

## CCDA Cisco Certified Design Associate

**Please note that on February 24, 2020, Cisco will release new certification exams which will replace the current CCDA exam. The last day to test for the current CCDA exam is February 23, 2020.**

SecureNinja's 5-day CCDA training and certification boot camp is designed to teach skilled IT professionals fundamental network design skills. This course will help network design engineers, system engineers, sales engineers, and individuals who are looking to build and validate new CISCO network design fundamental skills. The CISCO CCDA focuses on design methodologies, addressing and routing protocols, network expansion considerations within basic campus, data center, security, voice, and wireless networks.

### Exam Modules

1. **Design Methodologies** (15%)
2. **Design Objectives** (20%)
3. **Addressing and Routing Protocols in an Existing Network** (20%)
4. **Enterprise Network Design** (20%)
5. **Considerations for Expanding an Existing Network** (25%)

### Course Objectives

- Describe and apply network design methodologies
- Describe and apply network design concepts of modularity and hierarchy
- Design a resilient and scalable Campus network
- Design resilient and scalable connectivity between parts of your Enterprise network
- Design connectivity to the Internet and internal routing for your network
- Integrate collaboration and wireless infrastructure into your core network
- Create scalable IPv4 and IPv6 addressing
- Describe what software-defined networks are and describe example solutions

### Who Would Benefit

- Network Design Engineers
- Sales Engineers
- System Engineers

### Prerequisites

There are no required prerequisites for this course; however, it is recommended to have a CCNA Routing & Switching certification or practical experience with deploying and operating networks based on Cisco network devices and Cisco IOS software.'

### Exam Info 200-310 DESGN

- Number of questions: 55-65
- Duration: 75 minutes