

ST274c-EN MetroCluster Administration

Kurzbeschreibung:

Metrocluster IP 9.15.1 Installation, configuration and administration including switch configuration.

Zielgruppe:

Administrators of partners and customers

Voraussetzungen:

To be able to follow the learning content as well as the learning pace of the course **ST274c MetroCluster Administration** effectively, solid knowledge of ONTAP, Linux, networking, and Windows is essential.

We recommend attending the following training courses in advance, depending on your previous knowledge:

ST200c ONTAP 9.x Admin Basics ST217c ONTAP 9.x - NAS Advanced incl. Troubleshooting ST260c NetApp SAN Implementation incl. Brocade LI103 Linux Advanced MS126 Windows Server 2025 - Migration for IT Pros

Sonstiges:

Dauer: 5 Tage

Preis: 4700 Euro plus Mwst.

Ziele:

This training shows you in the style of a workshop both theoretically and practically how to configure and connect the Metro Cluster IP and the entire infrastructure. The training is conducted with 4 A220 systems (or 2 complete metroclusters), 8 BES-53248 switches and ClusterLion. In addition, physical VMware, Windows and Linux systems are connected and the various switchover and switchback scenarios are tested.

The certification NS0-527 can be done at the end of the course.



Inhalte/Agenda:

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 \$\delta 8 x BES switches \$\delta 2 x ClusterLion \$\delta \$\delta\$
♦ Overview
◆ Network basics: tagged, untagged VLANs, spanning tree, link aggregation, hash algorithms, QoS, ECN
♦ Cabling
 BES, Cisco and Metrocluster Compliant Switches Configuration
Metrocluster configuration
♦ Switchover, Switchback
 Reconstruction of a completely destroyed site
 MAUSO (Mediator-assisted automatic unplanned switchover).
 Tiebreaker, Mediator, ClusterLion configuration and testing
 Linux NetEM WAN simulator to test latency (distance) Packet loss, duplication, out-of-order delivery.
♦ Windows, Linux, ESX connectivity via iSCSI, NFS and CIFS
 Performance testing with FIO
Discuss and execute failure scenarios
♦ Troubleshooting
♦ Best practices
♦ Active IQ Config Advisor
♦ Open Lab Time for consolidation
♦ Exam preparation

◆ Accreditation exam NS0-014

♦ 2 x MetroCluster-IP 9.15.1 with A220