

CompTIA Server+

Course Duration : 5 days
Audience : Candidates who have about 1 year of hands-on experience in installing, configuring, diagnosing and troubleshooting servers.

Contents

Planning for a Server and Its Environment

- **Laying The Ground work**
 - Reading documentation
 - Logging Information
 - Determining Need
 - Selection of Operating System
 - Architecture Basic
- **Planning the Server's Environment**
 - Space Planning
 - Addressing Power Needs
 - Planning Physical Installation
 - Preparing Backups and Monitoring
 - Creating a Disaster Recovery Plan
- **Planning The System**
 - Processing Capacity
 - Memory Requirements
 - Disk Storage
 - Network Connectivity

Installing and Configuring a Server

- **Gathering and Configuring Firmware and Drivers**
 - Downloading firmware and drivers
 - Implementing Firmware Upgrades
 - Optimizing BIOS settings
 - Configuring RAID Settings
- **Installing & Configuring The Network Operating System**
 - Choosing Installation Method
 - Installing the Operating System
 - Configuring Network Operating System
- **Installing Hardware and Peripheral Drivers**
 - Configuring External Peripherals
 - Updating Manufacturer Specific Drivers
- **Performing Routine Tasks**
 - Reviewing Events and Console Logs
 - Performing Manual and Unattended Shutdowns
- **Monitoring a Server's Performance**
 - Understanding Performance Data
 - Running Performance Baselines
 - Comparing Performance Trends
- **Documenting the Installation**
 - Creating Hardware Inventory
 - Gathering Vendor Contact and Warranty Information
 - Documenting Network Operating System

Upgrading a Server and Peripherals

- **Upgrading Processors and Memory**
 - Adding Memory
- **Adding Hard Disks**
 - Verifying Driver Types and Cabling
 - Installing a Hard Disk
 - Adding a RAID Array
- **Adding and Upgrading Add-On Cards**
 - Verifying Resource Availability
 - Verifying Compatibility
 - Installing Add-On Cards
- **Upgrading UPS, Monitoring the System, and Choosing Service Tools**
 - Upgrading UPS
 - Monitoring The System
 - Selecting Service Tools

Performing Proactive Maintenance

- **Establishing a Back-Up Plan**
 - Types of Back-Ups
 - Establishing a Back-Up Plan
 - Maintaining Back-Ups
- **Performing Physical Housekeeping and Verification**
 - Performing Physical Housekeeping
 - Performing Hardware Verification
- **Troubleshooting Common Problems**
 - Applying Scientific Methods to Troubleshooting
 - Quantifying The Problem
 - Knowing Who to Call
- **Trouble Shooting Common Problems**
 - Boot-Up Problems
 - Network Problems
 - Common Problems



Training Methodology

- Classroom based lecture and hands-on Lab sessions
- Provides numerous screenshots and diagrams that illustrate important utilities and concepts.
- Features extensive learning tools, including review questions, hands-on projects, and case projects.

Certification

This course prepares individuals for the Comptia's Server+ Certification Exam.

Integer Knowledge Pte Ltd

10 Anson Road #16-22 International Plaza Singapore 079903
Tel: (65) 6226 1161 Fax (65) 6221 5749 www.integerknowledge.com
Email : contact@integerknowledge.com