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:

- **2 x MetroCluster-IP 9.15.1 with A220**
  - ◊ 8 x BES switches
  - ◊ 2 x ClusterLion
  - ◊
- 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.
  - ◊ Corruption and Jitter
- 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