



Designing Cisco Data Centre Network Infrastructure v2.0 (DCNID)

Description

This 5-Day course enables the student to create a Data Centre network designs that optimizes availability, scalability, performance, and security, using the NEXUS Products, Catalyst 6500, Catalyst 4948, Firewall Services Module, Intrusion Detection Services Module, and Network Analysis Module.

Course Objectives

After completing this course, students should be able to:

- Create a Data Centre network design that optimizes availability, scalability, and performance for that environment.
- Create a core layer design that optimizes data flows.
- Create an aggregation layer design that optimizes data flows.
- Create an access layer design that optimizes data flows.
- Optimize a data centre design to achieve high availability.
- Design a security implementation using Catalyst 6500 service modules.
- Design a management infrastructure that provides centralised management services.

Who Should Attend

- Customer
- Employee
- Channel Partners/Resellers

Recommended pre-requisites

- Designing for Cisco Internetworks Solutions (DESGN)
- Securing Cisco Network Devices (SND)
- Security Solutions for Systems Engineers (SSSE)

Length of Course

5 Days.

Maximum Class Size

12 Students

Class Locations

All APAC locations, subject to suitable venue.

Course Outline

- Module 1: Data Centre Design Models
- Module 2: The Access Layer
- Module 3: The Aggregation Layer
- Module 4: The Core Layer
- Module 5: Designing for High Availability
- Module 6: Securing the Data Centre Network
- Module 7: Monitoring the Data Centre Network

Further Information

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