

EDB374: Fast Track to Replication Server Administration

Course Description

Get hands-on training on how to design, set up, and administer a Sybase Replication Server 12.6/15.0 environment. Learn the fundamental differences between a state consistent replicated data design and a distributed application data design. Also, learn the basic functions of Replication Server starting with basic replication concepts, architecture, usage, and administration issues. You will create replication definitions, database replication definitions, subscriptions, and understand materialization options, as well as error handling and routes. With this background, you will experience the ease of setting up a basic Warm Standby environment and then move to general troubleshooting practices to complete a fully functional Rep Server installation and environment. In addition, there will be optional material available that provides an introduction to heterogeneous replication.

Course Objectives

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

- Discuss the components and architecture of a Sybase Replication Server system
- Replicate user transactions and/or stored procedure executions
- Monitor, administer and modify a replication system
- Set up, administer, switchover, and tune a Warm Standby environment
- Monitor, troubleshoot, and customize a Replication Server environment
- Install Replication Server and configure databases for replication

Course Topics

- Fundamental Data Replication Concepts
- Replication Server System Architecture
- Resources
- Sybase Central and the Technical Library
- Table Replication Definitions
- Table Subscriptions
- Deploying Stored Procedure Replication
- Warm Standby Setup
- Warm Standby Usage

- Multi-site Availability
- Troubleshooting Common Errors and Exceptions
- Performing a Replication Server Installation
- Routes

Who Should Attend

Database Administrators, Replication Server Application Developers, Replication Server System Administrators, Data Application Designers

Prerequisites

([EDB115](#)) Fast Track to Adaptive Server Enterprise or the equivalent database administration experience and ([EDB356](#)) System and Database Administration for ASE

Format

55% Lecture
45% Labs

Duration: Classroom, On Site, SyberLearning LIVE