

ST260c-EN NetApp SAN Implementation incl. Brocade

Kurzbeschreibung:

Setup of a SAN Environment with ONTAP as a preparation for the NCIE SAN Certification

Zielgruppe:

- SAN- / NetApp Administrators
- Support and service staff

Voraussetzungen:

In order to be able to follow the course content and learning pace in the workshop **ST260c-EN NetApp SAN Implementation incl. Brocade**, basic ONTAP knowledge and basic knowledge of at least one of the server operating systems is required

Sonstiges:

Dauer: 5 Tage

Preis: 4700 Euro plus Mwst.

Ziele:

After the workshop **ST260c-EN NetApp SAN Implementation incl. Brocade** the student should be able to set up a Storage Area Network with ONTAP. Although the student will know how to connect servers to the SAN.

Inhalte/Agenda:

- **♦ SAN (FC, FCoE and iSCSI)**
 - ♦ Components
 - ♦ Topologies
 - ♦ Terms
 - ♦ Zoning
 - ♦ LUN-Masking/-Mapping
- ♦ Overview FC-NVMe**
 - ♦ Configuration NetApp
 - ♦ Configuration Server
- ♦ Brocade FC Switch Administration (16/32/64 Gb)**
 - ♦ FOS 8.x / 9.2.x
 - ♦ Initial Setup
 - ♦ Zoning (CLI, GUI)
 - ♦ Overview SANnav
- ♦ ONTAP 9.x SAN Configuration**
 - ♦ FC/IP SAN Setup
 - ♦ Licensing
 - ♦ Storage Provisioning
 - ♦ SVMs (Vserver)
 - ♦ HBA Management
 - ♦ LIFs
 - ♦ LUNs
 - ♦ Initiator Groups
 - ♦ Portsets
- ♦ HBAs: Emulex / QLogic**
 - ♦ Installation
 - ♦ Diagnose
 - ♦ GUI
- ♦ Connecting Windows/VMware/Linux Servers via FC (in practice) and iSCSI (as required)**
 - ♦ Requirements
 - ♦ Special features regarding servers with ONTAP
 - ♦ Multipathing with ALUA
 - ♦ SCSI Command Queue
 - ♦ Supported configurations
 - ♦ Software Installation (Drivers, Tools)
- ♦ SAN Troubleshooting**
- ♦ SAN Performance - A700 with 32 Gbit FC**