CCNA PRACTICAL LAB REVIEW

SESSION CERT-1030

CCNA Practical Lab Review

Event Information

• Introductions
• CCNA Exam Objectives
• CCNA Lab Review
• CCNA Practice Test Review
Introductions

Paul Mancuso—Instructor

• Certified Cisco Systems Instructor
• Cisco Product Line Manager for Intense School
• 15+ Years Networking Experience
• Certified in several vendor products including CCNP/MCSE/MCNI/CISSP/Security+/CCSA

Introductions

Tech 2000

• Tech 2000, Inc.—A Cisco Learning Solution Partner
• Over 20 years industry experience
• Providing training solutions for the Service Provider and Enterprise Markets
• Extensive Custom Development and Delivery Expertise
• Bringing blending training and certification preparation through our partnerships with our Sponsored Organizations
• www.t2000inc.com — 1-800-433-1482
Introductions

Intense School

- **Sponsored Organization of Tech 2000, CLSP**
- Over 7 Years in Technical Training for Information Technology
- Complete end-to-end care for your training needs including a live Mentor for most courses
- Locations - Ft. Lauderdale, FL, Columbus, OH, San Diego, CA, Las Vegas, NV, or the Washington D.C. Metro Area
- Live-on-Line Synchronous Training
- Financing Available

Recommended Reading

- CCNA Certification Library
  - CCNA Intro Exam Certification Guide
  - CCNA ICND Exam Certification Guide
- Cisco Intro and ICND Course Curriculum
  Only offered through Cisco Learning Partners
CCNA Exam Objectives Covered

- Implementation & Operation
  - Configure routing protocols
  - Configure IP addresses, subnet masks, and gateway addresses on routers
  - Configure a switch with VLANs and inter-switch communication
  - Implement a LAN
  - Perform an initial configuration on a router
  - Perform an initial configuration on a switch
  - Implement access lists
  - Implement simple WAN protocols
  - Implement routing protocols

BEGIN CCNA LAB REVIEW
Configuring the Catalyst Switch

- Build a functional access switch configuration to support the specified network operational parameters, given a network design
- Configure the switch management IP address and the default gateway, given a functioning access layer switch and an IP addressing scheme
- Configure Secured ports to restrict the use of a port to a user-defined group of stations, set with the port secure command
- Use Cisco IOS commands to configure VLANs, VTP, IEEE 802.1Q trunking
Configure the Catalyst Switch

- Follow along and begin Lab1: Configuring the Catalyst Switch

Configuring the Cisco Routers

- Build a functional router configuration to support the specified network operational requirements, given a network design
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- Describe the operation of “router on a stick”
- Configure the operation of dynamic routing protocols, including RIP, IGRP, EIGRP, and OSPF
- Describe the features and operation of dynamic routing protocols, including RIP, IGRP, EIGRP, and OSPF
- Configure a PPP connection across a serial link
- Configure and Implement an Access List
Configuring the Cisco Routers

- Begin Lab2: Basic Router Configuration

- Continue with Lab 3: Configuring the Routing Protocols
Configuring the Cisco Routers

- Continue Lab 4: Configuring Static NAT (Time Permitting)
- Continue Lab 5: Configuring and Implementing Extended Access List (Time Permitting)

CCNA Lab Review Exam

- Browse to www.intenseschool.com/ccna/ccnalabreview.html
- 15 Question review on today’s lab
Associated Sessions

- CCNA Case Study: ACD-1001
- Deploying and Troubleshooting NAT NMS-2102
- Introduction to Routing Protocols RST-2303
- Which Routing Protocol RST-2310
- Routing Protocol Deployment RST-2T30
- Troubleshooting and Optimizing the Operation of Cisco Routers

Thank You for Your Attendance

Paul Mancuso
Intense School / Cisco Product Line Manager
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