Sybase® Education Services

Advanced Administration and Troubleshooting for Adaptive Server Enterprise

Skill: Mastery
(EDB650) - 4 Days
Lecture: 50%/Labs: 50%

Gain a hands-on, in-depth look at Adaptive Server Enterprise by examining relevant internal data structures and learning practical troubleshooting techniques. Diagnose and prevent potentially disastrous situations and learn how to make optimal use of the features of Adaptive Server Enterprise (ASE) for normal administrative tasks. Real-world benefits include learning how to perform mission-critical administrative tasks more efficiently, improving system performance for end users, and troubleshooting disaster scenarios for data recovery.

Objectives:

Upon completion of this course, you will be able to:

- Create a new ASE server and perform post-installation security tasks

- Describe ASE connectivity and implement balanced network and port utilization with fail-over safety

- Set up remote logins and execute Remote Procedure Calls (RPCs) to other ASEs and Open Servers

- Describe the mechanics of database and table allocation/deallocation

- Use DBCC commands to detect and resolve table fragmentation, allocation, and linkage problems

- Configure ASE to obtain maximum performance for index creation and for bulk copying data in

- Perform effective backups, and troubleshoot dump, load, and recovery problems

- Rebuild a damaged database with up-to-the-minute data

- Rebuild the master device and database without a backup

Who Should Attend:

- Experienced Sybase system and database administrators

Course Topics:

- Dynamic Reconfiguration

- Using Advanced Installation Techniques

- Troubleshooting Connectivity Problems

- Extending Adaptive Server Using Component Integration Services

- Accessing Remote Servers

- Accessing Remote Objects

- Managing Physical Devices

- Analyzing Object Allocation

- Managing Table Fragmentation

- Using DBCC to Check Consistency

- Improving Performance of Bulk Copy and Create Index

- Troubleshooting Database Dumps and Loads

- Recovering From Non-master Device Failures

- Recovering From Master Device Failures

Prerequisites:

- System and Database Administration

Recommended, but not required:

- Performance and Tuning: Configuring Adaptive Server Enterprise

Contact your Sybase Education Training Consultant at 1-800-8-SYBASE (1-800-879-2273), Option 2, or visit sybase.com/education for the latest course price information.

knowledge