CCNP Enterprise: Core Networking (v9)

Course Overview

This course is the first in the two-part CCNP Enterprise series. It provides professional-level knowledge to install, configure, operate, and troubleshoot enterprise networks.

The curriculum integrates core routing, switching, and security principles with modern overlay network designs, including SD-Access and SD-WAN, as well as network automation and programmability.

Benefits

This course prepares learners for the Cisco Enterprise Network Core Technologies exam (350-401 ENCOR v1.2).

Completion of both courses in the CCNP Enterprise course series prepares for the CCNP Enterprise certification exams.

- ✓ Practical Skills: Develops critical thinking and complex problem-solving skills through in-depth hands-on labs and Cisco Modeling Labs (CML) simulations.
- ✓ Modern Skillset: Builds essential proficiency in Network Automation, Python, Cisco DNA Center, and SD-WAN solutions.
- ✓ Real-World Application: Develops practical configuration and troubleshooting abilities for complex enterprise environments.
- ✓ Career Advancement: Validates the professional-level knowledge required for Network Engineer roles.

Course Details

Target Audience: Universities and Colleges.

Estimated Time to Completion: 70 hours

Prerequisites: CCNA level knowledge or equivalent

Course Delivery: Instructor-led

Learning Component Highlights:
- 26 learning modules
- 148 videos
- 29 hands-on lab activities
- 21 Cisco Packet Tracer activities
- 6 module group exams
- 1 final exam

Course Recognitions: Digital badge

Recommended Next Course: CCNP Enterprise Advanced Routing



Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Required

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For Cisco Networking Academy ASC and ITC Partners

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CCNP Enterprise: Advanced Routing (v9)



Course Overview

This course is the second in the two-part CCNP Enterprise series. It focuses on the knowledge and skills required to install, operate, manage, and troubleshoot complex enterprise networks.

The curriculum emphasizes advanced routing, VPN technologies, infrastructure security, and the diagnosis of network issues to ensure smooth and effective operations.

Benefits

This course prepares learners for the Implementing Cisco Enterprise Advanced Routing and Services exam (300-410 ENARSI v1.1).

Completion of both courses in the CCNP Enterprise course series prepares for the CCNP Enterprise certification exams.

- ✓ Practical Skills: Develops critical thinking and complex problem-solving skills through in-depth hands-on labs and Cisco Modeling Labs (CML) simulations.
- ✓ Advanced Routing Mastery: Deepen your expertise in implementing, optimizing, and troubleshooting Layer 3 technologies, including EIGRP, OSPF, and BGP.
- ✓ Complex Services: Master the implementation of VPN technologies (MPLS, DMVPN) and infrastructure security services (IPv6 First Hop Security, CoPP).
- ✓ Troubleshooting Expertise: Develop critical diagnostic skills using advanced tools like Cisco DNA Center Assurance to identify and resolve network issues.

Course Details

Target Audience: Universities and Colleges.

Estimated Time to Completion: 70 hours

Prerequisites: CCNP Core Networking level knowledge or equivalent

Course Delivery: Instructor-led

Learning Component Highlights:

- 23 learning modules
- 183 videos
- 26 hands-on lab activities
- 19 Cisco Packet Tracer activities
- 6 module group exams
- 1 final exam

Course Recognitions: Digital badge

Recommended Next Course: DevNet Associate

Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Required

Releasing in March 2026

For Cisco Networking Academy ASC and ITC Partners

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