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# CURSO DE SOPORTE TÉCNICO

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TI



**INVERSIÓN**  
\$5,929.00 + IVA

**DURACIÓN**  
100 HRS.

**MODALIDAD**  
En Linea

# CURSO DE SOPORTE TÉCNICO

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## OBJETIVO

El curso de Soporte Técnico TestOut PC Pro prepara a los estudiantes para los exámenes de certificación TestOut PC Pro y CompTIA A+ 220-901 y 220-902. Los estudiantes usan formatos múltiples de aprendizaje para aprender cómo instalar, administrar y proteger el hardware informático y los entornos de sistemas operativos maestros del hogar y la empresa.

## DIRIGIDO A

Este curso de Soporte Técnico va dirigido a toda persona que quiera obtener las certificaciones CompTIA A+ 220-901 y 220-902, o que desee prepararse para ser un especialista en asistencia de TI o técnico de una mesa de ayuda.



# CURSO DE SOPORTE TÉCNICO

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## BENEFICIOS

### Aprobado por CompTIA

TestOut PC posee contenido de calidad aprobado por CompTIA y se ha verificado que cubre el 100 % de los objetivos de los exámenes de CompTIA A+ 220-901 y 220-902.

### Simulaciones de la vida real

LabSim imita \$35 000 USD en hardware y software informático y desafía a los estudiantes con escenarios del mundo real. En una simulación, los estudiantes pueden instalar hardware en una PC, arrancarla y luego configurar ese hardware en el sistema operativo. Los escenarios que encuentran en el curso imitan situaciones de la vida cotidiana que experimentarán en el trabajo como técnico de TI.

### Simulaciones finales y de ensayo

TestOut PC Pro incluye simulaciones finales que permiten a los estudiantes demostrar el dominio de habilidades específicas de un técnico de PC. El curso también ofrece simulaciones de ensayo que brindan a los estudiantes un ambiente donde pueden experimentar usando una variedad de hardware.

### Múltiples sistemas operativos

En lugar de obtener experiencia con solo un sistema operativo, TestOut PC Pro enseña a los estudiantes cómo completar tareas en varios sistemas operativos populares, como Windows 10, Windows 8, Windows 7, Linux, macOS, BIOS/UEFI y más.

### Exámenes ilimitados de práctica de certificación

TestOut PC Pro incluye exámenes de práctica para el examen de certificación TestOut PC Pro y los exámenes de certificación CompTIA A+ 220-901 y 220-902. Los estudiantes pueden adquirir confianza y habilidades de prueba al practicar todas las veces que lo deseen.

## TEMARIO



## I. COMPUTING OVERVIEW

### a. Course Introduction

- i. PC Pro Introduction (6:42)

### b. Using the Simulator

- i. Using the Simulator (20:23)
- ii. Explore the Lab Interface
- iii. Working with Internal Components (12:30)
- iv. Connect Internal Components

### c. Hardware Basics

- i. Computing Basics (10:52)
- ii. Computing Facts
- iii. External Components (5:51)
- iv. Port and Connector Facts
- v. Adapter and Converter Facts
- vi. Set Up a Computer
- vii. Internal Components (3:09)
- viii. Practice Questions

### d. Windows Basics

- i. Windows Operating Systems (5:17)
- ii. Windows Operating System Facts
- iii. Using the Windows 7 Interface (10:53)
- iv. Using the Windows 8 Interface (8:29)
- v. Using the Windows 10 Interface (9:27)
- vi. Windows Interface Facts
- vii. Practice Questions

### e. Linux Basics

- i. Linux Operating Systems (7:31)
- ii. Using Linux Shell Commands (14:55) 1.5.3 Linux Facts



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- iii. Using Shell Commands
- iv. Shutdown a Linux System
- v. Practice Questions

## f. **Mac OS Basics**

- i. 6.1 Mac OS Introduction (5:58)
- ii. 6.2 Using the Mac OS Interface (8:39)
- iii. 6.3 Mac OS Features and Settings (7:04) 1.6.4 Mac OS Facts
- iv. 6.5 Practice Questions

## II. **PC TECHNICIAN**

### a. **Protection and Safety**

- i. Safety (4:53)
- ii. Safety Measures
- iii. Electrostatic Discharge (5:21)
- iv. Protecting Against ESD (4:08)
- v. ESD Facts
- vi. Environmental Concerns (5:27)
- vii. Environmental Facts
- viii. Practice Questions

### b. **Professionalism**

- i. Professionalism (4:20)
- ii. Professionalism Facts
- iii. Practice Questions

### c. **PC Tools**

- i. PC Toolkit (5:21)
- ii. Tool Facts
- iii. Practice Questions

### d. **PC Maintenance**

- i. PC Maintenance Best Practices (3:22)
- ii. PC Maintenance Facts
- iii. Protecting Power (10:38)



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- iv. Configuring UPS Settings (12:11)
- v. Power Protection Facts
- vi. Install a UPS
- vii. Practice Questions

#### e. **Troubleshooting Overview**

- i. Troubleshooting Process (7:00)
- ii. Troubleshooting Process Facts
- iii. Practice Questions

### III. **SYSTEM COMPONENTS**

#### a. **Cases and Form Factors**

- i. Cases and Form Factors (6:23)
- ii. System Case Facts
- iii. Practice Questions

#### b. **Power Supplies**

- i. Power Supplies (4:10)
- ii. Power Supply Facts
- iii. Identifying Power Supply Components (6:00)
- iv. Changing the Power Supply (8:28)
- v. Install a Power Supply
- vi. Practice Questions

#### c. **Motherboards and Buses**

- i. Motherboard Components (4:43)
- ii. Motherboard Facts
- iii. Installing a Motherboard (6:20)
- iv. Motherboard Installation Facts
- v. Choose and Install a Motherboard
- vi. Practice Questions

#### d. **Motherboard Troubleshooting**

- i. Motherboard Troubleshooting (8:19)
- ii. Motherboard Troubleshooting Facts



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- iii. Troubleshoot System Power
- iv. Troubleshoot Power Supply Problems
- v. Practice Questions

**e. Processors**

- i. Processor Concepts (17:03)
- ii. CPU Facts
- iii. CPU Performance Facts
- iv. CPU Socket Facts
- v. Installing a Processor (6:35)
- vi. CPU Installation Facts
- vii. Select and Install a Processor 1
- viii. Select and Install a Processor 2
- ix. Practice Questions

**f. Processor Troubleshooting**

- i. Processor Troubleshooting (6:18)
- ii. Processor Troubleshooting Facts
- iii. Troubleshoot Processor Installation 1
- iv. Troubleshoot Processor Installation 2
- v. Practice Questions

**g. Memory**

- i. Random Access Memory (4:13)
- ii. DRAM Types (6:18)
- iii. RAM Facts
- iv. Memory Speed (13:16)
- v. Memory Speed Facts
- vi. Practice Questions

**h. Memory Installation**

- i. Memory Characteristics (15:15)
- ii. Memory Facts
- iii. Select Memory by Sight
- iv. Selecting the Correct Memory Module (10:41)



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- v. Installing Memory (7:52)
- vi. Memory Installation Facts
- vii. Install Triple Channel Memory
- viii. Practice Questions
- i. Memory Troubleshooting**
  - i. Memory Troubleshooting (6:36)
  - ii. Testing Memory (4:36)
  - iii. Memory Troubleshooting Facts
  - iv. Troubleshoot Memory 1
  - v. Troubleshoot Memory 2
  - vi. Practice Questions
- j. BIOS/UEFI**
  - i. BIOS/UEFI (12:03)
  - ii. PC Boot Process (4:06)
  - iii. BIOS/UEFI Facts
  - iv. Editing BIOS/UEFI Settings (14:36)
  - v. Using BuiltIn System Diagnostics (1:40)
  - vi. Flashing the BIOS/UEFI (10:28)
  - vii. Find BIOS/UEFI Settings
  - viii. Clear CMOS Settings
  - ix. Practice Questions
- k. Expansion Cards**
  - i. Expansion Buses and Slots (4:30)
  - ii. Expansion Bus Types
  - iii. Installing an Expansion Card (4:18)
  - iv. Install Expansion Cards
  - v. Practice Questions
- l. Video**
  - i. Video Cards (5:32)
  - ii. Video Card Facts
  - iii. Installing a Video Card (6:12)





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- iv. Video Card Installation Facts
- v. Upgrade a Video Card
- vi. Practice Questions

**m. Audio**

- i. Digital Audio (9:07)
- ii. Sound Cards (3:38)
- iii. Sound Card Facts
- iv. Managing Audio Devices (12:41)
- v. Sound Card Installation Facts
- vi. Sound Card Connectors
- vii. Select and Install a Sound Card
- viii. Practice Questions

**n. Cooling**

- i. System Cooling (7:55)
- ii. System Cooling Facts
- iii. Practice Questions

## IV. PERIPHERAL DEVICES

**a. Peripheral Devices**

- i. Peripheral Devices (3:27)
- ii. Peripheral Device Facts
- iii. Connect a KVM Switch
- iv. Practice Questions

**b. USB**

- i. Universal Serial Bus (USB) (7:18)
- ii. USB Facts
- iii. Install USB Devices
- iv. Install a USB Adapter
- v. Practice Questions

**c. IEEE 1394 (FireWire)**

- i. FireWire (4:49)



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- ii. FireWire Facts
- iii. Connect FireWire Devices
- iv. Practice Questions
- d. Display Devices**
  - i. Display Devices (12:43)
  - ii. Display Device Facts
  - iii. Display Specifications (9:19)
  - iv. Display Specification Facts
  - v. Configuring Display Settings in Windows (10:17)
  - vi. Configuring Advanced Display Settings in Windows (11:37)
  - vii. Select and Configure Dual Monitors
  - viii. Configuring Display Settings in Linux (3:37)
  - ix. Configuring Display Settings in Mac OS (5:41)
  - x. Practice Questions
- e. Video Troubleshooting**
  - i. Video Troubleshooting (9:44)
  - ii. Video Troubleshooting Facts
  - iii. Optimize Video Settings
  - iv. Practice Questions
- f. Device Driver Management**
  - i. Device Installation (4:11)
  - ii. Installing Device Drivers (11:20)
  - iii. Managing Device Drivers on Windows (12:36)
  - iv. Managing Devices on Linux (12:24)
  - v. Managing Devices on Mac OS (2:38)
  - vi. Hardware Device Facts
  - vii. Device Driver Installation Facts
  - viii. Manage Devices
  - ix. Practice Questions
- g. Device Driver Troubleshooting**
  - i. Device Driver Troubleshooting (4:57)



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- ii. Troubleshooting Devices (9:34)
- iii. Device Troubleshooting Facts
- iv. Manage Devices 1
- v. Manage Devices 2
- vi. Practice Questions

## V. STORAGE

### a. Storage Devices

- i. Storage Devices (11:42)
- ii. Storage Device Facts
- iii. Practice Questions

### b. SATA

- i. SATA (7:34)
- ii. Installing a SATA Device (6:03)
- iii. SATA Installation Facts
- iv. Install SATA Devices
- v. Practice Questions

### c. Optical Media

- i. CD Drives (5:24)
- ii. DVD Drives (5:32)
- iii. Bluray (3:49)
- iv. Optical Media Facts
- v. Practice Questions

### d. RAID

- i. RAID (11:05)
- ii. RAID Facts
- iii. Configuring a RAID Array (9:23)
- iv. RAID Configuration Facts
- v. Create RAID Arrays
- vi. Implement a RAID Solution
- vii. Practice Questions



## e. File Systems

- i. Partitions, Volumes, and File Systems (3:58)
- ii. Viewing File System Components (10:24)
- iii. File System Facts
- iv. MBR Partitioning (14:43)
- v. MBR Partitioning Facts
- vi. GPT Partitioning (4:04)
- vii. GPT Partitioning Facts
- viii. Practice Questions

## f. File System Creation

- i. Creating Volumes with Disk Management (14:57)
- ii. Creating Volumes with Diskpart (7:49)
- iii. Create Volumes
- iv. Converting Volumes (10:17)
- v. Format Drives
- vi. Disk Status Facts
- vii. Practice Questions

## g. Storage Management

- i. Adding Storage (6:30)
- ii. Creating Mount Points and Extending Volumes (11:49)
- iii. Shrinking and Splitting Partitions (3:03)
- iv. Storage Management Facts
- v. Add Space to Existing Volumes
- vi. Practice Questions

## h. Storage Spaces

- i. Storage Spaces (9:31)
- ii. Creating Storage Spaces (11:09)
- iii. Storage Space Facts
- iv. Implement Storage Spaces
- v. Practice Questions



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## i. **Disk Optimization**

- i. Storage Optimization (13:26)
- ii. Optimizing Disks in Windows (14:01)
- iii. Optimizing Disks in Linux (8:13)
- iv. Optimizing Disks in Mac OS (4:33)
- v. Disk Optimization Facts
- vi. Perform Disk Maintenance
- vii. Practice Questions

## j. **Storage Troubleshooting**

- i. Storage Troubleshooting (8:51)
- ii. Storage Troubleshooting Facts
- iii. SSD Storage Issues (4:26)
- iv. SSD Maintenance Facts
- v. Troubleshoot SATA Devices
- vi. Practice Questions

## VI. **NETWORKING**

### a. **Networking Overview**

- i. Networking (5:23)
- ii. Network Types (7:47)
- iii. Networking Terms (10:58)
- iv. Networking Facts
- v. Networking Topologies (7:09)
- vi. Topology Facts
- vii. Practice Questions

### b. **Network Hardware**

- i. Network Infrastructure (8:33)
- ii. Network Devices (7:37)
- iii. Networking Infrastructure and Device Facts
- iv. Network Adapter Facts
- v. Select and Install a Network Adapter



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vi. Practice Questions

**c. Networking Media**

- i. Cable Media (11:38)
- ii. Coaxial Cable Facts
- iii. Twisted Pair Facts
- iv. Twisted Pair Connector Facts
- v. Fiber Optic Facts
- vi. Practice Questions

**d. Ethernet**

- i. Ethernet (4:31)
- ii. Ethernet Facts
- iii. Ethernet Standards
- iv. Practice Questions

**e. IP Networking**

- i. Device Addressing (6:47)
- ii. IP Addressing (8:07)
- iii. Addressing Facts
- iv. TCP/IP Protocol Facts
- v. Practice Questions

**f. IP Configuration**

- i. IP Configuration (7:14)
- ii. TCP/IP Configuration Methods (4:22)
- iii. Configuring TCP/IP Properties (12:53)
- iv. IP Configuration Facts
- v. Configure TCP/IP Settings
- vi. Configure Alternate TCP/IP Settings
- vii. Practice Questions

**g. IP version 6**

- i. IP Version 6 (5:21)
- ii. IPv6 Facts



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iii. Practice Questions

**h. 11 Wireless**

- i. Wireless Networking (6:13)
- ii. Installing a Wireless Network Adapter (2:56)
- iii. Wireless Networking Facts
- iv. Wireless Security (6:50)
- v. Wireless Security Facts
- vi. Configuring a Wireless Connection (9:26)
- vii. Connect to a Wireless Network
- viii. Configure a Wireless Profile
- ix. Practice Questions

**i. Infrared, Bluetooth, and NFC**

- i. Infrared, Bluetooth, and NFC (5:14)
- ii. Configuring Bluetooth Connections (9:56)
- iii. Infrared, Bluetooth, and NFC Facts
- iv. Practice Questions

**j. Internet Connectivity**

- i. Internet Services (11:51)
- ii. Internet Connection Facts
- iii. Configure a Cable Internet Connection
- iv. Configure a DSL Internet Connection
- v. Creating a Dialup Internet Connection (4:24)
- vi. Configure a Dialup Internet Connection
- vii. Practice Questions

**k. SOHO Configuration**

- i. SOHO Configuration (9:40)
- ii. SOHO Configuration Facts
- iii. Configuring a SOHO Router (13:13)
- iv. Configuring a Wireless Access Point (13:49)
- v. Access Point Configuration Facts
- vi. Windows Network Profile Facts



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- vii. Configure a Wireless Infrastructure
- viii. Practice Questions

## I. Network Utilities

- i. Network Utilities (6:17)
- ii. Using ipconfig and ifconfig (13:09)
- iii. Find Configuration Information 1
- iv. Find Configuration Information 2
- v. Find Configuration Information 3
- vi. Use ifconfig
- vii. Using ping and tracert (11:52)
- viii. Using nslookup (5:53)
- ix. TCP/IP Utilities
- x. Practice Questions

## m. HomeGroup Networking

- i. Implementing HomeGroups (10:10)
- ii. HomeGroup Facts
- iii. Practice Questions

## n. Network Troubleshooting

- i. Wired Network Troubleshooting (12:57)
- ii. Wired Network Troubleshooting Tool Facts
- iii. Wireless Network Troubleshooting (9:31)
- iv. Troubleshooting Network Connectivity (13:51)
- v. Network Troubleshooting Facts
- vi. Fix a Network Connection 1
- vii. Fix a Network Connection 2
- viii. Practice Questions

## VII. PRINTING

### a. Printers

- i. Printer Types (10:25)
- ii. Printer Type Facts





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- iii. Laser Printing Process (7:46)
- iv. Laser Printing Facts
  - v. Printer Connection Facts
  - vi. Printer Characteristics Facts
- vii. Choose a Printer
- viii. Practice Questions
- b. Printer Configuration**
  - i. Printing Configuration (8:41)
  - ii. Installing a Local Printer (15:06)
  - iii. Configuring Virtual Printing (5:56)
  - iv. Printer Configuration Facts
    - v. Select and Install a Printer
  - vi. Practice Questions
- c. Network Printing**
  - i. Network Printing (9:42)
  - ii. Sharing a Printer (12:35)
  - iii. Configuring a Wireless Network Printer (3:44)
  - iv. Network Printing Facts
    - v. Configure Network Printing
  - vi. Practice Questions
- d. Printing Management**
  - i. Configuring Printer Properties (13:42)
  - ii. Managing Print Jobs (8:35)
  - iii. Printing Management Facts
  - iv. Configure Printer Properties
  - v. Manage Printing
- e. Printer Maintenance**
  - i. Maintaining Laser Printers (10:31)
  - ii. Printer Preventative Maintenance Facts
  - iii. Practice Questions



## f. **Printer Troubleshooting**

- i. Printer Troubleshooting (9:49)
- ii. Troubleshooting Printing (14:46)
- iii. Printer Troubleshooting Facts
- iv. Practice Questions

## VIII. **MOBILE DEVICES**

### a. **Notebook Computers**

- i. Notebook Computers (8:46)
- ii. External Notebook Ports and Functions (5:36)
- iii. Notebook Facts
- iv. Notebook Special Keys Facts
- v. Practice Questions

### b. **Notebook Components**

- i. Changing a Notebook Hard Drive (2:37)
- ii. Installing Notebook Memory (3:33)
- iii. Changing a Notebook Keyboard (3:20)
- iv. Replacing LCD Components (7:15)
- v. Replacing Internal Notebook Components (16:32)
- vi. Notebook Upgrade and Repair Facts
- vii. Practice Questions

### c. **Notebook Power Management**

- i. Portable Power (5:02)
- ii. Notebook Power Facts
- iii. Configuring Power Options (8:54)
- iv. Power Management Facts
- v. Edit Power Options
- vi. Create a Power Plan
- vii. Practice Questions

### d. **Notebook Troubleshooting**

- i. Common Notebook Issues (11:15)



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- ii. Notebook Maintenance Facts
- iii. Notebook Troubleshooting Facts
- iv. Practice Questions

**e. Mobile Devices**

- i. Mobile Device Overview (9:58)
- ii. Mobile Device Facts
- iii. Mobile Communications Facts
- iv. Mobile Device Accessory Facts
- v. Practice Questions

**f. Mobile Device Networking**

- i. Networking Mobile Devices (8:54)
- ii. Mobile Device Connection Facts
- iii. Synchronizing Mobile Devices (6:22)
- iv. Data Synchronization Facts
- v. Configuring Email on Mobile Devices (3:03)
- vi. Mobile Email Configuration Facts
- vii. Manage Mobile Devices

**g. Mobile Device Security**

- i. Mobile Device Security (7:08)
- ii. Mobile Device Security Facts
- iii. Securing Mobile Devices (8:22)
- iv. Practice Questions

**h. Mobile Device Troubleshooting**

- i. Mobile Device Troubleshooting (7:23)
- ii. Maintaining Mobile Devices (7:06)
- iii. Mobile Device Troubleshooting Facts
- iv. Practice Questions

**IX. SYSTEM MANAGEMENT**

**a. Windows System Tools**

- i. Using Task Manager (19:06)



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- ii. Using Control Panel (4:44)
- iii. Using Management Consoles (10:28)
- iv. Viewing System Information (11:10)
- v. System Configuration and DirectX (8:13)
- vi. Using Regedit (8:30)
- vii. Windows Utilities Facts
- viii. System Command Facts
- ix. Practice Questions
- b. Preferences and Settings**
  - i. Personalizing Windows (10:27)
  - ii. Configuring Region and Language Options (4:12)
  - iii. Indexing Files (6:13)
  - iv. Preferences Facts
  - v. Practice Questions
- c. Performance Monitoring**
  - i. Performance Monitoring (6:22)
  - ii. Monitoring System Performance (13:19)
  - iii. Performance Monitoring Facts
  - iv. Practice Questions
- d. Users and Groups**
  - i. Users and Groups (6:30)
  - ii. Managing Local Users and Groups (14:57)
  - iii. User and Group Facts
  - iv. Authenticating with Online User Accounts (7:20)
  - v. Online Authentication Facts
  - vi. Manage Users and Groups
  - vii. Managing UAC Settings (12:50)
  - viii. UAC Facts
  - ix. Practice Questions
- e. Remote Services**
  - i. Remote Desktop (5:53)



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- ii. Using Remote Desktop (15:18)
- iii. Remote Desktop Facts
- iv. Remote Assistance (3:10)
- v. Remote Assistance Facts
- vi. Using Remote Assistance (9:10)
- vii. Configure Remote Services
- viii. Using Screen Sharing (5:36)
- ix. Screen Sharing Facts
- x. Practice Questions

#### **f. Windows Application Management**

- i. Windows Desktop Applications (4:34)
- ii. Desktop Application Management Facts
- iii. Configuring Application Compatibility (7:36)
- iv. Application Compatibility Facts
- v. Scheduling Tasks (5:19)
- vi. Windows Store Applications (2:43)
- vii. Managing Windows Store Apps (7:15)
- viii. Manage Applications
- ix. Practice Questions

#### **g. Linux Application Management**

- i. Installing Linux Software (6:32)
- ii. Managing Apps on Linux (2:28)
- iii. Managing Processes on Linux (6:43)
- iv. Linux Application Management Facts
- v. Manage Linux Processes
- vi. Practice Questions

#### **h. Digital Content Management**

- i. Software Licensing (8:00)
- ii. Digital Rights Management (DRM) (8:07)
- iii. Digital Content Management Facts
- iv. Practice Questions



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## **i. Updates**

- i. Updates (6:43)
- ii. Using Windows Update (12:23)
- iii. Update Facts
- iv. Configure Windows Update
- v. Updating Linux (4:18)
- vi. Updating Mac OS (2:59)
- vii. Performing a Firmware Update (4:01)
- viii. Practice Questions

## **j. System Backup**

- i. System Backup (6:35)
- ii. Backup Facts
- iii. Creating Backups in Windows (13:55)
- iv. Creating Backups in Linux (4:37)
- v. Using Time Machine on Mac OS (4:47)
- vi. Back Up the Computer
- vii. Configure File History
- viii. Practice Questions

## **k. System Protection**

- i. System Protection (4:53)
- ii. Using Restore Points (13:13)
- iii. Using Previous Versions (10:02)
- iv. System Protection Facts
- v. Create a Restore Point
- vi. Practice Questions

## **l. System Recovery**

- i. Windows 7 System Recovery (5:51)
- ii. Windows 8.x and 10 System Recovery (6:54)
- iii. Using Windows System Recovery Tools (7:52)
- iv. Using File Recovery Tools (8:31)
- v. Restore Data from File History



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- vi. Restoring Data on Linux (3:27)
- vii. Restoring Data on Mac OS (4:34)
- viii. System Recovery Facts
- ix. Practice Questions

**m. Virtual Memory**

- i. Windows Virtual Memory (6:57)
- ii. Managing the Paging File (8:00)
- iii. Virtual Memory Facts
- iv. Configure Virtual Memory
- v. Practice Questions

**n. Operating System Troubleshooting**

- i. Windows Operating System Issues (10:23)
- ii. Troubleshooting Windows Applications (12:42)
- iii. Troubleshooting Windows Services (6:25)
- iv. Application Troubleshooting Facts
- v. System Lockups (6:02)
- vi. System Errors Facts
- vii. Practice Questions

**o. Windows Boot Errors**

- i. Windows Boot Process (5:24)
- ii. Boot Process Facts
- iii. Modifying the Boot Order (8:43)
- iv. Configure the Boot Order
- v. Using Advanced Boot Options (10:27)
- vi. Windows Boot Options
- vii. Using the bootrec Command (6:55)
- viii. Startup Error Facts
- ix. Troubleshoot System Startup 1
- x. Troubleshoot System Startup 2
- xi. Troubleshoot System Startup 3
- xii. Troubleshoot System Startup 4



xiii. Practice Questions

## X. **SYSTEM IMPLEMENTATION**

### a. **Component Selection**

- i. Component Selection (7:56)
- ii. Component Selection Facts
- iii. Practice Questions

### b. **Windows Preinstallation**

- i. Windows Versions (7:02)
- ii. Windows Versions Facts
- iii. Preinstallation Planning (16:37)
- iv. Installation Planning Facts
- v. Verifying System Compatibility (3:03)
- vi. Practice Questions

### c. **Windows Installation**

- i. Windows Installation (8:34)
- ii. Preparing Disks for Installation (8:44)
- iii. Prepare Disks for Installation
- iv. Installing Windows (10:11)
- v. Installation Facts
- vi. Practice Questions

### d. **Post Installation**

- i. Post Installation (6:38)
- ii. Post Installation Facts
- iii. Migrating User Data with WET (9:28)
- iv. Migrating User Data with USMT (13:08)
- v. Practice Questions

### e. **Virtualization**

- i. Virtualization Overview (13:39)
- ii. Virtualization Facts
- iii. Creating a Virtual Machine (11:52)





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- iv. Enable VT in the BIOS
- v. Cloud Computing Overview (12:09)
- vi. Cloud Computing Facts
- vii. Practice Questions

## **XI. FILE MANAGEMENT**

### **a. Windows File Locations**

- i. System File Locations (11:08)
- ii. File Location Facts
- iii. Using Libraries (7:44)
- iv. Library Facts
- v. Practice Questions

### **b. Managing Files on Windows**

- i. Windows File and Folder Properties (7:48)
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- i. Shared Folders (3:18)



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- ii. Configuring Basic Folder Sharing on Windows (13:45)
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- ii. Viewing File Contents (7:49)
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- viii. Lab Sandbox

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