Understanding Cisco DataCenter Foundations

Course code: DCFNDU

The goal of this training is to help participants prepare for entry-level data center roles. Participants will learn the foundational knowledge and skills required to configure Cisco data center technologies such as vPC and FEX, networking, virtualization, storage area networking (SAN), and unified computing. Course also provides an introduction to Cisco ACI (Application Centric Infrastructure), automation and cloud computing. Participants will get hands-on experience with configuring features on Cisco NX-OS (Nexus Operating System) and Cisco UCS (Unified Computing System). This course also serves as a preparation for courses leading to CCNP Data center certification.

Affiliate	Duration	Course price	ITB
Praha	5	64 000 Kč	0
Bratislava	5	2 690 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
15.06.2026	5	64 000 Kč	Presence	CZ/SK	ALEF NULA
09.11.2026	5	64 000 Kč	Online	EN	ALEF NULA - Online

The prices are without VAT.

Required skills

Good understanding of networking protocols, good understanding of the VMware environment, basic knowledge of

Microsoft Windows operating systems.

Course outline
- Describing the Data Center Network Architectures
- Describing the Cisco Nexus Family and Cisco NX-OS Software
- Describing Layer 3 First-Hop Redundancy
- Describing Cisco FEX
- Describing Port Channels and vPCs
- Describing Switch Virtualization
- Describing Machine Virtualization
- Describing Network Virtualization
- Introducing Basic Data Center Storage Concepts
- Describing Fibre Channel technology
- Describing Cisco NPV Mode and NPIV
- Describing Data Center Ethernet Enhancements
- Describing FCoE
- Describing Cisco UCS Components and UCS Manager
- Describing Cisco ACI
- Describing Cloud Computing