

MQ BASIC COMMANDS

IBM MQ Basic Commands

Queue Manager Commands

1. Start a Queue Manager

- strmqm <QueueManagerName>

2. Stop a Queue Manager

- **Controlled shutdown:**
endmqm <QueueManagerName>
- **Immediate shutdown:**
endmqm -i <QueueManagerName>
- **Forced shutdown:**
endmqm -p <QueueManagerName>

3. Check Queue Manager Status

- dspmq

Queue Commands

1. Create a Local Queue

- runmqsc <QueueManagerName>
- DEFINE QLOCAL('<QueueName>') REPLACE

2. Delete a Queue

- runmqsc <QueueManagerName>
- DELETE QLOCAL('<QueueName>')

3. Display Queue Details

- runmqsc <QueueManagerName>
- DISPLAY QLOCAL('<QueueName>')

Channel Commands

1. Start a Channel

- runmqsc <QueueManagerName>
- START CHANNEL('<ChannelName>')

2. Stop a Channel

- runmqsc <QueueManagerName>

- STOP CHANNEL('<ChannelName>')

3. Display Channel Status

- runmqsc <QueueManagerName>
- DISPLAY CHSTATUS('<ChannelName>')

Message Commands

1. Put a Test Message (using amqspout)

- amqspout <QueueName> <QueueManagerName>

2. Get a Test Message (using amqsget)

- amqsget <QueueName> <QueueManagerName>

3. Browse Messages in a Queue

- amqsbcbg <QueueName> <QueueManagerName>

MQSC Command Examples

1. Enter MQSC Mode:

- runmqsc <QueueManagerName>

2. Exit MQSC Mode:

- end

3. Save Configuration Changes:

- ALTER QMGR REPOS(<ClusterName>)

Administrative Utilities

1. Backup Queue Manager Configuration

- saveqmgr -m <QueueManagerName> -f <OutputFileName>

2. Restore Queue Manager Configuration

- runmqsc <QueueManagerName> < <InputFileName>

3. Display Queue Manager Logs

- dspmq

Listener Commands

1. Start a Listener

- runmqsc <QueueManagerName>
- START LISTENER('<ListenerName>')

2. Stop a Listener

- runmqsc <QueueManagerName>
- STOP LISTENER('<ListenerName>')

3. *Display Listener Status*

- runmqsc <QueueManagerName>
- DISPLAY LSSTATUS('<ListenerName>')

Queue Manager Details

- *Display All Queue Managers with Full Details*

DISPLAY QMGR(*) ALL

Listener Details

- *Display All Listeners with Full Details*

DISPLAY LISTENER(*) ALL

Queue Details

- *Display All Queues with Full Details*

DISPLAY QLOCAL(*) ALL

Channel Details

- *Display All Channels with Full Details*

DISPLAY CHANNEL(*) ALL

Service Details

- *Display All Services with Full Details*

DISPLAY SERVICE(*) ALL