CCNA Exploration 3 – LAN Switching and Wireless v4.0 – Structura cursului (Course Outline)

Chapter 1. LAN Design
Chapter 2. Basic Switch Concepts and Configuration
Chapter 3. VLANs
Chapter 4. VTP
Chapter 5. STP
Chapter 6. Inter-VLAN Routing
Chapter 7. Basic Wireless Concepts and Configuration

Chapter 1. LAN Design

1.0 Chapter Introduction

1.1 Switched LAN Architecture

1.2 Matching Switches to Specific LAN Functions

1.3 Chapter Labs

1.4 Chapter Summary

1.5 Chapter Quiz

Chapter 2. Basic Switch Concepts and Configuration

2.0 Chapter Introduction

2.1 Introduction to Ethernet/802.3 LANs

2.2 Forwarding Frames Using a Switch

2.3 Switch Management Configuration

2.4 Configuring Switch Security

2.5 Chapter Labs

2.6 Chapter Summary

2.7 Chapter Quiz

Chapter 3. VLANs

3.0 Chapter Introduction

3.1 Introducing VLAN

3.2 VLAN Trunking

3.3 Configure VLANs and Trunks

3.4 Troubleshooting VLANs and Trunks

3.5 Chapter Labs

3.6 Chapter Summary

3.7 Chapter Quiz

Chapter 4. VTP

4.0 Chapter Introduction

4.1 VTP Concepts

4.2 VTP Operation

4.3 Configure VTP

4.4 Chapter Labs

4.5 Chapter Summary

4.6 Chapter Quiz

Chapter 5. STP

5.0 Chapter Introduction

5.1 Redundant Layer 2 Topologies

5.2 Introduction to STP

5.3 STP Convergence

5.4 PVST+, RSTP, and Rapid PVST+

5.5 Chapter Labs

5.6 Chapter Summary

5.7 Chapter Quiz

Chapter 6. Inter-VLAN Routing

6.0 Chapter Introduction

6.1 Inter-VLAN Routing

6.2 Configuring Inter-VLAN Routing

6.3 Troubleshooting Inter-VLAN Routing

6.4 Chapter Labs

6.5 Chapter Summary

6.6 Chapter Quiz

Chapter 7. Basic Wireless Concepts and Configuration

7.0 Chapter Introduction

7.1 The Wireless LAN

7.2 Wireless LAN Security

7.3 Configure Wireless LAN Access

7.4 Troubleshooting Simple WLAN Problems

7.5 Chapter Labs

7.6 Chapter Summary

7.7 Chapter Quiz