

Windows Server - network services

Course code: GOC219

Five-days instructor-led training course teaches detailed deployment and administration of networking services such as DNS servers and their farms and cooperation, DHCP servers and their high availability, routing and remote access, VPN technologies such as PPTP, SSTP or IKEv2 and IPSec, and also authentication and authorization to VPN and WiFi and 802.1x based on RADIUS implementation in NPS.

Affiliate	Duration	Course price	ITB
Praha	5	22 500 Kč	50
Brno	5	22 500 Kč	50
Bratislava	5	1 000 €	50

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
16.12.2024	5	1 000 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
10.02.2025	5	22 500 Kč	Presence	CZ/SK	GOPAS Praha
24.02.2025	5	1 000 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
24.03.2025	5	22 500 Kč	Presence	CZ/SK	GOPAS Brno
14.04.2025	4	1 000 €	Online	CZ/SK	GOPAS Bratislava online
26.05.2025	5	22 500 Kč	Presence	CZ/SK	GOPAS Praha
14.07.2025	5	1 000 €	Presence	CZ/SK	GOPAS Bratislava prezenčne

The prices are without VAT.

Prerequisites

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

Course outline

Static IPv4 and IPv6 addressing

NIC teaming

Basic of Windows Firewall

Blocking obsolete NetBIOS and LLMNR name resolutions with Windows Firewall

DNS servers

DNS zones, replication and their protection

DNS integration with Active Directory

Complex DNS scenarios, forwarding and other mechanisms

Load balancing DNS queries

Scripting, automation and central management for DNS servers

Record signing with DNSSEC

Controlling access to DNS services with Windows Firewall

DHCP servers and their authorization

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
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.: +421 248 282 701-2
info@gopas.sk



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DHCP assignment of IPv4 and IPv6 address parameters
High availability for DHCP servers and their replication
Controlling access to DHCP services with Windows Firewall
Managing IP addresses with IPAM
Routing and remote access
Implementing NAT on IPv4
DHCP relay agent
VPN technologies such as PPTP, SSTP, IKEv2, IPSec, AlwaysOn VPN, DirectAccess
Authenticating remote access users with RADIUS NPS server
Authentication such as PAP, SPAP, CHAP, MS-CHAP, MS-CHAPv2, EAP, EAP-TLS, PEAP
Reverse HTTP/HTTPS proxy WAP (Web Application Proxy)
Transport mode IPSec and tunnel IPSec with Windows Firewall

Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary preparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphasis as may be required to completely pass the exam

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