Implementing Cisco Switched Networks v1.0

SWITCH

Delivery Type: Classroom
Duration: 5 days

Overview

This is a five-day course designed to help students prepare to plan, configure, and verify the implementation of complex enterprise switching solutions for campus environments using the Cisco Enterprise Campus Architecture. Hands-on labs are incorporated along with lab debrief sessions to ensure delegates obtain the full benefit from the practice scenarios.

Target Audience

This course is intended for Network Professionals who need to implement and support switch based solutions within a given network design using Cisco IOS services and features.

Certification

Recommended preparation for exam(s):

✓ 642-813SWITCH - Implementing Cisco Switched Networks
✓ This exam is required for those delegates wishing to achieve either the Cisco Certified Network Professional or the Cisco Certified Design Professional Certifications

Pre-Requisites

Attendees should meet the following prerequisites:

✓ ICND1 Interconnecting Cisco Network Devices Part 1
✓ ICND2 Interconnecting Cisco Network Devices Part 2 Or
✓ CCNABC Cisco CCNA Certification Fast Track Programme
✓ Practical experience in installing, operating and maintaining Cisco routers & switches in an enterprise environment is recommended.

Objectives

After you complete this course you will be able to:

✓ Analyze Campus Network Designs
✓ Implement VLANs in campus networks
✓ Implement Spanning Tree
✓ Implement Inter-VLAN routing in a campus network
✓ Implement a highly available network
✓ Implement high-availability technologies and techniques using multilayer switches in a campus environment

- ✓ Implement security features in a switched network
- ✓ Integrate WLANs into a campus network
- ✓ Accommodate voice and video in campus networks

Follow on Courses
The following courses are recommended for further study:
- ✓ ROUTE Implementing Cisco IP Routing(CCNP,CCDP,CCIP)
- ✓ TSHOOT Troubleshooting and Maintaining Cisco IP Networks(CCNP)
- ✓ ARCH Designing Cisco Network Architectures (CCDP))

Further Information
Please be aware that the DRM (Digital Rights Management) for the e-learning associated with this course has been protected so that the software can only be used on the pc it is initially downloaded onto. The instructor will go through this at the beginning of the course.