

## COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 21: THE INTERNET

### OBJECTIVE MAPPING\*

#### EPISODE: BEYOND THE LAN

##### CORE 1 EXAM OBJECTIVES

##### DOMAIN 2: NETWORKING

#### **2.7 Compare and contrast Internet connection types, network types, and their features**

- No sub-objectives

#### EPISODE: INTERNET TIERS

##### CORE 1 EXAM OBJECTIVES

##### DOMAIN 2: NETWORKING

#### **2.7 Compare and contrast Internet connection types, network types, and their features**

- No Sub-objectives

#### EPISODE: DIAL-UP CONNECTIONS

##### CORE 1 EXAM OBJECTIVES

##### DOMAIN 2: NETWORKING

#### **2.7 Compare and contrast Internet connection types, network types, and their features**

- No Sub-objectives

#### EPISODE: BROADBAND CONNECTIONS

##### CORE 1 EXAM OBJECTIVES

##### DOMAIN 2: NETWORKING

#### **2.2 Compare and contrast common networking hardware devices**

- Cable / DSL modem

#### EPISODE: FIREWALLS AND SERVERS

##### CORE 1 EXAM OBJECTIVES

##### DOMAIN 2: NETWORKING

#### **2.5 Summarize the properties and purposes of services provided by networked hosts**

- Server roles
  - Web server

#### EPISODE: FTP

## CORE 1 EXAM OBJECTIVES

### DOMAIN 2: NETWORKING

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#### 2.1 Compare and contrast TCP and UDP ports, protocols, and their purposes

- Ports and Protocols
  - 21 – FTP
  - 25 – SMTP
  - 143 – IMAP
  - 110 – POP3

### EPISODE: E-MAIL

## CORE 1 EXAM OBJECTIVES

### DOMAIN 1: MOBILE DEVICES

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#### 1.6 Given a scenario, configure basic mobile device network connectivity and application support

- Corporate and ISP email configuration
  - POP3
  - IMAP

### DOMAIN 2: NETWORKING

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#### 2.1 Compare and contrast TCP and UDP ports, protocols, and their purposes

- 21 - FTP

### EPISODE: PROXY SERVERS

## CORE 1 EXAM OBJECTIVES

### DOMAIN 2: NETWORKING

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#### 2.5 Summarize the properties and purposes of services provided by networked hosts

- Server roles
  - Proxy Server

### EPISODE: VIRTUAL PRIVATE NETWORKS (VPNS)

## CORE 1 EXAM OBJECTIVES

### DOMAIN 2: NETWORKING

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#### 2.6 Explain common network configuration concepts

- VPN

### DOMAIN 1: MOBILE DEVICES

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#### 1.8 Given a scenario, configure Microsoft Windows networking on a client/desktop

- Establishing networking connections
  - VPN

### EPISODE: INTERNET OF THINGS (IOT)

## CORE 1 EXAM OBJECTIVES

### DOMAIN 2: NETWORKING

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#### 2.4 Compare and contrast wireless networking protocols

- Zigbee
- Z-Wave

\*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.