Designing Cisco Data Center Infrastructure

Course code: DCID

This course focuses on design and deployment options of Cisco data center solutions and technologies across network, compute, virtualization, storage area networks, automation, and security. Participants will learn design practices for the Cisco Unified Computing System (Cisco UCS) solution based on Cisco UCS B-Series and C-Series servers, Cisco UCS Manager, and Cisco Unified Fabric. Participants will also gain design experience with network management technologies including Cisco Data Center Network Manager (DCNM), and Cisco UCS Director. This course contain theoretical content as well as design-oriented case studies in the form of activities. DCID training is a part of the CCNP Data Center certification.

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

The prices are without VAT.

What we teach you

- Data center topologies - Cabling, layer 2 and 3, their high availability, Fabric Extenders (FEX), data center interconnects (DCI)
- Overlay technologies (VXLAN, LISP, OTV) and virtualization
- Storage Area Networks (SAN) and storage design options and principles
- Unified Computing System (UCS), Hyperconverged and Integrated Systems
- Managing, securing and automating data center environments

Required skills

" Implement data center networking in Local Area Network (LAN) and Storage Area Network (SAN) " Describe data center storage " Implement data center virtualization " Implement Cisco Unified Computing System (UCS) " Implement data center automation and orchestration with the focus on Cisco Application Centric Infrastructure (ACI) and Cisco UCS Director " Describe products in the Cisco Data Center Nexus and Multilayer Director Switch (MDS) families

Teaching methods

Professional explanation with practical samples and examples.

Teaching materials

All attendees receive an electronic version of Cisco student guide.