

Chapter 1: DB2 Replication and Publishing Overview

You will learn:

- Replication Options and different DB2 versions.
- Replication uses.
- Data Distribution.
- Data Consolidation.
- Bidirectional replication.
- Peer-to-Peer replication.
- SQL replication components.
- Control tables for Capture and Apply.
- Capturing data from a source table.
- Applying data to a target.
- Creating a subscription set.
- Alert Monitor.

Chapter 2: SQL Replication Tasks

You will learn:

- SQL replication tasks.
- Defining source and target servers.
- Control tables for Capture and Apply.
- Alert Monitor.
- Registering a source table.
- Subscription set - creating and defining.
- Capture and apply threads.
- LSN: Log Sequence Number.
- Apply operation.
- Version 8 enhancements.
- Replicating data between databases with Compatible Code Pages.

Chapter 3: Using the Replication Center

You will learn:

- Hardware requirements.
- Replication server requirements.
- Opening DB2 Replication Center.
- SQL Replication Icons.
- DB2 Replication Center Profile.
- Password management.
- Asnpwd command.
- Launchpad.
- Updates to the Replication Center.

Chapter 4: Replication Control Tables

You will learn:

- Control tables for Capture and Apply.
- Control tables.
- Capture tables.
- Apply control tables – creation.
- Applying tables.
- Creating multiple sets of Capture Control Tables.

Chapter 5: Replication Sources

You will learn:

- Capturing data from a source table.
- Define a replication source using the Replication Center.
- Selecting the replication sources.
- Defining the Registration options.
- Row Capture options.
- Vertical Subsetting.
- CD Table.
- Views as Replication sources.
- Views over multiple tables.
- Restrictions on views.

Chapter 6: Subscription Set

You will learn:

- Subscription set – creation.
- Grouping members to subscription sets.
- Apply qualifier.
- Defining subscriptions using the Replication Center.
- Subscription members to existing subscription sets – adding.
- Target types.
- Scheduling replication.

Chapter 7: Capture and Apply Operations

You will learn:

- Capturing data from a source table.
- Operations from the Replication Center.
- Capturing data from a source table.
- Capture commands.
- Capture parameters.
- Running apply.
- Applying data to a target.
- Starting and stopping Apply.
- Stopping capture.
- Querying status.
- Apply commands.
- Apply parameters.
- Control table pruning.
- Reinitializing capture.
- Capture: suspend and resume.
- ANSLOAD.

Chapter 8: Monitoring SQL Replication

You will learn:

- Examining program throughput.
 - Apply reports.
 - Monitor Control Tables: creating, contacts, conditions, alerts, monitor servers, monitor parameters, monitor trace.
 - Contacts – creating.
 - Alert conditions.
 - Asnmon command.
 - Receiving alerts.
 - Examining historic data.
 - Replication Analyzer: asnanalyze.
 - Replication Trace: antrc.
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