

Fast Convergence

Course code: SP3

Required skills Advanced knowledge of internetworking, TCP / IP, IP routing protocols including OSPF and BGP and configuration of Cisco routers including MPLS in the range of training A0/ICND and A1/ICND2, RS3/BGP/ROUTE and SP1/MPLS.

Teaching methods Professional explanation with practical samples and examples.

Teaching materials Cisco guide book for this course.

Course outline Fast Convergence introduction Failure detection techniques (Carrier Delay, BFD, HW limitace ...) Fast Convergence in Layer 2 networks (Flexlink, Rapid STP, REP, G.8032) Fast Convergence in Layer 3 networks (IGP + EGP tuning, LFA, BGP PIC) Fast Convergence in MPLS (LFA, MPLS TE, MPLS TE FRR, ...) High Availability, HW redundancy, NSR, NSF, ...

Affiliate	Duration	Course price	ITB
Praha	2	35 200 €	0
Bratislava	2	1 320 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
23.06.2025	2	35 200 Kč	Presence	CZ/SK	Praha - ALEF NULA
19.11.2025	2	35 200 Kč	Presence	CZ/SK	Praha - ALEF NULA

The prices are without VAT.

Required skills

Advanced knowledge of internetworking, TCP / IP, IP routing protocols including OSPF and BGP and configuration of Cisco routers including MPLS in the range of training A0/ICND and A1/ICND2, RS3/BGP/ROUTE and SP1/MPLS.

Course outline

- Fast Convergence introduction
- Failure detection techniques (Carrier Delay, BFD, HW limitace ...)
- Fast Convergence in Layer 2 networks (Flexlink, Rapid STP, REP, G.8032)
- Fast Convergence in Layer 3 networks (IGP + EGP tuning, LFA, BGP PIC)
- Fast Convergence in MPLS (LFA, MPLS TE, MPLS TE FRR, ...)
- High Availability, HW redundancy, NSR, NSF, ...

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



Copyright © 2020 GOPAS, a.s.,
All rights reserved