

Introducing Cisco Data Center Networking (DCICN)

Duration: 5 days

Who should attend?

The primary audience for this course is as follows:

1. Network administrators
2. Network engineers
3. Cisco Integrators/Partners
4. Systems engineers

The secondary audience for this course is as follows:

1. Network designers
2. Network managers
3. Consulting systems engineers
4. Technical solutions architects

Prerequisites

The learner is expected to have the following skills and knowledge before attending this course:

1. Good understanding of networking protocols
2. Good understanding of the VMware environment
3. Basic computer literacy
4. Basic knowledge of Microsoft Windows operating systems
5. Basic Internet usage skills

Course Objectives

The goal of the course is to give attendees a broad exposure to Cisco Data Center technologies in order to provide entry-level data center personnel with the skills that they require to be successful.

Upon completing this course, the learner will be able to meet these overall objectives:

1. Describe Ethernet communication functions and standards
2. Describe the OSI and TCP/IP models
3. Describe the routing process on Nexus switches
4. Compare storage connectivity options in the data center
5. Describe the Fibre Channel name server and fabric login (FLOGI) process

Course Content

Introducing Cisco Data Center Networking (DCICN) v6.0 course is a five-day instructor-led training (ILT) program that introduces students to the primary technologies that are used in the Cisco Data Center. The introductory level of knowledge that is taught in this course is targeted for individuals who will perform only the more basic configuration tasks. The course lab exercises focus on viewing configurations, with some configuration changes made by the student.