



CI- DESGN

Designing for Cisco Internetwork Solutions

Summary

Duration

5 Days

Vendor

Cisco

Category

CCDA/CCDP

Introduction

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.

Prerequisites

- Cisco CCNA certification
- Practical experience with deploying and operating networks based on Cisco network devices and Cisco IOS software, as well as BCMSN level knowledge of wireless and QoS topics.
- Building Cisco Multilayer Switched Networks (BCMSN)

Course Objectives

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.

Associated Certifications & Exams

This exam indicates a foundation or apprentice knowledge of network design for the Cisco converged networks based on SONA (Cisco's Service-Oriented Network Architecture). CCDA certified professionals can design routed and switched network infrastructures and services involving LAN, WAN, and broadband access for businesses and organizations. This training prepares the candidate to write the DESGN 640-863 Exam.

On successful completion of this course students will receive both a Cisco and Torque IT attendance certificate.