Certified Network Associate (200-301)

Experts

1. Jason Manibog

   Senior Instructor

   Jason Manibog, LearnKey's senior instructor, has spent over 15 years in the Information Technology arena as a trainer, consultant, and courseware writer. Jason is a Microsoft Certified Trainer with multiple certifications in Microsoft, CompTIA, and Adobe. Jason brings a wealth of real-world experience and the ability to explain things in very practical, real-life like terms to any class he teaches, courseware he writes, or e-Learning courses he develops. [Show less]

Certified Network Associate (200-301)

Product Id (564849)

🕐 9h 43m 54s | 🏷 Networking | 📚 6 module(s) | 📶 All

✔ Has resources

This course is geared toward entry-level and burgeoning Cisco network administrators and covers the material on the brand new, all-in-one Cisco CCNA exam. Topics covered include network fundamentals, network access, IP connectivity, IP services, security fundamentals, automation, and programmability, with an emphasis on configuring and verifying aspects of routers and switches. The material in this course both maps to the 200-301 exam and boosts the employability prospects for those looking to become network administrators.

A Certificate of Completion can be earned by scoring 80% or better on all Post-Assessments. A Badge can be earned by scoring 90% or better on all Post-Assessments.

Course content

Expand all   Collapse all

| Domain 1 - Network Fundamentals | 🕐 1h 43m 10s | Open |

📖 Certified Network Associate (200-301) Support Files

📄 Domain 1 Pre-Assessment

Network Components   🕐 24m 5s

Network Components	🕐 24m 5s	Open
Network Topology Architectures	🕐 12m 42s	Open
Interface and Cabling Types	🕐 5m 49s	Open
Interface and Cable Issues	🕐 5m 39s	Open
TCP, UDP, and IPv4	🕐 14m 38s	Open
IPv6	🕐 22m 25s	Open
Wireless Principles	🕐 8m 53s	Open
Virtualization and Switching	🕐 8m 59s	Open
📄 Domain 1 Labs		
📄 Domain 1 Post-Assessment		

Domain 2 - Network Access	🕐 53m 23s	Open

📄 Domain 2 Pre-Assessment		
VLANs	🕐 9m 49s	Open
Interswitch Connectivity	🕐 6m 9s	Open
Discovery Protocols and EtherChannel	🕐 15m 15s	Open
Spanning Tree Protocol	🕐 10m 6s	Open
Wireless Architecture and Infrastructure	🕐 8m 56s	Open
Wireless LAN Access	🕐 3m 8s	Open
📄 Domain 2 Labs		
📄 Domain 2 Post-Assessment		

Domain 3 - IP Connectivity	🕐 51m 9s	Open

📄 Domain 3 Pre-Assessment		
Routing Table Components	🕐 12m 25s	Open
Routers and Forwarding Decisions	🕐 5m 49s	Open

IPv4 and IPv6 Static Routing	🕐 11m	Open
OSPFv2	🕐 15m 1s	Open
First Hop Redundancy Protocols	🕐 6m 54s	Open
📄 Domain 3 Labs		
📄 Domain 3 Post-Assessment		

Domain 4 - IP Services	🕐 41m 50s	Open

📄 Domain 4 Pre-Assessment		
NAT	🕐 11m 49s	Open
Other Network Services	🕐 13m 3s	Open
DHCP Client and Relay	🕐 4m 18s	Open
QoS Per-Hop Behavior	🕐 6m 11s	Open
Remote Access and FTP	🕐 6m 29s	Open
📄 Domain 4 Labs		
📄 Domain 4 Post-Assessment		

Domain 5 - Security Fundamentals	🕐 50m 52s	Open

📄 Domain 5 Pre-Assessment		
Key Security Concepts	🕐 6m 45s	Open
Security Program Elements	🕐 3m 34s	Open
Passwords	🕐 9m 47s	Open
VPNs	🕐 2m 41s	Open
Access Control Lists	🕐 8m 48s	Open
Layer 2 Security Features	🕐 8m 42s	Open
AAA	🕐 4m 42s	Open

Wireless Security	🕐 5m 53s	Open
📄 Domain 5 Lab		
📄 Domain 5 Post-Assessment		

Domain 6 - Automation and Programmability	🕐 16m 30s	Open

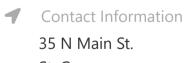|		
📄 Domain 6 Pre-Assessment		
Automation	🕐 2m 58s	Open
Controller-Based Software and SDNs	🕐 4m 39s	Open
Programming and Configuration	🕐 8m 53s	Open
📄 Domain 6 Labs		
📄 Domain 6 Post-Assessment		

Our Why

It's all about the "Why". At LearnKey that is Improving Employability Every Day. How we do that is through in-demand workforce solutions including career certification programs & learning solutions for every type of enterprise.

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