Course code: SP3

Required skillsAdvanced 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 methodsProfessional explanation with practical samples and examples.
Teaching materialsCisco 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, ...

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