

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, ...

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Course outline

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- Fast Convergence in MPLS (LFA, MPLS TE, MPLS TE FRR, ...)
- High Availability, HW redundancy, NSR, NSF, ...

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