COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 22: VIRTUALIZATION

OBJECTIVE MAPPING*

EPISODE: UNDERSTANDING VIRTUALIZATION

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.2 Given a scenario, set up and configure client-side virtualization

- Purpose of virtual machines
- Emulator requirements
- Hypervisor

EPISODE: YOUR FIRST VIRTUAL MACHINE

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.2 Given a scenario, set up and configure client-side virtualization

- Resource requirements
- Security requirements
- Network requirements

EPISODE: ADVANCED VIRTUALIZATION SETUP

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.2 Given a scenario, set up and configure client-side virtualization

- Resource requirements
- Security requirements
- Network requirements

EPISODE: CLOUD COMPUTING

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.1 Compare and contrast cloud computing concepts

- Common cloud models
  - IaaS
  - SaaS
  - PaaS
- Rapid elasticity
- On-demand

- Resource pooling

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.1 Compare and contrast cloud computing concepts
- Common cloud models
  - Public vs. private vs. hybrid vs. community

CORE 1 EXAM OBJECTIVES

DOMAIN 4: VIRTUALIZATION AND CLOUD COMPUTING

4.1 Compare and contrast cloud computing concepts
- Off-site email applications
- Cloud file storage services
  - Synchronization apps
- Virtual application streaming / cloud-based applications
  - Applications for cell phones / tablets
  - Applications for laptops / desktops

*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+ 220-1001 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.