

DESGN Version 3.0 and ARCH Version 3.0 Course and Exam Content Updates

The exams and training course curriculum have been redesigned for:

- [Designing for Cisco Internetwork Solutions \(DESGN\)](#)
- [Designing Cisco Network Service Architectures \(ARCH\)](#)

This document provides a summary of the topics that have been removed as well as the incremental topics that has been added.

DESGN

Candidates who currently have a valid CCNA or have passed 200-120 CCNA exam (or 100-101 ICND1 and 200-101 ICND2 exams) and would like to pursue a Cisco Certified Design Associate (CCDA) certification using the 200-310 DESIGN exam, outlined below are the topics removed, and new topics added to the exam and training curriculum. Candidates are encouraged to gain the knowledge difference before attempting to take the Associate-level exam.

Topics Removed from the DESGN Exam:

- Describe developing business trends
- Describe network management protocols and features
- Describe network architecture for the enterprise
- Identify Cisco technologies to mitigate security vulnerabilities

Topics Added to the DESGN Exam:

- Describe the Cisco Design lifecycle – PBM (Plan, Build, Manage)
- Describe the importance and application of Scalability in a network
- Describe the importance and application of Resiliency in a network
- Describe the importance and application of concept of Fault Domains in a network
- Design a basic branch network
- Describe the concepts of virtualization within a network design
- Identify network elements that can be virtualized
- Describe Data Center components
- Describe the concepts of Network Programmability within a network design

To [learn more](#) about these topics, the following training resources are recommended:

- Instructor-led Training:
 - [Designing for Cisco Internetwork Solutions \(DESGN\) v3.0](#)
- Self-study Material
 - E-Learning
 - Cisco Press materials



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ARCH

Candidates who would like to pursue the Cisco Certified Design Professional (CCDP) certification, or those holding a valid CCDP certification and are preparing to recertify, should be made aware that the 300-320 ARCH exam has been redesigned. Outlined below are the topics removed, and new topics added to the exam and training curriculum. Candidates are encouraged to gain the knowledge difference before attempting to take the Professional-level exam.

Topics Removed from the ARCH Exam:

- Design for infrastructure services
- Identify network management capabilities in Cisco IOS Software
- Create summary-able and structured addressing designs
- Describe IPv6 for campus design considerations
- Describe the components and technologies of a SAN network
- Create an effective e-commerce design
- Create remote access VPN designs for the teleworker

Topics Added to the ARCH Exam:

- Create stable, secure, and scalable routing designs for IS-IS
- Determine IPv6 migration strategies
- Design data center interconnectivity
- Design data center and network integration
- Select appropriate QoS strategies to meet customer requirements
- Design end to end QoS policies
- Design a network to support Network Programmability (SDN)
- Describe network virtualization technologies for the data center

To [learn more](#) about these topics, the following training resources are recommended:

- Instructor-led Training:
 - Designing Cisco Network Service Architectures (ARCH) v3.0
- Self-study Material
 - E-Learning
 - Cisco Press Materials

