Implementing and Operating Cisco DC Core Technologies

Course code: DCCOR

In this course, you will master the skills and technologies you need to implement data center compute, LAN and SAN infrastructure. You will also learn the essentials of automation and security in data centers. You will get hands-on experience with deploying, securing, operating, and maintaining Cisco data center infrastructure including: Cisco MDS Switches and Cisco Nexus Switches; Cisco Unified Computing System™ (Cisco UCS®) B-Series Blade Servers, and Cisco UCS C-Series Rack Servers. The Implementing and Operating Cisco Data Center Core Technologies (DCCOR) v1.0 course helps you prepare for the Cisco® CCNP® Data Center and CCIE® Data Center certifications . This course, including the self-paced material, helps prepare you to take the exam, Implementing Cisco Data Center Core Technologies (350-601 DCCOR), which leads to the new CCNP Data Center, CCIE Data Center, and the Cisco Certified Specialist - Data Center Core certifications.

Affiliate	Duration	Course price	ITB
Praha	5	79 900 Kč	0
Bratislava	5	3 200 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
13.04.2026	5	79 900 Kč	Presence	CZ/SK	ALEF NULA
20.04.2026	5	79 900 Kč	Presence	EN	ALEF NULA
02.11.2026	5	79 900 Kč	Online	EN	ALEF NULA - Online

The prices are without VAT.

Required skills

To fully benefit from this course, you should have the following knowledge and skills: " Familiarity with Ethernet and TCP/IP networking " Familiarity with SANs and Fibre Channel protocol " Identify products in the Cisco Data Center Nexus and Cisco MDS families " Understanding of Cisco Enterprise Data Center architecture " Understanding of server system design and architecture " Familiarity with hypervisor technologies (such as VMware)

Course outline
- Implementing Data Center Switching Protocols*
- Implementing First-Hop Redundancy Protocols*
- Implementing Routing in Data Center*
- Implementing Multicast in Data Center*
- Implementing Data Center Overlay Protocols
- Implementing Network Infrastructure Security*
- Describing Cisco Application-Centric Infrastructure
- Describing Cisco ACI Building Blocks and VMM Domain Integration
- Describing Cisco Cloud Service and Deployment Models
- Describing Data Center Network Infrastructure Management, Maintenance, and Operations*
- Explaining Cisco Network Assurance Concepts*
- Implementing Fibre Channel Fabric
- Implementing Storage Infrastructure Services
- Implementing FCoE Unified Fabric
- Implementing Storage Infrastructure Security*

- Describing Data Center Storage Infrastructure Maintenance and Operations*
- Describing Cisco UCS Server Form Factors*
- Implementing Cisco Unified Computing Network Connectivity
- Implementing Cisco Unified Computing Server Abstraction
- Implementing Cisco Unified Computing SAN Connectivity
- Implementing Unified Computing Security
- Introducing Cisco HyperFlex Systems*
- Describing Data Center Unified Computing Management, Maintenance, and Operations*
- Implementing Cisco Data Center Automation and Scripting Tools*
- Describing Cisco Integration with Automation and Orchestration Software Platforms
- Describing Cisco Data Center Automation and Orchestration Technologies*

*This section is self-study material that can be done at your own pace after the instructor-led portion of the course.