

Course Outline: Designing for Cisco Internetwork Solutions (DESGN)

Learning Method: Instructor-led Classroom Learning

Duration: 5.00 Day(s)/ 40 hrs

Overview:

The Designing for Cisco Internetwork Solutions (DESGN) Course v 2.0 is a new version. In addition to general approaches and technologies for network design, it promotes Cisco solutions in designing and implementing scalable internetworks

Who Should Attend:

This course is intended for Channel Partner / Reseller, Customer and Employee.

At Course Completion:

After completing this course the student should be able to:

- Discuss methodology in network design
- Describe how to structure and modularize the network design using the Cisco Enterprise Architecture
- Design the Enterprise Campus and Enterprise Data Center modules.
- Design the Remote Connectivity modules as needed.
- Design a network addressing plan and select a suitable routing protocol for a given network design.
- Evaluate security solutions for the network.
- Discuss the design implications of voice transport across the network.
- Discuss the design implications of wireless networking.

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Outline:

Lesson 1: Applying a Methodology to Network Design

Lesson 2: Structuring and Modularizing the Network

Lesson 3: Designing Basic Campus and Data Center Networks

Lesson 4: Designing Remote Connectivity

Lesson 5: Designing IP Addressing and Selecting Routing Protocols

Lesson 6: Evaluating Security Solutions for the Network

Lesson 7: Identifying Voice Networking Considerations

Lesson 8: Identifying Wireless Networking Considerations

Lesson 9: Implementing and Operating the Network Design

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