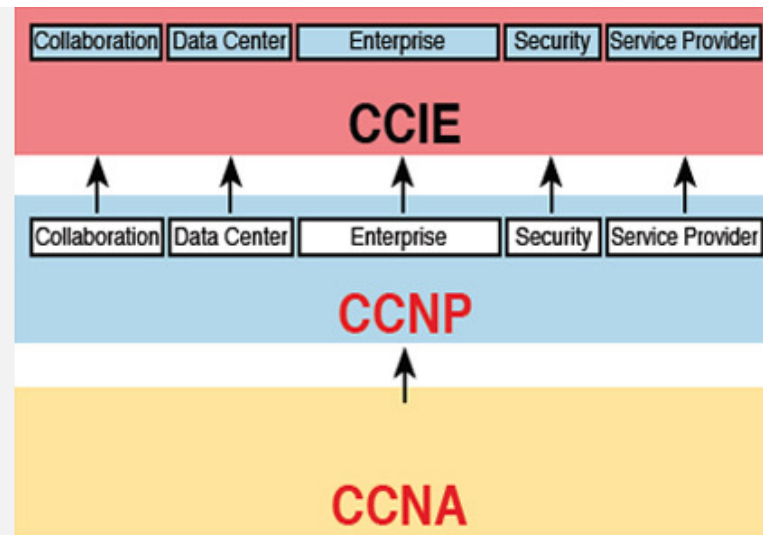


NEW CCNA – ONE TRAINING COURSE, ONE EXAM -200-301

Cisco Certified Network Associate

Achieving CCNA certification is the first step in preparing for a career in IT technologies. To earn CCNA certification, you pass one exam that covers a broad range of fundamentals for IT careers, based on the latest networking technologies, software development skills, and job roles.



The following topics are general guidelines for the content likely to be included on the exam. However, other related topics may also appear on any specific delivery of the exam. In order to better reflect the contents of the exam and for clarity purposes, the guidelines below may change at any time without notice.

Chapter 1 - IP Access Control Lists

- Introduction to TCP/IP Transport and Applications
- Basic IPv4 Access Control Lists
- Advanced IPv4 Access Control Lists

Chapter 2 - Security Services

- Security Architectures
- Securing Network Devices
- Implementing Switch Port Security
- Implementing DHCP
- DHCP Snooping and ARP Inspection

Chapter 3 - IP Services

- Device Management Protocols
- Network Address Translation
- Quality of Service (QoS)
- Chapter 4 - Miscellaneous IP Services

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- WAN Architecture
- Cloud Architecture

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- HTTP Overview
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- TCP/IP Network Layer 22
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- *IP Routing Basics*
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- Names of TCP/IP Messages
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- *Straight-Through Cable Pinout*
- *Choosing the Right Cable Pinouts*
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- Fiber Cabling Transmission Concepts
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- *Identifying Network Layer Protocols with the Ethernet Type Field*
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- *Sending in Modern Ethernet LANs Using Full Duplex*
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- 
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