETWORK TRAINING CENTER CO.,LTD. (NTC) | www.trainingcenter.co.th

Call us today 0-2634-7993-4

177/1 BUI Bldg., 14th Fl., Unit 1, 3 & 4, Surawongse Rd., Suriyawongse, Bangrak, Bangkok, THAILAND | Email: sales@trainingcenter.co.th