



Software Group

# Guide Share France Groupe de Travail MQ février 2013

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# Agenda

- Evènements
- Gotchas



## POT MQ v7+, 2me séance

- POT de 2 jours, pour découvrir les nouveautés de MQ v7, v7.1, v7.5
  - Publication / Abonnement (Pub/Sub)
  - Sécurité MQ, par ex. Channel Authentication, Advanced Message Security
  - Nouveautés en files partagées (Shared queue offload, SMDS...)
  - Transfert de fichier par MQ
  - Support multi-version MQ
  - Extensions des fonctions MQ Client
  - Enterprise Service Bus
  - Etc
- Présentations et travaux pratiques
- Lundi—mardi, 29 - 30 avril
- Places limitées !
- Gratuit, mis à part frais de voyage, etc.
- Voir <http://www.ibm.com/fr/events/tec/> pour inscription, puis cliquez « WebSphere »

# On a gagné ! Les PDFs sont de retour !

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WebSphere Application Server Versio... x Integrated Solutions Console x translate knuffel to english - Google S... x IBM Help -

publib.boulder.ibm.com/infocenter/wmqv7/v7r1/index.jsp

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WebSphere. MQ Version 7.1 Information Center IBM.

Search: PDF Go Scope: All topics

Search Results

Total 8 result(s) found for PDF:

- Printing and PDF files
- WebSphere MQ 7.1 PDF documentation
- WebSphere MQ 7.1 product overview
- Welcome to the documentation
- Directories installed on Windows (.NET)
- Invocation and rules for the operations and control panels
- Creating and configuring a telemetry channel
- Task 20: Set up the operations and control panels

WebSphere MQ > Product overview

## WebSphere MQ 7.1 PDF documentation

You can download the WebSphere MQ 7.1 documentation as a series of PDF files.

Table 1. Mapping of PDF files to information center sections

PDF file	Information center section
<a href="#">wmq71.overview.pdf</a>	Product overview
<a href="#">wmq71.installconfig.pdf</a>	Planning Installing Migrating and upgrading Configuring
<a href="#">wmq71.administer.pdf</a>	Administering Security Monitoring and performance Troubleshooting and support
<a href="#">wmq71.develop.pdf</a>	Developing applications
<a href="#">wmq71.reference.pdf</a>	Reference

**Note:** The PDF files must be in the same folder for links between PDF files to function correctly.

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# Publications

- **Secure Messaging Scenarios with WebSphere MQ (Draft)**

Published: October 1, 2012, More details are available at

<http://www.redbooks.ibm.com/redpieces/abstracts/sg248069.html?Open>

- **WebSphere MQ V7.1 and V7.5 Features and Enhancements**

Revised: November 3, 2012, More details are available at

<http://www.redbooks.ibm.com/redpieces/abstracts/sg248087.html?Open>

- **WebSphere MQ Primer**

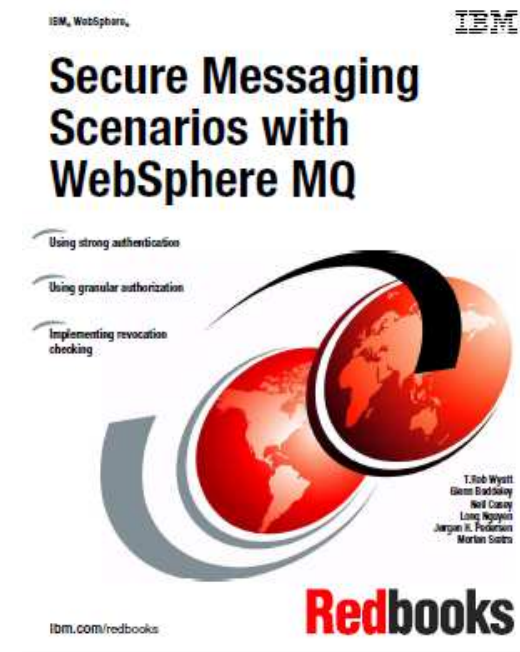
Revised: November 2, 2012, More details are available at

<http://www.redbooks.ibm.com/redpieces/abstracts/redp0021.html?Open>

- **MQTT and Arduino Devices.**

Revised: November 3, 2012, More details are available at

<http://www.redbooks.ibm.com/abstracts/redp4929.html?Open>



# MS0P MQExplorer extension SupportPac

- Extensions to the MQ Explorer
  - Formatting of Event messages
  - Aggregate Statistics & Accounting data
  - Trace Route
  - Message browsing extensions (eg. Moved to different queue, file...)
  - Manage remote servers above and beyond QMgrs (eg. Command line via RSH, REXEC...)
  - Produce MQ object lists for Excel, etc.
  - Interpret MQ header data, API variables, etc.
- V7.1.0.1, available July 2012 updated for MQ 7.5, added some new features, and youtube doc!

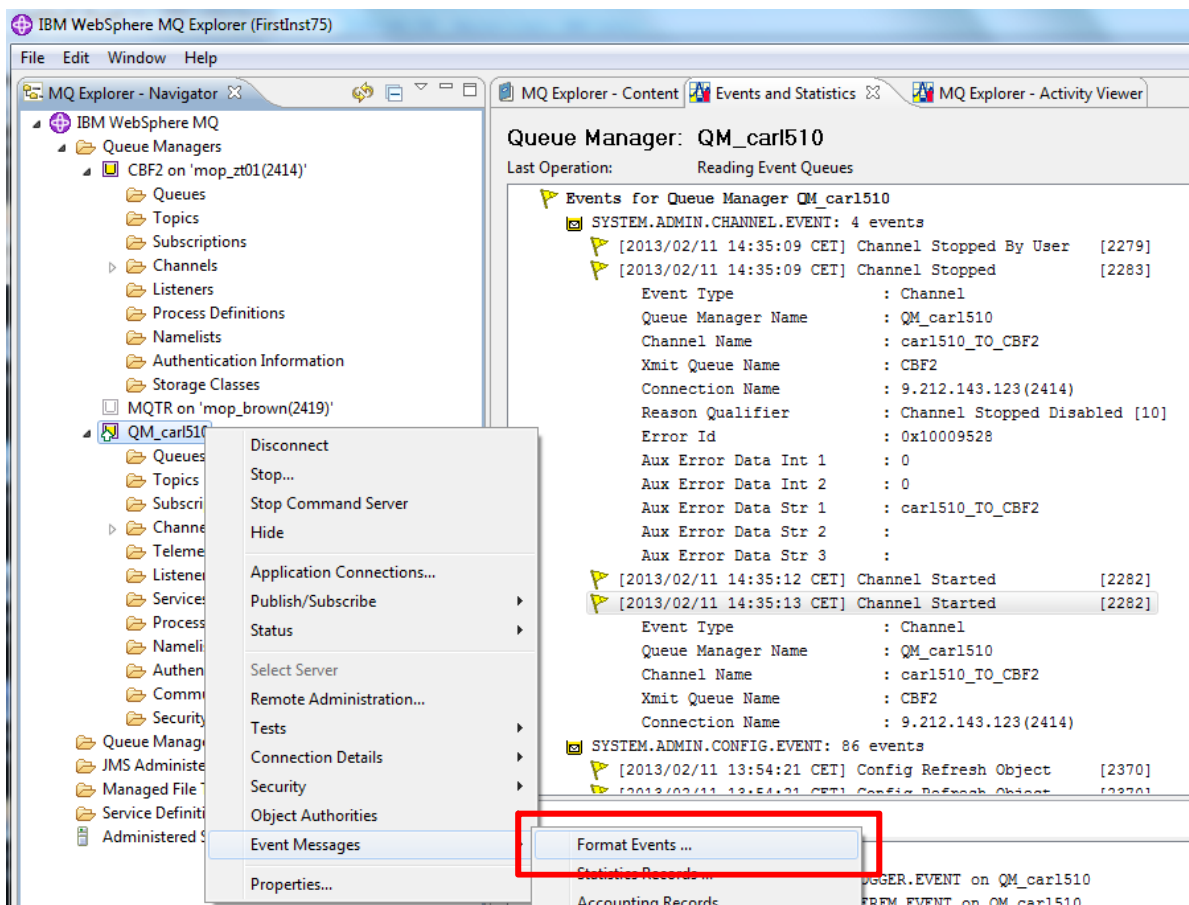
# MS0P Enriches the MQ Explorer

The screenshot shows the MQ Explorer 'Queues' panel with a context menu open for the 'Test' queue. The 'Watch Activity' option is highlighted with a red box. Below, the 'MQ Explorer - Activity Viewer' window displays a table of activity for the 'QM\_carl510' queue manager.

Queue Mgr	Object Name	Type	Put	Got	High Depth	Green Scale: 1,000
QM_carl510	carl510_TO_CBF2	Chl Sdr		163		
QM_carl510	Test	Queue	162	162	0	

Callouts in the image explain the bar chart: 'Msgs transferred' points to the green bar, and 'Msgs Put (green) and Get (red)' points to the stacked green and red bars.

# MSOP Format Events





# MSOP Format Application Activity Trace

MQ Explorer - Content | MQ Explorer - Activity Viewer | Events and Statistics

Queue Manager: QM\_carl510  
Last Operation: Reading from SYSTEM.ADMIN.TRACE.ACTIVITY.QUEUE

Application Activity Trace for Queue Manager QM\_carl510

- Application Count : 2
  - 'C:\\$user\Tools\AMQSBLST.exe' : from 2013-02-11 15:08:16 to 2013-02-11 15:08:16 on CARL510
    - Application Information
 

Tid	Date	Time	Operation	MQCC	MQRC	HObj	ObjName
001	2013-02-11	15:08:16	Conn	Ok	0000 (NONE)	-	-
001	2013-02-11	15:08:16	Open	Ok	0000 (NONE)	1575	Test

      - Object Type: Queue
      - Object Queue Manager Name: [blank]
      - Open Options: 0x00000010 [out ]
      - Object Type: Queue
      - Object Queue Manager Name: [blank]
      - Resolved Queue Name: Test
      - Resolved Queue Manager: QM\_carl510
      - Resolved Local Queue Name: Test
      - Resolved Local Queue Manager: QM\_carl510
      - Resolved Type: Queue
      - Dynamic Queue Name: AMQ.\*
    - 001 2013-02-11 15:08:16 Put Ok 0000 (NONE) 1575 Test
    - 001 2013-02-11 15:08:16 Put Ok 0000 (NONE) 1575 Test
    - 001 2013-02-11 15:08:16 Put Ok 0000 (NONE) 1575 Test
    - 001 2013-02-11 15:08:16 Disc Ok 0000 (NONE) -
  - 'Sphere MQ\bin\MQExplorer.exe' : from 2013-02-11 15:07:08 to 2013-02-11 15:08:01 on CARL510
    - Application Information

Last updated: 11 Feb 15:08:31



# New MP16 WebSphere MQ z/OS Capacity planning & Tuning

Version 2.0 is a restructuring of the MP16 SupportPac.

Apart from the re-structure, it also includes

- o changes for WebSphere MQ for z/OS version 7.1.0
- o performance changes on z196
- o disk performance changes using DS8800

A significant amount of costs have been removed from MP16 and can be found in the release specific performance e.g. SupportPac MP1H

This document aims to provide guidance on best configuration of the MQ subsystem and how the hardware and software that is used with MQ can affect the performance.

It also aims to highlight where limitations may be seen.