

Chapter 1: Introduction

You will learn:

- WebSphere MQ: objects.
- MQSeries concepts and terminology.
- Advantages and problems associated with asynchronous processing.
- Triggers and events.
- One and two way communications.

Chapter 2: WebSphere MQ: Objects and Architecture

You will learn:

- WebSphere MQ and message queuing.
- Decoupling programs.
- Messages.
- Predefined queues and dynamic queues.
- Managing objects.
- Relationship between the objects.
- WebSphere MQ components.
- Two application programming interfaces: MQI and AMI.

Chapter 3: WebSphere MQ: Administrative Tasks

You will learn:

- Local and remote administration.
- Commands in administration.
- Running runmqsc.
- File name transformations.

Chapter 4: WebSphere MQ: Command Execution

You will learn:

- How to execute MQSC commands in different environments and with different inputs.
- Create MQ objects.
- System error messages.

Chapter 5: Remote Administration
You will learn: <ul style="list-style-type: none">• Utilization of remote objects.• Message Channel Agent.• Preparing for remote administration.• Component definition for remote objects.
Chapter 6: WebSphere MQ Configuration
You will learn: <ul style="list-style-type: none">• Utilization and management of configuration files.• How to recognize the default values.• Differences between UNIX and Windows.
Chapter 7: Dead-letter Queue Handler
You will learn: <ul style="list-style-type: none">• How to create a Dead-letter queue.• DLQ Handler - starting and use.• DLQ commands.
Chapter 8: Recovery and Restart
You will learn: <ul style="list-style-type: none">• Log features, location and names of logs.• Log contents.• Differences between circular versus linear logs.• Checkpointing.• Size and number of logs - calculation.

Chapter 9: Problem Determination
You will learn: <ul style="list-style-type: none">• Error message locations.• Error message types.• Common problems.• Application and communication problems.• Service updates and PTF.
Chapter 10: Clients
You will learn: <ul style="list-style-type: none">• How to install clients.• Communication between servers and clients.• Become knowledgeable with client features.• Use and manage TCP connections.
Chapter 11: Events
You will learn: <ul style="list-style-type: none">• Event types.• How to capture events.• Extract different event types.• Enable events.
Chapter 12: Clusters
You will learn: <ul style="list-style-type: none">• How to define messaging.• Perform a cluster set up and installation.• Cluster design issues.• Problems and pitfalls.