



Software Group

Guide Share France Groupe de Travail MQ mars 2012

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Agenda

- Annonces
- Alerts
- Evolutions de nos produits favoris...



Déjeuner <http://www.brasserie5sens.com/>

12h00

5 Sens

12 Place de la Renaissance, 92270
Bois-Colombes, France

+33 1 41 19 62 81



U. Mainframe, 15-16 mars

http://www.ibm.com/fr/events/udm_2012/ateliers15.html

The screenshot shows a Mozilla Firefox browser window displaying the IBM website for the UDM 2012 event. The page features the IBM logo at the top left, a search bar, and a navigation menu. The main content area is titled "UDM 2012 L'Université du Mainframe et des Systèmes Hybrides" with the dates "15 et 16 mars - IBM Forum Paris". A large, colorful, 3D geometric graphic is positioned to the right of the title. Below the title, there are tabs for "Ateliers du 15 mars" and "Ateliers du 16 mars". The "Ateliers du 15 mars" tab is selected, showing a list of workshops under the heading "Découvrez les ateliers dès maintenant et inscrivez-vous via le formulaire de participation". The workshops listed are:

- Assurance : Le client, au cœur du système d'information des assureurs
- Banque : Le patrimoine applicatif face à l'internationalisation
- Secteur Public : Gouverner, c'est prévoir. Les enjeux de la Gouvernance de l'Information
- Multi Secteurs : Smarter Commerce : le commerce à l'ère du consomm'acteur
- Industrie : Asset Management : vers la maintenance prédictive des équipements.

On the right side of the page, there is an "Inscription" section with a "Formulaire de participation" link and a "Pour en savoir plus" section with a photo of Vincent Pellegrin and a phone number "06 84 62 31 98".

Requests For Enhancements (RFE)

IBM Software RFE Community: RFE Community - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM Software RFE Community: RFE Com... | ibm.com | https://www.ibm.com/developerworks/rfe/ | CSQM2971 SMD5

IBM developerWorks Technical topics Evaluation software Community Events Search developerWorks

developerWorks > RFE Community >

IBM RFE Community

Welcome RFE Community users! Here you have an opportunity to collaborate directly with the IBM product development teams and other product users.

- Search for RFEs (view, comment, vote, and watch)
- Submit RFEs
- Track your RFEs (My RFEs)

RFE activities for all brands

- Search RFEs: Before you submit a request, search the existing database to minimize the number of duplicate entries. You can add your own comments to existing requests and share information across the community.
- Submit RFEs: Submit your own idea for a new RFE. Our development team will review your request and provide status updates throughout its lifecycle.

Browse RFEs

- Top 20 watched RFEs
- Top 20 voted RFEs
- Submitted RFEs
- Planned RFEs
- Delivered RFEs

My stuff

Select a topic you would like to view. The data will be displayed in the list to the right.

- My watchlist: → My watchlist. Keep track of RFEs you're interested in. You have no RFEs in your watchlist.
- My votes
- My RFEs
- My group memberships

Spotlight

- Announcements
- Give us your feedback

Brands

- All brands
- Information Management
- Rational
- Tivoli
- WebSphere

Latest RFE submitted

Product: Tivoli Storage Manager (TS...)

Headline: Support of 6G SAS interfa...

Submitter's display name: FUJITSU

IBM's latest RFE response

RFE with most votes

Most watched RFE

IBM Software RFE Community: Submitted... | ibm.com | https://www.ibm.com/developerworks/rfe/execute | CSQM2971 SMD5

IBM developerWorks Technical topics Evaluation software Community Events Search developerWorks

RFE Community | developerWorks > RFE Community > WebSphere >

Submitted request for enhancement (RFE)

↑ RFE details | ↑ Attachments | ↑ Vote | ↑ Comments | ↑ Reconsideration

The RFE shown below was submitted for a new feature of an existing product. The product development team will review your input and provide status updates as decisions are made regarding the RFE. Use this form to comment on the submission, to attach a file to the submission, to add the submission to a watchlist, or to add this submission to your most wanted features.

See the Comments section below for a complete list of comments and to add your own comment.

You can inform others of this RFE via email.

Back to Search

RFE details

Headline:	Logging lineal logs managed by the QMGR
	19128

Spotlight

- Announcements
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Brands

- All brands
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- Rational
- Tivoli
- WebSphere

RFE stats

0 vote(s)
0 comment(s)
1 user watchlist(s)

Product: WebSphere MQ

Component: Server

Operating system: Multiple Unix OSs

Visibility: Public
Public RFEs are visible to all users; Private RFEs are visible only to the original submitter. The visibility is automatically set when the RFE is created.

Country: Spain

Description: We have lots of qmgr in distributed platforms with logging lineal as IBM recommends for critical messages. We would like that the QMGR by itself manages the useless lineal logs. Currently, we need to implement a batch that executes the MS62 support pac regularly. It could include two or three options like remove, move to another path and so on.

Thanks
Pere

Use case: All production systems that needs to implement logging lineal logs.

Bookmarkable URL: http://www.ibm.com/developerworks/rfe/execute?area=case&viewRFE&CR_ID=19128
A unique URL that you can bookmark and share with others.

Vote

You have not voted for any RFEs.

✓ Add vote

→ My votes

Voting rules:

- You can only vote once for an individual RFE.
- You cannot vote for RFEs that have a "Delivered" status.

Back to top

Groups

- Group directory
- Create a new group

Browse RFEs

- Top 20 watched RFEs
- Top 20 voted RFEs
- Submitted RFEs
- Planned RFEs
- Delivered RFEs

Help

- Tutorials
- Frequently asked questions
- RFE status values and definitions
- Contact us

My group memberships

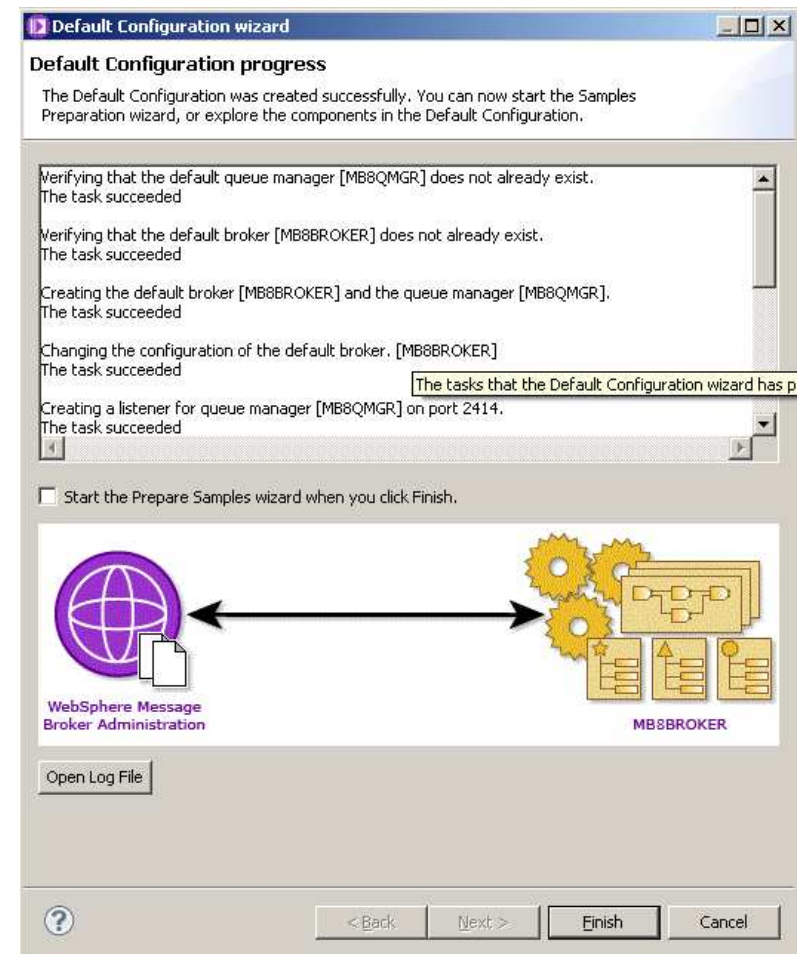
- My saved searches
- My RSS feeds
- My notifications

Techdocs

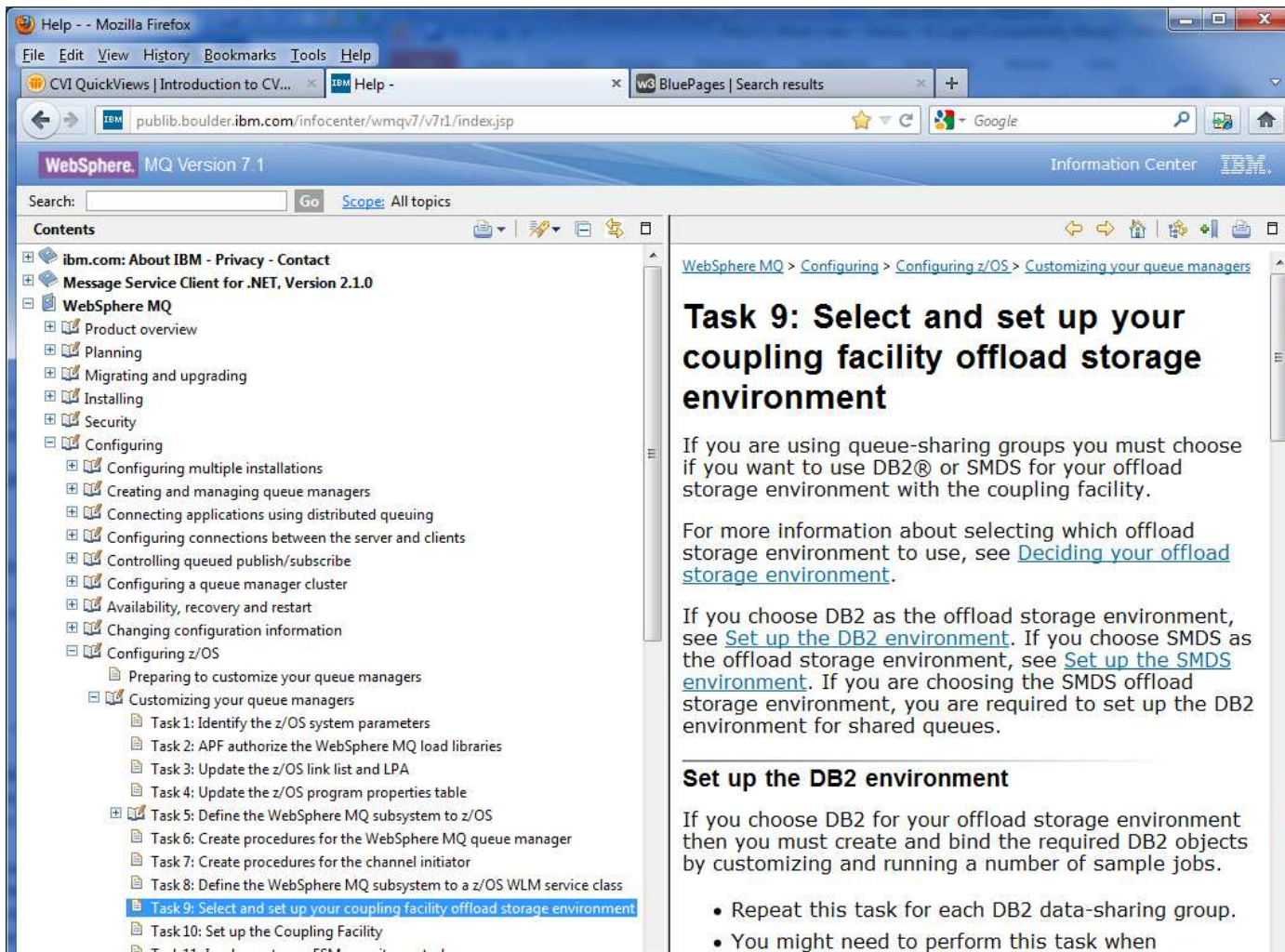
- **Installing WebSphere MQ 7.1 to coexist with MQ 7.0.1.7 in Linux**
 - <http://www.ibm.com/support/docview.wss?uid=swg27023934>
- **Installing WebSphere MQ 7.1 to coexist with MQ 7.0.1.7 in Windows**
 - <http://www-01.ibm.com/support/docview.wss?uid=swg27023935>

Astuce MQ V.1 avec WMB v8

- Installed WMB v8 on Windoze with no problem (nb. A few error messages did show up in C:\MBExplorer\MBExplorer_install.log, but no show-stoppers)
- But...
 1. When configuring my first Broker... ran into a problem because "default" MQv7.1 had Channel Authorization in place.
 - ✓ Disabled Channel Authorization and all was ok
 2. The WMB v8 MQExplorer plugin was NOT integrated into MQExplorer
 - ✓ Created C:\WebSphere MQ\MQExplorer\eclipse\links
 - ✓ \com.ibm.wmbadmin.broker.explorer.link with contents: path=C:/MBExplorer
- On z/OS, with WMBv8 and MQv7.1, did the following:
SET CHLAUTH('SYSTEM.BKR.CONFIG')
TYPE(ADDRESSMAP) ADDRESS('9.*.*.*')
USERSRC(CHANNEL) DESCR('Allow
IBMer and especially Carl') ACTION(ADD)



MQ InfoCenter - restructured



• <http://publib.boulder.ibm.com/infocenter/wmqv7/v7r1/index.jsp>

MQ Shared Queues with SMDS

The screenshot displays the IBM WebSphere MQ Explorer (Installation1) interface. The left pane shows the 'MQ Explorer - Navigator' with a tree view of the queue manager structure. The main pane shows 'MQ Explorer - Content' with the 'Coupling Facility Structures' view. A context menu is open over the 'CSQAPPL1' entry, showing options like 'Compare with...', 'Delete...', and 'Status'. A dialog box titled 'CSQAPPL1 - Shared message data set connections' is open in the foreground, showing the 'Queue-sharing Group: ZTEC' and a table of connections.

Coupling Facility Structures

Coupling facility name	Status	Level	Description	Recovery	Loss of CF connecti
CSQAPPL1	Active	5	Carl Shared Queues with ...	Yes	Tolerate
CSQSYSAPPL	None	3			Terminate

CSQAPPL1 - Shared message data set connections

Queue-sharing Group: ZTEC

Coupling facility name	Queue manager name	System name	Status	Fail date	Fail time
CSQAPPL1	ED02	ZT01	Active		
CSQAPPL1	ED01	ZT01	Active		

Filter: Standard for Coupling Facility Connect Status

Scheme: Standard for Coupling Facility Connect Status

Last updated: 16:55:08 (2 items)

Buttons: Refresh, Close

Setting up SMDS – hints 'n tips

- New CF STRUCTURE NAME(ZTECCSQSYSAPPL)
 - Not specifically for SMDS; new with MQ 7.0.1 for shared channels and for MQ transactional client group unit of recovery
- If using SMDS, you don't need to allocate as much DB2 space as you did with SQ with DB2 offload
 - The CSQ45... setup is the same, but you can lower some values, eg. Those related to ADMIN_B_MESSAGES, ADMIN_MSGS_BAUX*. Hint: ++LOB*QTY++, ++IMSG*QTY++, ++IMS1*QTY++
- I created a Rexx proc with all the SQ variables
 - Use `ALTLIB ACTIVATE APPLICATION(EXEC) DA('WBICFG.ED01.SCSQPROC')`
- Ran into problem (bug??) with CF 17 and minimum 32MB structures
- Don't forget to set `OPMODE(NEWFUNC,710)` in ZPARM

Gotcha – MQ z/OSabend potentiel avec z/OS 1.12

- Avec z/OS 1.2, le défaut pour REUSASID devient YES
- <http://www.ibm.com/support/docview.wss?uid=swg21571662&myns=swgws&mynp=OCSS7K4U&mync=E>
 - Override possible dans PARMLIB DIAG member
- Or.... certains produits (eg. MQ z/OS !) ne supportent pas REUSASID en BINDINGS
 - Vu notamment avec WAS z/OS quand configuré pour MQ Bindings (voir swg21410392)
 - Le problème peut être évité si les applications utilisent WAS v7 ou v8, et en Activation Specification (au lieu de ListenerPort) car dans ce cas là, c'est le CR Adjunct qui se connecte à MQ, et REUSASID est toléré (en gros....REUSASID est toléré quand l'espace adresse ne fait pas d'appel PC à MQ)

Gotcha – WAS connecting to MQ v7.1 in bindings mode

- Attention : avec MQ v7.1, il faut veiller que WAS exploite la bonne version de la bibliothèque MQ
- Pour quelques détails, voir <http://www.ibm.com/support/docview.wss?uid=swg21586547&myns=swgws&mynp=OCSSFKSJ&mynp=OCSSEQTP&mync=E>
- Il faut mettre à jour la bibliothèque native pour le MQ RAR afin qu'il identifie la version de MQ avec laquelle on travaille, eg. /usr/lpp/mqm/V710/java/lib

MQ v7.0.1 : problème de JMS Message Conversion

- MQ v7.0 a introduit un changement pour améliorer le support de conversion (avec MQGMO_CONVERT) pour le code JMS. Avant cette version, la conversion a été faite toujours par les classes Java ; après... c'est le Queue Manager qui le fait avant de rendre les donnée à l'application.
- Or.... Ceci a introduit des problèmes pour certaines applications (eg. Où il fallait faire la conversion par les classes JMS... code page pas dispo avec le QM) donc MQ 7.0.1.5 (APAR IC72897) a modifié le comportement de MQ afin que cette conversion se fait de nouveau par les classes Java (comme était le cas avec MQv6), et on peut optionnellement choisir le nouveau comportement où la conversion est effectuée par le QM.
- Si vous installez MQv7, mais avant 7.0.1.5, attention aux problèmes de conversion pour des applications JMS.
- Pour plus de détails, voir <http://www.ibm.com/support/docview.wss?uid=swg21501765&myns=swgws&mynp=OCSSFKSJ&mync=E> et <http://www.ibm.com/support/docview.wss?uid=swg21459994>

MA96 MQ Message Browser

- SupportPac pour les plates-formes distribuées
- Outil “line-mode
- Formatage des entêtes courantes (DLQ, EVENT, RFH, PCF...
- Sauvegarde, rechargement des messages

```

> Version : 2
> Report : (none)
> MsgType : REQUEST
> Expiry : -1
> Feedback : 0
> Encoding : 273 INTEGER_NORMAL / DECIMAL_NORMAL / FLOAT_IEEE_NORMAL
> CodedCharSetId : 819 (ISO 8859-1 ASCII)
> Format : MQHRF2 (Rules and formatting header 2)
> Priority : 4
> Persistence : PERSISTENT
> MsgId : 414D5120 514D5F63 61726C74 36312020 AD739049
> CorrelId : (null)
> BackoutCount : 0
> ReplyToQ : From.IMSQ
> ReplyToQMgr : QM_carlt61
> UserIdentifier : cfarkas
> AccountingToken : 16010515 00000033 268EE30C F2B9293B 6CD125F4
[.....3&Za.0¹);lN%0.....]
> ApplIdentityData :
> PutApplType : Windows
> PutApplName : C:\WINDOWS\system32\java.exe
> PutDate : 20090209
> PutTime : 20242406
> ApplOriginData :
> --- MD version 2-----
> GroupId : (null)
> MsgSeqNumber : 1
> Offset : 0
> MsgFlags : (none)
> OriginalLength : -1

```

```

DataLength:315
Buffer:(315=x13B bytes)
00000000:52464820 00000002 00000008 00000111 [RFH .....È....]
00000010:000004B8 4D51494D 53202020 00000000 [...,MQIMS....]
00000020:000004B8 00000020 3C6D6364 3E3C4D73 [...<mcd><Ms...
00000030:643E6A6D 735F6279 7465733C 2F4D7364 [d>jms_bytes<Msd
00000040:3E3C2F6D 63643E20 0000007C 3C6A6D73 [></mcd>...|<jms
00000050:3E3C4473 743E7175 6575653A 2F2F514D [><Dst>queue://QM
00000060:5F636172 6C743631 2F546F2E 494D5351 [carlt61/To.IMSQ
00000070:3C2F4473 743E3C52 746F3E71 75657565 [</Dst><Rto>queue
00000080:3A2F2F51 4D5F6361 726C7436 312F4672 [://QM_carlt61/Fr
00000090:6F6D2E49 4D53513C 2F52746F 3E3C546D [om.IMSQ</Rto><Tm
000000A0:733E3132 33343231 31303634 3034363C [s>1234211064046<
000000B0:2F546D73 3E3C446C 763E323C 2F446C76 [/Tms><Dlv>2</Dlv
000000C0:3E3C2F6A 6D733E20 49494820 00000001 [></jms> IIH ....
000000D0:00000054 00000000 00000000 4D51494D [...T.....MQIM
000000E0:53565320 00000000 46323830 20202020 [SVS ....F280
000000F0:20202020 20202020 4D51494D 53565320 [MQIMSVS
00000100:20202020 20202020 30303030 30303030 [00000000
00000110:30303030 30303030 20304320 001F0000 [00000000 0C ....
00000120:4956544E 56202020 20204449 53504C41 [IVTNV DISPLA
00000130:59205749 4C4B494E 534F4E [Y WILKINSON]

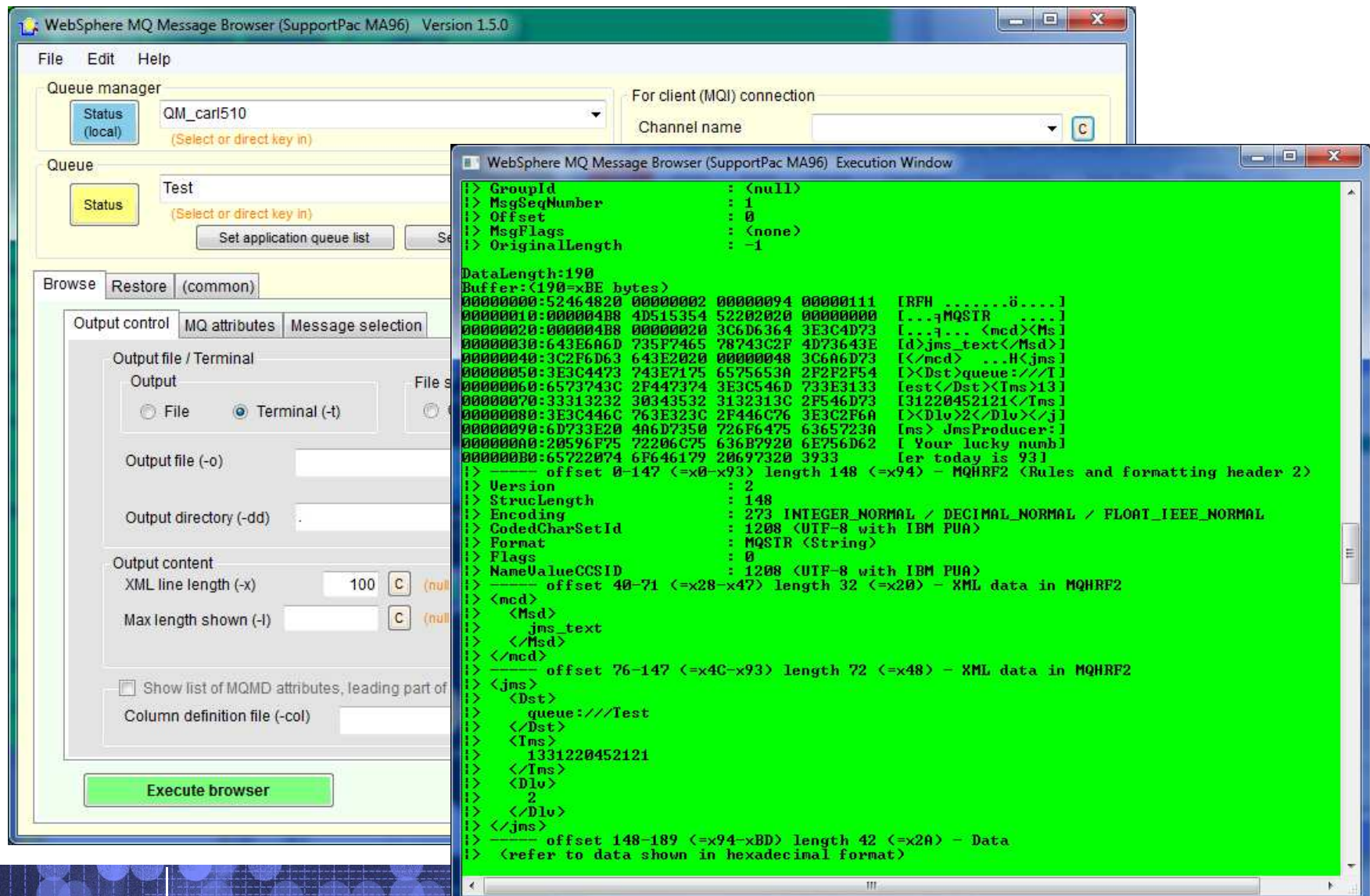
```

```

> ----- offset 0-199 (=x0-xC7) length 200 (=xC8) - MQHRF2 (Rules and
formatting header 2)
> Version : 2
> StructLength : 200
> Encoding : 273 INTEGER_NORMAL / DECIMAL_NORMAL /
FLOAT_IEEE_NORMAL
> CodedCharSetId : 1208 (UTF-8 with IBM PUA)
> Format : MQIMS
> Flags : 0
> NameValueCCSID : 1208 (UTF-8 with IBM PUA)
> ----- offset 40-71 (=x28-x47) length 32 (=x20) - XML data in MQHRF2
> <mcd>
>   <Msd>
>     jms_bytes
>   </Msd>
> </mcd>
> ----- offset 76-199 (=x4C-xC7) length 124 (=x7C) - XML data in MQHRF2
> <jms>
>   <Dst>
>     queue://QM_carlt61/To.IMSQ
>   </Dst>
>   <Rto>
>     queue://QM_carlt61/From.IMSQ
>   </Rto>
>   <Tms>
>     1234211064046
>   </Tms>
>   <Dlv>
>     2
>   </Dlv>
> </jms>

```

MA96 MQ Message Browser – 2012 (Windows)

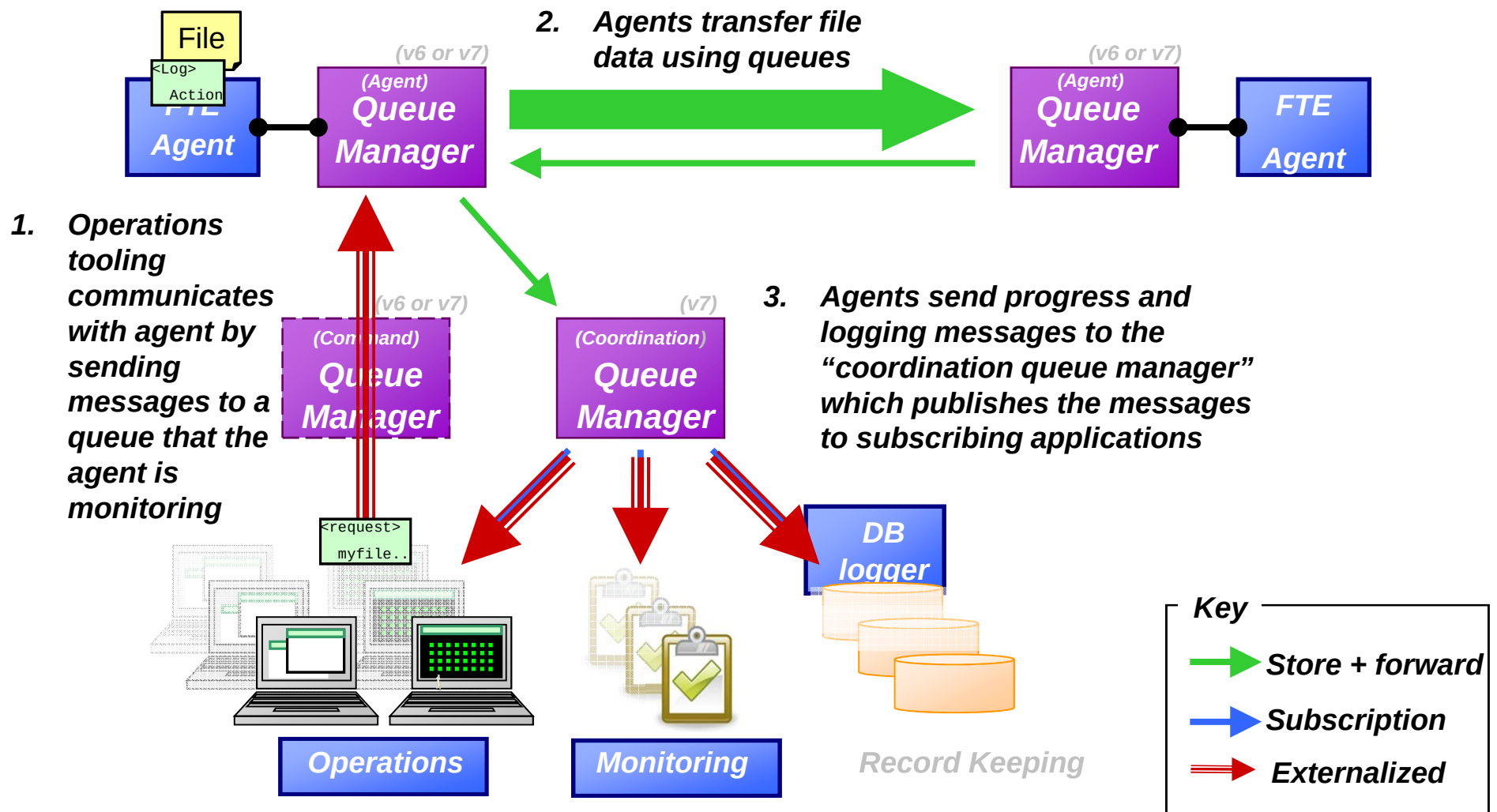


MQ Cloud Support: HyperVisor Editions

- HVE is pre-packaged image of MQ with an operating system
 - For easy configuration deployment into virtualised environments
- First release included MQ V7.0.1.4 and Red Hat Enterprise Linux x86 64-bit OS
 - Also now available with an AIX flavour
- Pre-defined patterns for IBM WebSphere Workload Deployer



MQ File Transfer Edition (FTE)



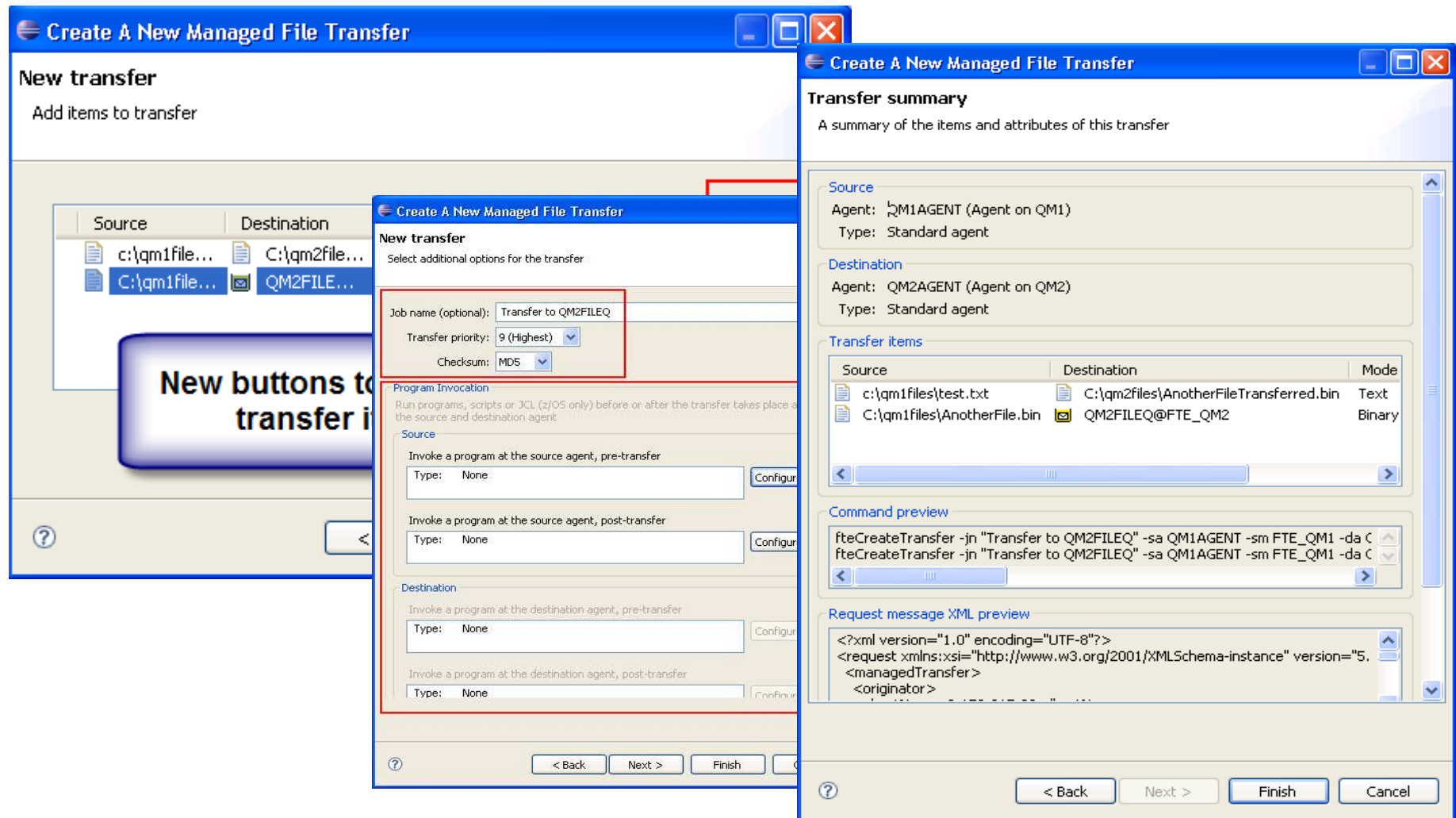
FTE 7.0.4.1

- **Enhancements to the WebSphere MQ Explorer plug-in**
 - Re-designed transfer wizard
 - **Editing** resource monitors (also available via command line)
- **Protocol bridge enhancements**
 - Support for FTPS protocol
 - Passive FTP option
 - One protocol bridge serving multiple FTP/FTPS/SFTP servers

For details, see

http://publib.boulder.ibm.com/infocenter/wmqfte/v7r0/index.jsp?topic=%2Fcom.ibm.wmqfte.doc%2Fnew_7041.htm

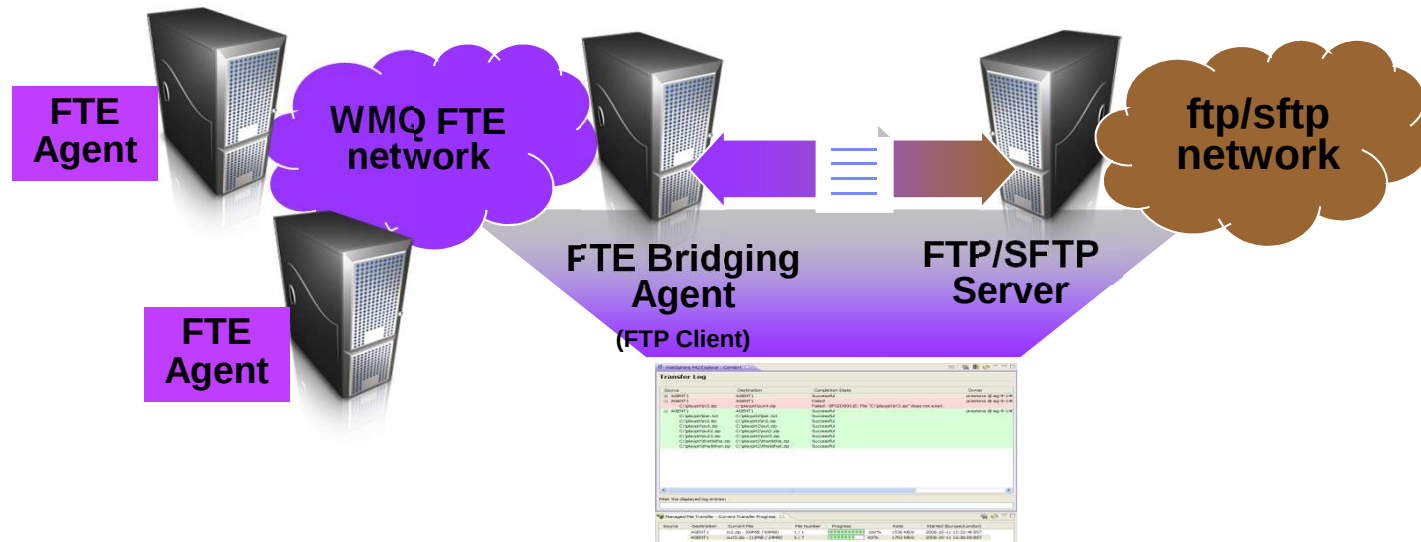
MQ FTE 7.0.4.1 GUI enhancements



FTE Protocol bridging - FTP/SFTP

- Support for transferring files located on FTP or SFTP servers
 - The source and/or destination for a file transfer can be an FTP or SFTP server
- Enables incremental modernization of FTP-based home-grown solutions
 - Provides auditability of transfers across FTP/SFTP to central audit log
 - Ensures reliability of transfers across FTP/SFTP with checkpoint restart
- Fully integrated into graphical, command line and XML scripting interfaces

Managed file transfers between MQ and FTP/SFTP networks



What is MQ AMS?

WebSphere MQ Advanced Message Security V7.0.1

- New product, announced and available Oct 5, 2010
- Provides security for MQ messages, end-to-end with no application changes
- It is a simple “add-on” product that enhances WebSphere MQ v6 or v7
- Security policies are used to define the security level required which leverage X.509 certificates

