

Implementing Cisco Enterprise Advanced Routing and Services

Course code: ENARSI

The Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) v1.0 gives you 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) v1.0 course. There are some parts for self-study. This course has similar content as Cisco ROUTE course had.

Who is the course for

The Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) v1.0 gives you the knowledge you need to install, configure, operate, and troubleshoot an enterprise network.

What we teach you

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Required skills

- Good understanding of network fundamentals, good knowledge how to implement LANs, good understanding of how to manage and secure network devices, Basic knowledge of network automation Be familiar with topics from CCNA + ENCOR course

Teaching materials

Course material is provided in electronic format

Course outline

- Configuration, optimization and troubleshooting EIGRP
- Configuration, optimization and troubleshooting OSPFv2 and OSPFv3
- Design, configuration and troubleshooting routing redistribution and filtering
- Design, configuration and troubleshooting Policy Based Routing and IP SLA
- Configuration, optimization and troubleshooting BGP including multiprotocol BGP
- Exploring Multiprotocol Label Switching (MPLS) including MPLS VPN
- Design, configuration and troubleshooting Cisco IOS DMVPN
- Configuration and troubleshooting of DHCP
- Securing IPv6 access network
- Security Feature Troubleshooting Cisco IOS including Infrastructure security
- Network troubleshooting using Cisco DNA Center Assurance

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