



Building Cisco Multilayer Switched Networks (BCMSN)

مدت دوره: ۴۰ ساعت

پیش نیاز: : گذراندن درس CCNA یا دانش معادل آن

خلاصه:

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

اهداف دوره:

در انتهای این دوره دانشجویان قادر خواهند بود:

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.

سرفصل دوره:

- Introduction to Campus Networks
- Modular Network Design
- Switch Operation
- Switch Port Operation
- VLANs and Trunks
- VLAN Trunking Protocol
- Aggregating Switch Links
- Traditional Spanning Tree Protocol
- Spanning Tree Configuration
- Protecting the Spanning Tree Protocol Topology
- Advanced Spanning Tree Protocol
- Multilayer Switching
- Campus Network Services
- Wireless LANs