ITTcert
BY ORSYS

Course : Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) v1.1

Official course, exam preparation 300-410 ENARSI

Practical course - 5d - 35h00 - Ref. QXV
Price : 4250 € E.T.

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With this course, you'll learn how to install, configure, operate and troubleshoot a dual-stack corporate network (IPv4/IPv6). You will learn more about advanced routing and infrastructure technologies, building on the concepts covered in the ENCOR training course (Ref. TWY).

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✅ Configure, optimize and troubleshoot the EIGRP routing protocol
- ✅ Configuring, optimizing and troubleshooting OSPFv2 and OSPFv3
- ✅ Configuring, optimizing and troubleshooting the BGP protocol
- ✅ Implement and troubleshoot route redistribution with filtering mechanisms
- ✅ Implement multiprotocol BGP (MP-BGP)
- ✅ Describe MPLS (Multiprotocol Label Switching) functionalities
- ✅ Describe the main architectural components of an MPLS VPN
- ✅ Implementing DMVPN (Dynamic Multipoint VPN) with Cisco IOS
- ✅ Implement path control with policy-based routing (PBR) and IP SLA
- ✅ Diagnose network problems with Cisco DNA Center Assurance

Intended audience

Junior network engineers, network administrators, network support technicians and helpdesk technicians.

Prerequisites

No prerequisites, but basic knowledge of networks, security, routing (IGP/BGP), automation and services is recommended (CCNA, ENCOR training courses).

Practical details

Teaching methods

Training in French (or English on request). Official course material in English.

Course schedule

(1) **Official program**

- EIGRP implementation, optimization and troubleshooting.
- OSPF implementation, optimization and troubleshooting.
- BGP implementation, optimization and troubleshooting.
- Route redistribution and path control.
- Fundamentals and routing in MPLS VPNs.
- Implementation of dynamic VPNs and infrastructure services.
- Network infrastructure security.
- Troubleshooting with Cisco DNA Center Assurance.

(2) **Official practical work**

- Implement and troubleshoot EIGRP (IPv4/IPv6).
- Implement and troubleshoot OSPFv3 (IPv4/IPv6).
- Multi-protocol route redistribution.
- Advanced routing with BGP.
- Path control and VPN.
- Network services (DHCP & access security).
- Diagnosis of network management protocols.

Options

Certification : 350 € HT

To obtain Cisco Certified Network Professional Enterprise (CCNP Enterprise) certification, you need to pass exam 350-401 ENCOR and one of the following exams (your choice): 300-410 ENARSI, 300-415 ENSDWI, 300-420 ENSLD, 300-425 ENWLSD, 300-430 ENWLSI, 300-440 ENCC, 300-445 ENNA.

Comment passer votre examen ?

Dates and locations

REMOTE CLASS
2026 : 30 Mar., 22 June, 5 Oct., 14 Dec.

PARIS LA DÉFENSE
2026 : 22 June, 5 Oct., 14 Dec.