Course Training

Cisco Certificated Design Associated – CCDA (200-310 DESGN)

Course Content

Cisco Data Center Technologies v6.2 prepares students for the Cisco CCNA Data Center certification and for associate level data center roles. The course covers foundational knowledge, skills, and technologies including networking technologies, data center network virtualization, unified computing, data center automation and orchestration, and Cisco Application Centric Infrastructure (ACI). The hands-on lab exercises focus on configuring features in Cisco NX-OS Software, Cisco Unified Computing System (UCS), UCS Manager (UCSM) and Cisco UCS Director.

Course Objectives

After taking this course, you should be able to:

- Upon completing this course, students will be able to:
- Describe and apply network design methodologies
- Describe and apply network design concepts of modularity and hierarchy
- Design a resilient and scalable Campus network
- Design a resilient and scalable connectivity between parts of your Enterprise network
- Design connectivity to the Internet and internal routing for your network
- Integrate collaboration and wireless infrastructure into your core network
- Create scalable IPv4 and IPv6 addressing
- Describe what software defined networks are and describe example solutions

Course Prerequisite

- Good understanding of networking protocols
- Good understanding of the VMware environment
- Basic computer literacy
- Basic knowledge of the Microsoft Windows operating system
- Basic Internet skills

Who should attend

- Network Design Engineers
- Sales Engineers
- System Engineers
- Cisco Channel Partners

Course Outline

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