

## COMPTIA A+ CORE 2 (220-1002) EXAM CHAPTER 14: MAINTAINING AND OPTIMIZING OPERATING SYSTEMS

### OBJECTIVE MAPPING\*

#### EPISODE: PATCH MANAGEMENT

#### CORE 2 EXAM OBJECTIVES\*\*

##### DOMAIN 3.0 - HARDWARE

#### 3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- BIOS/UEFI settings
  - Firmware updates

##### DOMAIN 1.0 - OPERATING SYSTEMS

#### 1.3 Summarize general OS installation considerations and upgrade methods

- Load alternate third-party drivers when necessary
- Driver installation, software, and Windows updates

#### 1.5 Given a scenario, use Microsoft operating system features and tools

- System utilities
  - Windows Update

#### 1.9 Given a scenario, use features and tools of the Mac OS and Linux client/desktop operating systems

- Best practices
  - System updates/App Store
  - Patch management

##### DOMAIN 2.0 - SECURITY

#### 2.7 Given a scenario, implement security best practices to secure a workstation

- Patch/update management

#### EPISODE: WORKING WITH DISKS

#### CORE 2 EXAM OBJECTIVES

##### DOMAIN 1.0 - OPERATING SYSTEMS

#### 1.4 Given a scenario, use appropriate Microsoft command line tools

- chkdsk

#### 1.5 Given a scenario, use Microsoft operating system features and tools

- Disk Management

#### EPISODE: WORKING WITH APPLICATIONS

## CORE 2 EXAM OBJECTIVES

### DOMAIN 1.0 - OPERATING SYSTEMS

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#### 1.1 Compare and contrast common operating system types and their purposes

- 32-bit vs. 64-bit

#### 1.3 Summarize general OS installation considerations and upgrade methods

- Application compatibility

### EPISODE: SYSTEM RESTORE

## CORE 2 EXAM OBJECTIVES

### DOMAIN 1.0 - OPERATING SYSTEMS

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#### 1.3 Summarize general OS installation considerations and upgrade methods

- Type of installations
- Refresh/restore

#### 1.5 Given a scenario, use Microsoft operating system features and tools

- Disk Defragmenter
- System Restore

### DOMAIN 2.0 – SECURITY

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#### 2.4 Given a scenario, detect, remove, and prevent malware using appropriate tools and methods

- Tools and methods
  - Backup/restore

### DOMAIN 4.0 - OPERATIONAL PROCEDURES

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#### 4.3 Given a scenario, implement basic disaster prevention and recovery methods

- Backup and recovery
  - Critical applications

### EPISODE: BACKING UP YOUR FILES

## CORE 2 EXAM OBJECTIVES

### DOMAIN 1.0 - OPERATING SYSTEMS

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#### 1.3 Summarize general OS installation considerations and upgrade methods

- Type of installations
  - Repair installation

#### 1.9 Given a scenario, use features and tools of the Mac OS and Linux client/desktop operating systems

- Tools
  - Backup/Time Machine

### DOMAIN 2.0 – SECURITY

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#### 2.4 Given a scenario, detect, remove, and prevent malware using appropriate tools and methods

- Tools and methods
  - Backup/restore

### DOMAIN 4.0 – OPERATIONAL PROCEDURES

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#### 4.3 Given a scenario, implement basic disaster prevention and recovery methods

- Backup and recovery

- Image level
  - File level
  - Critical applications
- Backup testing

## EPISODE: TASK SCHEDULER

### CORE 2 EXAM OBJECTIVES

#### DOMAIN 1.0 - OPERATING SYSTEMS

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##### **1.5 Given a scenario, use Microsoft operating system features and tools**

- Administrative
  - Task Scheduler

\*This document can be used to determine what CompTIA A+ exam objectives are in each episode, as well as map where those objectives are in the official “CompTIA A+ 220-1101 Exam Objectives (2.0)” PDF resource that accompanies this course.

\*\*Why am I seeing different Core exams than what I’m studying? In some cases, you may be watching a video series that focuses on the Core 1 exam, however some of the episodes contain Core 2 exam objectives, or vice versa. There are 2 reasons for this: 1) The other Core exam topic is covered to give you a better, fuller understanding of the surrounding topics, and 2) Some episodes contain information from both Core exams because the topics coincide with each other and are more easily taught in 1 episode than breaking them out into separate episodes.