Pack CCNP Enterprise

Cisco

Live Training (também disponível em presencial)

- **Localidade:** Aveiro
- **Data:** 25 Sep 2023
- **Preço:** 4450 € (Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes.)
- **Horário:** Laboral das 09h00 - 17h00
- **Nível:** Avançado
- **Duração:** 70h

Sobre o curso

Este pack prepara para a certificação CCNP Enterprise.

Inclui:

- Curso Oficial Cisco Implementing Cisco Enterprise Network Core Technologies (ENCOR)
- Curso Oficial Cisco Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)
- Vouchers para os exames
  - 350-401: Implementing Cisco Enterprise Network Core Technologies (ENCOR), e
  - 300-410: Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

Cisco Implementing Cisco Enterprise Network Core Technologies(ENCOR)

The Implementing and Operating Cisco Enterprise Network Core Technologies course (ENCOR) gives you the knowledge and skills needed to configure, troubleshoot, and manage enterprise wired and wireless networks. Learn how to implement security principles within an enterprise network and how to overlay network design by using solutions such as SD-Access and SD-WAN. The automation and programmability of Enterprise networks is also incorporated in this course.

This course will help you:

- Configure, troubleshoot, and manage enterprise wired and wireless networks
- Implement security principles within an enterprise network

- Prepare you prepare to take the 350-401 Implementing Cisco Enterprise Network Core Technologies (ENCOR) exam

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

This 5-day Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) training provides you with the knowledge you need to install, configure, operate, and troubleshoot an enterprise network. This course covers advanced routing and infrastructure technologies, expanding on the topics covered in the Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) course.

This course will help you:

- Gain the knowledge you need to install, configure, operate, and troubleshoot an enterprise network
- Qualify for professional-level job roles in advance routing and services
- Prepare for the Implementing Cisco Enterprise Advanced Routing and Services (300-410 ENARSI) exam.

Destinatários

- Network and System engineers and administrators aiming to be Cisco Certified Professionals.

Pré-requisitos

Knowledge and skills you should have before attending this course:

- Implementation of Enterprise LAN networks
- Basic understanding of Enterprise routing and wireless connectivity
- Basic understanding of Python scripting

This Cisco course is recommended to help you meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)

Programa

Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

- Examining Cisco Enterprise Network Architecture

- Understanding Cisco Switching Paths
- Implementing Campus LAN Connectivity
- Building Redundant Switched Topology
- Implementing Layer 2 Port Aggregation
- Understanding EIGRP
- Implementing OSPF
- Optimizing OSPF
- Exploring EBGP
- Implementing Network Redundancy
- Implementing NAT
- Introducing Virtualization Protocols and Techniques
- Understanding Virtual Private Networks and Interfaces
- Understanding Wireless Principles
- Examining Wireless Deployment Options
- Understanding Wireless Roaming and Location Services
- Examining Wireless AP Operation
- Understanding Wireless Client Authentication
- Troubleshooting Wireless Client Connectivity
- Introducing Multicast Protocols (Self-study)
- Introducing QoS (Self-study)
- Implementing Network Services
- Using Network Analysis Tools
- Implementing Infrastructure Security
- Implementing Secure Access Control
- Understanding Enterprise Network Security Architecture (Self-study)
- Exploring Automation and Assurance Using Cisco DNA Center (Self-study)
- Examining the Cisco SD-Access Solution (Self-study)
- Understanding the Working Principles of the Cisco SD-WAN Solution (Self-study)
- Understanding the Basics of Python Programming (Self-study)
- Introducing Network Programmability Protocols (Self-study)
- Introducing APIs in Cisco DNA Center and vManage (Self-study)

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

- Implementing EIGRP
- Optimizing EIGRP
- Troubleshooting EIGRP
- Implementing OSPF
- Optimizing OSPF
- Troubleshooting OSPF

- Implementing Internal Border Gateway Protocol (IBGP)
- Optimizing BGP
- Implementing MP-BGP
- Troubleshooting BGP
- Configuring Redistribution
- Troubleshooting Redistribution
- Implementing Path Control
- Exploring MPLS
- Introducing MPLS L3 VPN Architecture
- Introducing MPLS L3 VPN Routing
- Configuring Virtual Routing and Forwarding (VRF)-Lite
- Implementing DMVPN
- Implementing DHCP
- Troubleshooting DHCP
- Introducing IPv6 First Hop Security
- Securing Cisco Routers
- Troubleshooting Infrastructure Security and Services