Brocade SAN Troubleshooting (TS 300)

Instructor Led Training (ILT)

BROCADE EDUCATION SOLUTIONS

Brocade Accredited Technical Support Specialist

DESCRIPTION:

This course provides the technical and process information needed to gather and use fabric data to identify and solve fabric issues in Fabric OS® v6.2 and MEOS 09.09. Lectures introduce the main concepts with a minimum of theory and a maximum of practical applications. In addition, hands-on lab exercises apply the processes defined in lecture.

DURATION:

3 days

FORMAT:

Lecture (55%)

Hands-on lab exercises (45%)

PREREQUISITES:

- FC 101 (Introduction to Fibre Channel Concepts) , HBA 100, AFS 141 (Introduction to Brocade Virtual Fabrics), CFP 270 (Introduction to Administration and Theory) and CFP 271 (Advanced Theory and Administration) courses or equivalent Fabric OS 6.x knowledge
- Familiarity with Brocade products, concepts, and operations

AUDIENCE:

This course is designed for partners and end-user level two and level three support personnel who provide Brocade technical support. Anyone with Brocade product experience that needs troubleshooting and technical support experience on Brocade products will also benefit.

OBJECTIVES:

Upon successful completion of this course and associated lab exercises, the student should be able to:

- Identify SAN problems using recommended troubleshooting processes, common troubleshooting commands and relevant resources.
- Analyze data captured using Brocade B-Series and M-Series data collection methodologies.
- Use Fibre Channel concepts and the Brocade `portlogdump` output to analyze end-device port initialization, login, registration, and query processes.
- Capture and analyze Brocade 8 Gbit/sec Host Bus Adapter statistics, logs and `portlogdump` data.
- Identify and fix problems related to end device connectivity.
- Add or replace a switch in an existing fabric and resolve switch-to-switch communication issues.
- Analyze common performance problems.

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