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IT4all CCNA Routing and Switching

Course Content

Expiration date: December 31, 2021

This course prepares you to pass the Routing and Switching Pro and the Cisco CCNA 200-301 certifications. This course is designed for anyone interested in managing and deploying Cisco products in a business environment.

In addition to covering everything you need to know to become certified, this course prepares you for an associate-level job role in the IT industry. This course covers the knowledge and skills related to:

- Switch setup and configuration
- Switch interface configuration
- VLAN configuration
- TCP/IP configuration
- Spanning tree configuration
- InterVLAN routing
- EtherChannel configuration
- Routers and IP routing implementation with OSPF and EIGRP routing configuration
- Access control lists
- DHCP
- DNS
- NAT
- Security and malware fundamentals
- Automation and programmability

Course Prerequisites

There are no formal prerequisites for CCNA certification, but CCNA candidates often have:

- At least a year of experience implementing and administering Cisco solutions
- A basic understanding of IP addressing and network fundamentals

Certifications

Certification is so important because it gives potential employers information they need when making hiring decisions. Basically, having certifications gives you a critical boost during the application and interview process.

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