Advanced SAN Configuration and FCoE

Course code: DC-S2

Participants will learn how to use and configure several more advanced Fibre Channel technology and Cisco MDS/Nexus switches features, e.g. Inter-VSAN routing, Enhanced Zoning, etc. Further the new generation of Ethernet technology called DCB (Data Center Bridging) and its important features are introduced. Especially participants will learn how to configure FCoE including its terminology and basic principles of operation. Skills acquired are further fixed during practical exercises.

Affiliate	Duration	Course price	ITB
Praha	3	42 900 Kč	0
Bratislava	3	1 780 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location

The prices are without VAT.

Required skills

Participants are expected to know the fundamentals of SANs covered by TRNDC-S1 (SAN Basics) training. Moreover, because TRNDC-S2 training discusses the LAN and SAN convergence into a Unified Network and deals with FCOE, participants need to understand LANs at least at a level covered by A2 or ICND2 trainings.

Course outline

Brief overview of SAN and Fibre Channel technology
- Addressing, port and process login, types of ports, buffer-to-buffer flow control
- NPV and NPIV
- VSANs
- Cisco Fabric Services

Zoning and Enhanced Zoning

FSPF (Fabric Shortest Path First) and its basic tuning

Inter-VSAN routing

DCB (Data Center Bridging) and its important features

Fibre Channel over Ethernet (FCoE)
- Terminology and basic principles of operation
- FIP

Practical exercises

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