

Basic VXLAN EVPN in NX-OS mode

Kód kurzu: DC-VXLAN-B

Have you ever wondered how to build modern Data Center? VXLAN EVPN is one of most frequently used methods worldwide. As a technology based on standards is compatible between all Nexus devices supporting VXLAN and EVPN and even offers third-party compatibility and integrations. This training provides necessary information and LAB experience for building single-site Data Center. If you are interested in interconnecting Data Centers and other advanced VXLAN EVPN concepts visit our following training DC ADVANCED VXLAN.

Pobočka	Dní	Katalogová cena	ITB
Praha	3	39 600 Kč	0
Brno	3	39 600 Kč	0
Bratislava	3	1 640 €	0

Všetky ceny sú uvedené bez DPH.

Termíny kurzu

Dátum	Dní	Cena kurzu	Typ výučby	Jazyk výučby	Lokalita
08.04.2026	3	39 600 Kč	Prezenčný	CZ/SK	ALEF NULA
12.10.2026	3	39 600 Kč	Prezenčný	CZ/SK	ALEF NULA

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Formát školenia

As a standard, we implement a full-time course (onsite or ILT *) in the ALEF Training Center. Upon agreement, it is possible to implement the course at the client's premises. The course can also be implemented online (vILT **) via a video conferencing platform - Cisco Webex meetings. Instructor- led virtual training is a combination of the best of a traditional classroom course and interactive training without having to leave your own office or the comfort of your home. Convince yourself of top quality transmission, video calls and effective team collaboration.

Explanations:

ILT - Instructor Led-Training * - instructor-led training in the classroom. ** vILT (Virtual Instructor-Led Training) - this is a form of distance learning, where the instructor conducts training from the classroom through an online platform to which students connect from their offices or the comfort of their home.

Požadované vstupné znalosti

- General networking knowledge at least at CCNA level
- Layer 2 technologies (Ethernet, VLAN, STP, Port-channel, ...)
- Layer 3 technologies (TCP/IP, ARP, ICMP, BGP, VRF, OSPF, multicast, redistribution, ...)
- NX-OS knowledge (IOS/IOS-XE at minimum)

Študijné materiály

Participants will receive access to an electronic version of the study materials.

Osнова kurzu

- DC network evolution
- Nexus VXLAN HW overview

GOPAS Praha
Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



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Basic VXLAN EVPN in NX-OS mode

- VXLAN introduction
- VXLAN underlay, unicast & multicast
- VXLAN flood and learn
- VXLAN BGP EVPN
- VXLAN BGP EVPN L2 connectivity
- VXLAN BGP EVPN L3 connectivity
- VTEP multihoming (vPC)
- External connectivity
- Fabric automation & management introduction

Technické vybavenie

- Cisco Nexus 9300 switches

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