

Message broker introduction

- Role of message middleware for application and business integration
- Some typical requirement
- Message broker function
- Topology
- WBIMB architecture,
- Message parsing,
- Versions of Message Broker
- Overview of types of Message

Message Broker architecture

- Version 5 brokers role in business integration
- Version 6 brokers role in business integration
- Version 7 brokers role in business integration
- New function highlights
- Components
- The Configuration Manager
- The Broker
- The Broker Domain
- Message Set
- Message Flow
- Execution Group
- Terms within the message broker
- Development Overview

Installation & Configuration of Message Broker.

- Installation of Db2
- Installing the Message Broker.
- Installing the Toolkit for Development.
- Creating the Configuration Manager.
- Creating the Broker.
- Creation of the Domain Connection.
- Creation of the Execution Group.

WBIMB ESQL Structure

- Introduction to ESQL
- Field Names
- Module
- Function & Procedures
- Variable Declaration
- Data Types
- Field Reference in Tree Structure
- Operators
- Special Characters
- Statements

Message flow development tool

- Using WebSphere studio broker Toolkit for WBIMB
- Terms within the message broker Toolkit
- Discussion on different Perspectives Available in WBIMB Toolkit
- Role of Message flows in MB
- Message Flow Project Creation
- Designing the Message Flows.
- Discussion on the terminals available for Each Node.

Message Set Development

- Developing Message Set Project
- Developing Message Set
- Dealing with Message Definition Files

Nodes processing

- MQ input node
- MQ output node
- MQ reply node
- Filter node
- Trace
- Compute node
- Database node
- Try catch node
- Throw node
- Sub flow
- Aggregate Control
- Aggregate Reply
- Aggregate Request
- Mapping
- Input node
- Output node
- Publication
- Data Insert

Message format service

- Message repository manager
- Introduction to Parser
- Types of Parser
- Message broker domains
- Message sets
- Message Format
- Selecting a Parser
- MRM-XML

Publish and Subscribe

- Publish and subscribe concepts
- Topic-based PUB/SUB.

Trouble shooting

- Error Handling In Message Flows
- Monitoring the Logs of MB
- Demonstrating the Failure cases in Message flows.