



French MQ User Group

10 Avril 2025



Réunion Teams + présentiel
hébergée par IBM

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Agenda (Flexible)

Matin : TechXchange MQ IBM

- What's New MQ 9.4 (Luc-Michel DEMEY, DC)
- + sujets spécifiques TechXchange

Après Midi : Réunion MQ User Group

- Nouvelles du monde MQ (Luc-Michel DEMEY, DC)
- IBM MQ et Post Quantum Cryptography (Luc-Michel DEMEY, DC)
- Authentification avec JWT (Guillaume GELB, Air France KLM)
- Echanges avec Amy McCormick, Principal Product Manager for IBM MQ
- MQ 9.4.1/9.4.2 : Nouveautés MQ Console, dspmqcert, mqperfck)
- Partages utilisateurs



News du monde MQ

- Annonce IBM MQ 9.4.2
- Fixpacks & CSU
- Vulnérabilités
- IBM Integration Community
- IBM Ideas
- Planning 2025 ...



Annonce IBM MQ 9.4.2 CD

- Annonce 27/02/2025, disponible
- Nouveautés :
 - IBM MQ Performance Check Tool (mqperfck)
 - Backporté en 9.4.0.10
 - Améliorations MQ Console
 - Native HA Cross-Region Replication
 - Uniform Cluster Load Balancing pour JMS
 - Configuration CLI pour AMQP et MQTT
 - Kafka XML Converter
 - MQ Appliance : MFA, Cert based Authent, ...
 - OpenSSH pour MFT

Correctifs / Fixes

<https://www.ibm.com/support/pages/node/7105264>

MQ 9.4 LTS	Version 9.4.0.10 disponible - (02/2025) Fix Pack 9.4.0.15 prévu 08/2025	
MQ 9.4 CD	Version 9.4.2 disponible le 27/02/2025 CSU 9.4.1.1 17/12/2024	EOS 02/2026
MQ 9.3 LTS	Version 9.3.0.27 disponible - CSU (02/2025) Fix Pack 9.3.0.30 prévu 06/2025	
MQ 9.3 CD	Version 9.3.5 disponible (02/2024)	EOS 02/2025
MQ 9.2 LTS	Version 9.2.0.31 disponible - CSU (02/2025) Fix Pack 9.2.0.35 prévu 04/2025	EOS 09/2025
MQ 9.1 LTS	Version 9.1.0.27 disponible - CSU (02/2025) Plus de Fix Pack prévu	EOS 09/2023
MQ 9.0 LTS	Version 9.0.0.27 disponible - CSU (10/2024) Plus de Fix Pack prévu	EOS 09/2021
MQ 8.0	Fix Pack 8.0.0.16 disponible (03/2021) Plus de Fix Pack prévu	EOS : 04/2020



Fixpacks & CSD

- Depuis MQ 9.4 :
 - Les fixpacks sont tous des « Manufacturing Refresh »
 - Ils peuvent être utilisés pour installer ou monter de version MQ

<https://demey-consulting.fr/ibm-mq-v9-4-evolution-des-binaires-et-du-mode-dinstallation/>

- Depuis la version 9.2.3 :
 - Les packages d'installation sont signés
 - Certains installeurs vérifient cette signature (rpm)
 - Il faut installer la clé pgp d'IBM.

<https://demey-consulting.fr/verification-de-la-signature-des-packages-mq-sous-linux/>



Correctifs de sécurité

IBM MQ 9.3.0.6 à IBM MQ 9.4.1 et CVSS > 5.0

APAR	Description
IT47091	IBM MQ CVE-2024-54175 and IBM MQ Appliance CVE-2024-54175 [CVSS base score 5.5]
IT47597	IBM MQ CVE-2025-0975 and IBM MQ Appliance CVE-2025-0975 [CVSS base score 8.8] MQ Console
IT47606	IBM MQ Appliance CVE-2024-53088 , CVE-2024-53122 [CVSS base score 5.5]
IT43835	IBM MQ CVE-2025-23225 and IBM MQ Appliance CVE-2025-23225 [CVSS base score 6.5] DOS
IT47527	IBM MQ CVE-2024-21217 , CVE-2024-21208 , CVE-2024-10917 , CVE-2024-9143 [CVSS base score 5.3]
IT47065	IBM MQ Appliance CVE-2024-36020 [CVSS base score 7.1]
IT47254	IBM MQ CVE-2024-52898 [CVSS base score 6.2]

Rappel : CVSS >= 7.0 (Gravité élevée / critique) → correction sous 14 jours

IBM Integration Community

<https://community.ibm.com/community/user/integration/>

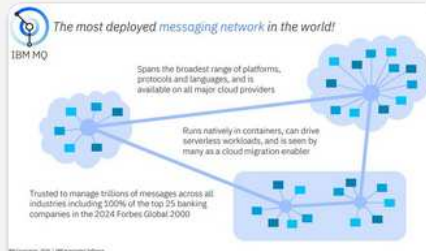


Queues for Kafka

You may have heard mention recently of a new capability that's currently being previewed in Apache Kafka, Queues for Kafka , ...



Posted by: **David W**
21 hours ago



Let's hear it for MQ Channels!

Perhaps I'm biased because it was the first area of IBM MQ (MQSeries as it was then) that I worked on as a new graduate joining...



9.4.2 marks ten years of the MQ Appliance

The IBM MQ Appliance was originally released on 13 March 2015, so this month marks its 10-year anniversary. It's simple



IBM MQ - Cross Region Replication materials

Quick link to this page: <http://ibm.biz/mq-crr-materials>
Sometimes big things come in small packages! IBM MQ 9.4.2



MQ 9.4.2 Community Webinar

IBM MQ 9.4.2, the second Continuous Delivery (CD) release of the 9.4 Long Term Support (LTS) line was released on February ...



Posted by: **Pradeep Sudarshan**
18 days ago

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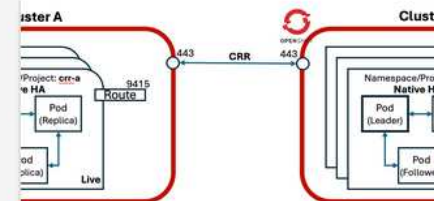


Applying Maintenance Upgrade to IBM MQ Developer Edition

What's new? IBM MQ has published a Developer Edition for a Maintenance Level release, version 9.4.0.10. This is a huge step ...



Posted by: **Naveen Heroorkar**
20 days ago



Using helm to deploy IBM MQ Native HA Cross Region Replication

Introduction Native High Availability (HA) Cross Region Replication (CRR) was introduced in IBM MQ 9.4.2 (announcement ...



Posted by: **Ian Shore** , 25 days ago

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Performance Overhead of NHA:CRR

In MQ V9.4.2, IBM released the capability of replicating between a live group of NativeHA (NHA) QM and a recovery group. This ...



Posted by: **Sam Massey**
28 days ago

IBM Integration Community

<https://community.ibm.com/community/user/integration/>
(sélection)



Titre	Auteur	MàJ
Queues for Kafka	David Ware	04/04/2025
Let's hear it for MQ Channels!	Morag Hughson	31/03/2025
9.4.2 marks ten years of the MQ Appliance	Jamie Squibb	25/03/2025
Increasing IBM MQ message & service availability	Jonathan Rumsey	28/02/2025
IBM MQ - Cross Region Replication materials	Kim Clark	18/03/2025
Using helm to deploy IBM MQ Native HA Cross Region Replication	Ian Shore	18/03/2025
Performance Overhead of NHA:CRR	Sam Massey	15/03/2025
NativeHA Cross-Region Replication: MQ on Kubernetes more reliable than ever.	Jean de Garrigues	27/02/2025
Setting up a Sender-Receiver configuration with mq-ansible	Mariana Villar Pacheco	27/01/2025
Introduction to the IBM MQ Performance Tool (mqperfck)	Mark Phillips	27/02/2025
MQ V9.4 Windows Server 2022 Performance Report	Sam Massey	17/12/2024



IBM Ideas

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List contains 711 ideas.

Enable "sticky" function to tie the JMSXGroupID to a single consumer [MESNS-I-846]

Submitted

We know MQ Supports MSXGroupID, but doesnt have option of "sticky" function totie the JMSXGroupID to a single consumer.Active MQ has this, and h...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  1  0  Created on 4 Apr 2025

provide "write to S3 storage" support for MQ MFT [MESNS-I-843]

Submitted

We have a couple of customer who would like to use MQ MFT to transfer data between onprem and cloud systems. In the cloud world the customers a...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  2  1  Created on 26 Mar 2025

MQ .NET Managed client - Use most secure common negotiated CipherSpec by default [MESNS-I-842]

Under review

When I try to use the alias Ciphers (ANY_TLS12_OR_HIGHER) which are very popular now, it is silently ignored and instead it is defaulting to insecure ...

IBM Ideas

<input type="checkbox"/> Delivered	115
<input type="checkbox"/> Functionality already exists	32
<input type="checkbox"/> Future consideration	199
<input type="checkbox"/> Is a defect	13
<input type="checkbox"/> Needs more information	1
<input type="checkbox"/> Not under consideration	320
<input type="checkbox"/> Submitted	2
<input type="checkbox"/> Under review	29





IBM Ideas : <https://ideas.ibm.com/>

Positive authorisation events [MESNS-I-841]

Future consideration

Today, Authority Events are used to trace unauthorized access attempts to an MQ object. For access auditing purposes, we would also like to have "pos...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  2  0  Created on 14 Mar 2025

Add Declarative Queues/Topics/Channels to the Operator [MESNS-I-807]

Future consideration

In the new CP4I there is support for declarative queues, topics and channels. We notice that this is a very nice feature and makes deploying integratio...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  12  0  Created on 9 Jan 2025

Add support for Prometheus Metrics [MESNS-I-715]

Future consideration

Currently, to generate key metrics (queue manager, queues, channels, etc), we have to use the sample (<https://github.com/ibm-messaging/mq-metric-...>

Idea for [MQ, MQ Advanced & MQ Appliance](#)  5  0  Created on 23 May 2024

Increase the length of shortname in MQ over the current limitation of 12 char [MESNS-I-722]

Future consideration

Today when customer setup LDAP in MQ, there is a limitation of 12 char as short name. Please look into it to increase the length of short name over 12 ...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  6  0  Created on 5 Jun 2024

MQ Console to have ability to display more information on Cluster Membership [MESNS-I-800]

Future consideration

It would be useful for the MQ Console to have the ability to display more information on Cluster Membership, similar to the information that is output f...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  1  0  Created on 10 Dec 2024

IBM MQ Container and Operator: expose more detailed metrics for prometheus monitoring.

Future consideration

[MESNS-I-790]

Today, as it is in MQ Operator, mq container expose a set of metrics that seems to be no enough for more detailed monitoring. We will need a plan to ...

Idea for [MQ, MQ Advanced & MQ Appliance](#)  2  0  Created on 19 Nov 2024

IBM TechXchange

<https://www.ibm.com/community/ibm-techxchange-conference/>

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Prochaines réunions - Planning 2025

- Deuxième semestre : Observabilité ?
 - Date
 - Lieu
 - Sociétés participantes



Merci pour votre participation !