Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

Price: 1000

Duration 365 Days

Delivery Methods eLearning

URL Enroll Buy Now

Overview

The duration of this course is 48 hours and is eligible for 64 Cisco Learning Credits.

The **Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)** training gives you the knowledge and skills needed to configure, troubleshoot, and manage enterprise wired and wireless networks. You will also learn how to implement security principles, automation, and programmability within an enterprise network, and overlay network design by using Cisco SD-Access and SD-WAN solutions.

This training prepares you for the 350-401 ENCOR v1.1 exam. If passed, you earn the Cisco Certified Specialist Enterprise Core certification and satisfy the core exam requirements for the Cisco Certified Network Professional (CCNP) Enterprise, Cisco Certified Internetwork Expert (CCIE) Enterprise Infrastructure, and CCIE Enterprise Wireless certifications.

How You'll Benefit

This training will help you:

- Configure, troubleshoot, and manage enterprise wired and wireless networks.
- Implement security principles, automation, and programmability within an enterprise network.
- Overlay network design by using Cisco SD-Access and SD-WAN solutions.

Prepare for the 350-401 ENCOR v1.1 exam.

Who Should Enroll

Entry to Mid-level Network Engineers

Network Administrators

Network Support Technicians

Help Desk Technicians

Learning Path Prerequisites.

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

Understanding of how to implement enterprise LAN networks.

Basic understanding of enterprise routing and wireless connectivity.

Basic understanding of Python scripting.

These skills can be found in the following Cisco Learning Offerings.

Implementing and Administering Cisco Solutions (CCNA)

Programming for Network Engineers (PRNE)

Learning Path Outline

Examining Cisco Enterprise Network Architecture.

Exploring Cisco Switching Paths.

Implementing Campus LAN Connectivity.

Building Redundant Switched Topology.

Implementing Layer 2 Port Aggregation.

Implementing OSPF

Optimizing OSPF

Explaining EIGRP

Exploring EBGP

Implementing Network Redundancy.

Implementing NAT

Introducing Virtualization Protocols and Techniques.

Exploring Virtual Private Networks and Interface.

Examining Wireless Deployment Options.

Examining Wireless AP Operation.

Implementing Wireless Client Authentication.

Troubleshooting Wireless Client Connectivity.

Implementing Network Services.

Introducing Multicast Protocols.

Introducing QoS.

Using Network Analysis Tool.

Implementing Infrastructure Security.

Implementing Secure Access Control.

Discovering the Basics of Python Programming.

Introducing Network Programmability Protocol.

Explaining Wireless Principles.

Exploring Wireless Roaming and Location Services.

Exploring Enterprise Network Security Architecture.

Exploring Cisco Catalyst Center Network Automation and Management.

Examining the Cisco SD-Access Solution.

Exploring the Working Principles of the Cisco Catalyst SD-WAN Solution.

Introducing APIs in Cisco Catalyst Center and Cisco Catalyst SD-WAN Manager.

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a ‘Certificate of Completion’ once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.