

Implementing and Administering Cisco Solutions

Course code: CCNA

This course gives you basic theory and practical knowledge of computer networks built on IPv4 and IPv6 protocols and provides a solid technical background for follow-up Cisco courses in all fields of technology. This is the official training course for 200-301 Cisco Certified Network Associate (CCNA) certification exam. Selected topics are delivered in the form of self-study modules. This CCNA course is a replacement of former ICND1 and ICND2 courses with added new topics about technologies such as SD-Access, SD-WAN, basics of programmability and it also contains selected chapters about wireless networking and network security.

Affiliate	Duration	Course price	ITB
Praha	5	39 900 Kč	0
Brno	5	39 900 Kč	0
Bratislava	5	2 500 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
11.05.2026	5	2 500 €	Online	CZ/SK	Online
11.05.2026	5	2 500 €	Presence	CZ/SK	Bratislava
15.06.2026	5	39 900 Kč	Presence	CZ/SK	ALEF NULA
☀ 27.07.2026	5	2 500 €	Presence	CZ/SK	Bratislava
☀ 27.07.2026	5	2 500 €	Online	CZ/SK	Online
☀ 31.08.2026	5	39 900 Kč	Presence	CZ/SK	ALEF NULA
21.09.2026	5	39 900 Kč	Online	EN	ALEF NULA - Online
12.10.2026	5	2 500 €	Presence	CZ/SK	Bratislava
12.10.2026	5	2 500 €	Online	CZ/SK	Online
30.11.2026	5	39 900 Kč	Presence	CZ/SK	ALEF NULA
14.12.2026	5	39 900 Kč	Online	EN	ALEF NULA - Online

The prices are without VAT.

Who is the course for

This course gives you basic theory and practical knowledge of computer networks built on IPv4 and IPv6 protocols and provides a solid technical background for follow-up Cisco courses in all fields of technology.

What we teach you

This is the official training course for 200-301 Cisco Certified Network Associate (CCNA) certification exam. Selected topics are delivered in the form of self-study modules. This CCNA course is a replacement of former ICND1 and ICND2 courses with added new topics about technologies such as SD-Access, SD-WAN, basics of programmability and it also contains selected chapters about wireless networking and network security.

Required skills

- Basic computer literacy
- Basic IP addressing knowledge

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.: +420 530 513 590
info@gopas.cz

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



Copyright © 2026 GOPAS, a.s.,
All rights reserved

Implementing and Administering Cisco Solutions

Teaching materials

Course material is provided in electronic format.

Course outline

- Basic characteristics of IP networks, OSI and TCP/IP model, network media and cabling LAN network, Ethernet protocol Basic switch configuration
- Configuration and troubleshooting of VLANs and trunks IP addressing (IPv4/IPv6)
- Basic router configuration Static and dynamic routing, inter-VLAN routing
- Introduction to Open Shortest Path First (OSPF) protocol
- Basics of Spanning Tree protocol (STP) and Rapid Spanning Tree protocol (RSTP)
- Configuration and troubleshooting of link aggregation a L3 redundancy WAN networks and protocols, VPN networks
- Configuration and troubleshooting of DHCP, ACL, NAT, Overloading Basic Quality of Service (QoS) concepts
- Introduction to wireless networks
- Introduction to network architectures
- Basics of network programmability and software-defined networks (SDN)
- Introduction of Cisco DNA Center™, Software-Defined Access (SD-Access) and Software-Defined Wide Area Network (SD-WAN) technologies Cisco device management - configuration backup, software upgrade, licensing, SNMP, syslog and NetFlow Network security and protection from threats Basic steps for security hardening of network devices

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.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

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



Copyright © 2026 GOPAS, a.s.,
All rights reserved