

Cisco® BCMSN - Building Cisco Multilayer Switched Networks Certification (v3.0)

Course Description:

CCNP Training for advance skills in building Enterprise level switched networks and applications. Integrate Advance Technologies such as VoIP and Wireless.

Prerequisites:

CCNA (INTRO and ICNDv2.2 or newer)

Who Should Attend:

- Channel Partner / Reseller
- Customer
- Employee

Course Objectives:

In this course, students will learn how to create an efficient and expandable enterprise network by installing, configuring, monitoring, and troubleshooting network infrastructure equipment (especially Catalyst Multilayer Switches) according to the Campus Infrastructure module in the Enterprise Composite Network model. The campus switched network includes converged IP data, IPC (voice), and Airspace WLAN (Wireless) connectivity.

Course Outline:

Introduction to Campus Networks

Defining Virtual Networks (VLANs)

Implementing Spanning Tree

Implementing InterVLAN Routing

Implement High Availability in a Campus Environment

Wireless Client Access

Minimizing Service Loss and Data Theft in a Campus Network

Configuring Campus Switches to Support Voice