



WebSphere MQ – System Administration

WebSphere MQ – System Administration Training Syllabus

Introduction to Messaging & Queuing Concepts

- Interoperability Challenges
- Messaging & Queuing defined
- Messaging & Queuing Characteristics
- Types of Messaging
- How Message Queuing Works
- Real World Examples

Introduction to WebSphere MQ

- WebSphere MQ overview

WebSphere MQ Installation

- Preparing Server Installation
- Installing WMQ Server
- Verifying installation
- Installing & verifying WMQ Client

WMQ Components

- Queue Manager
- Queues & Types of queues
- Channels & Channel Types
- Process Definition
- Name lists

MQ Message & Message Properties

Triggering



Distributed Queuing

- Distributed Queue Management
- How DQM Works?
- Distributed Queuing Components
- Defining connection between two systems
- Starting the communication

Clustering Overview and Demo

Administration Using WMQ Commands

- Managing QM
- Administering WMQ Objects (Local & Remote)
- Automating Administration Tasks

WebSphere MQ Control Commands

WebSphere MQ Security

WebSphere MQ Configuration & Management

- Configuring MQ
- File System
- Transactional Support
- MQ Dead letter queue handler

Availability, Recovery and Restart

- High Availability Configurations
- Logging
- Backing up and restoring MQ
- Recovery Scenarios



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Problem Determination

WebSphere MQ Transport for SOAP

WebSphere MQ Bridge for HTTP