



SKILLSOFT CISCO CERTIFICATION TRAINING COURSES

CCNA - Cisco Certified Network Associate Certification Training

Overview

The Cisco Certified Network Associate (CCNA) certification is an entry-level credential that validates your fundamental understanding of networking.

What's included

- 24/7 support - get help from expert mentors anytime
- Hands-on interactive exercises
- Practice exam questions
- Self-paced study format
- Certification guarantee - get certified or your money back

Who is this course for?

- Network administrators
- Systems administrators
- Network engineers
- Security professionals

Qualification

CCNA

Student support

24x7 email support by expert mentors

Study time

20 hours

Pre-requisites

None

Assessment

Cisco exam (by external provider)

Resources required

Internet, email

Course Details

Objectives

- Describe how a network works
- Configure, verify and troubleshoot a switch with VLANs and interswitch communications
- Implement an IP addressing scheme and IP services to meet network requirements
- Configure, verify and troubleshoot basic router operation and routing on Cisco devices
- Explain and select the appropriate administrative tasks required for a WLAN
- Identify security threats to a network and describe methods to mitigate those threats

Course Outline

The course is available in one of two ways: one combined exam (640-802), or two separate exams (640-822 and 640-816)

640-822

- Network Fundamentals
- Network Communications and Connections
- Switched LANs
- Switch Optimization, Security and Troubleshooting
- Wireless LANs
- Routing and Addressing in the LAN
- Packet Delivery, Security and Remote Access on the Router
- WAN Technologies and Routing
- WAN Encapsulation and Dynamic Routing using RIP
- Network Environment Management

Please note that upon passing exam 640-822, you will become a Cisco Certified Entry Networking Technician (CCENT) - the first step towards achieving CCNA certification.

640-816

- Small and Medium Network Implementations
- Improving Switched Network and VLAN Performance
- Routing Fundamentals, Subnetting and VLSMs
- Single-area OSPF Implementation
- EIGRP Implementation
- Access Control Lists
- Address Space Management
- Transitioning to IPV6
- VPN and Point-to-point WAN Connections
- Extending the LAN to a WAN

Please note that the CCNA exams are held by an external provider

Please contact your Account Manager for more information, or call 01454 270 000

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SKILLSOFT CISCO CERTIFICATION TRAINING COURSES

CCNP - Cisco Certified Network Professional Certification Training Course

Who is this course for?

IT workers aiming to become network engineers with the responsibility for medium to large scale networks.

Qualification

CCNP

Pre-requisites

A valid Cisco Certified Network Associate (CCNA) credential Assessment
Cisco exam (by external provider)

Resources required

Internet, email

Course Overview

The Cisco Certified Network Professional (CCNP) credential shows your fundamental level understanding of networking. Install, configure, and operate local area networks, wide area networks and dial access services for medium to large sized networks. What's included

Course Objectives

Install, configure, and troubleshoot local and wide area networks

Manage for networks with 500+ nodes

Other topics: security, quality of service, virtual private networks, broadband technologies.

What the CCNP Certification Can Do for You

Join a breed of IT professionals highly sought after around the world.

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SKILLSOFT CISCO CERTIFICATION TRAINING COURSES

CCDA - Cisco Certified Design Associate Certification Training Course

Overview

Who is this course for?

This Cisco CCDA training course is ideal for IT workers wishing to become network design professionals.

Qualification

CCDA

Pre-requisites

Skills in installing, configuring, and operating basic network infrastructures. Cisco Certified Network Associate (CCNA) knowledge is required.

Course Overview

The Cisco Certified Design Associate (CCDA) certification proves your foundational knowledge of network design for the Cisco Internetwork Infrastructure. Design voice and data network infrastructures involving LAN, WAN, and dial access services for businesses and organisations.

Course Objectives

This CCDA course provides you with the knowledge and skills to design small to medium-sized Cisco networks.

Evaluate data and voice networks for planned improvement

Solutions modelling

Plan for implementation, prototype testing and verification

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CCDP - Cisco Certified Design Professional Certification Training Course

Who is this course for?

The CCDP credential is aimed at those wishing to advance their careers as network design professionals.

Qualification

CCDP

Pre-requisites

None

Course Overview

The Cisco Certified Design Professional (CCDP) certification provides an in-depth knowledge of network design. With CCDP certification, a network professional can design routed and switched networks involving LAN, WAN and dial access services, apply modular design practices and ensure solutions respond optimally to the business and technical needs of an organisation. Employers worldwide search for Cisco certified network experts who can effectively utilise Cisco products. The CCDP gives you all the training you need to become one of these sought-after IT professionals.

Course Objectives

Describe the operation of data networks.

Implement a small switched network

Implement an IP addressing scheme and IP services to meet network requirements for a small branch office

Implement a small routed network

Explain and select the appropriate administrative tasks required for a WLAN

Identify security threats to a network and describe general methods to mitigate those threats

Implement and verify WAN links

Course Content (640-822 ICND1)

Network Fundamentals

Network Communications and Connections

Switched LANs

Switch Optimization, Security and Troubleshooting

Wireless LANs

Routing and Addressing in the LAN

Packet Delivery, Security and Remote Access on the Router

WAN Technologies and Routing

WAN Encapsulation and Dynamic Routing using RIP

Network Environment Management

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SKILLSOFT CISCO CERTIFICATION TRAINING COURSES

CCENT - Cisco Certified Entry Networking Technician Certification Training

Who is this course for?

Junior network administrators
Junior systems administrators
Anyone wanting a career in network support

Qualification

CCDA

Pre-requisites

CCDP candidates must already have obtained Cisco Certified Design Associate (CCDA) and Cisco Certified Network Associate (CCNA) certification.

Course Overview

Start a career in networking with Cisco Certified Entry Networking Technician (CCENT) certification, a widely recognised qualification that validates your skills in entry-level network support - and take the first step towards achieving CCNA certification.

Course Objectives

Gain technical competency to design routed and switched networks involving LAN, WAN and dial-access services.

Advanced IP addressing and routing

Create and deploy a global intranet

Converged network solutions.

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