Groupe MQ - 25 Octobre 2022

Réunion Teams + présentiel hébergée par SG

Luc-Michel Demey
Demey® Consulting
lmd@demey-consulting.fr

Agenda

- 09h30 : Discours de bienvenue
- 09h45 : Les nouvelles du monde MQ (LM Demey)
- 10h30 : Pause
- 11h00 : Nouveautés de la version 9.3 (Robert PARKER - IBM Hursley MQ Lab)
- 12h30 : Déjeuner
- 14h00 : Tour de table des participants
- 14h45 : Présentation des initiatives des membres de la communauté :
  - Réalisations du Client Engineering IBM : MQ sur Kubernetes & Openshift (Frederic Dutheil - IBM)
  - Licencing IBM MQ (Saad Benachi - IBM)
  - Bridge IBM MQ - Rabbit MQ + démo (SG)
  - Utilisation des API Nastel pour streamer les métriques MQ vers un datalake (SG)
  - Où est CHARLIE ? (LM Demey)
- 16h30 : Fin de de l'événement

News du monde MQ

- Annonce IBM MQ 9.3.1 (CD)
- Fixpacks + Nouvelle numérotation
- Vulnérabilités
- IBM Integration Community

Annonce IBM MQ 9.3.1

- IBM MQ 9.3.1 : CD
- Peu de nouveautés % MQ 9.3.0 LTS :
  - CAPEXPRY devient un attribut "first class" des files MQ
  - Support de RHEL 9 pour RDQM
  - Support du Stream pour les Shared Queues z/OS
  - Améliorations SMF pour les statistiques des files
  - Déplacement des librairies .NET
  - Allégement du liberty pour mqweb

Correctifs / Fixes

MQ 9.3 LTS	Version 9.3.0.1 disponible (09/2022) Fix Pack 9.3.0.2 prévu 4Q 2022	
MQ 9.3 CD	Version 9.3.1 disponible (10/2022)	
MQ 9.2 LTS	Version 9.2.0.6 disponible (06/2022) Fix Pack 9.2.0.7 prévu 4Q 2022	
MQ 9.2 CD	Version 9.2.5 disponible (02/2022)	**EOS 02/2023**
MQ 9.1 LTS	Version 9.1.0.12 disponible (10/2022) Fix Pack 9.1.0.13 prévu 2Q 2023	**EOS 09/2023**
MQ 9.1	Appliances M2001/M2002	**EOS 09/2023**
MQ 9.0 LTS	Version 9.0.0.13 disponible (04/2022) 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**
WMQ 7.5	Dernier Fix Pack 7.5.0.9 (09/2017)	**EOS : 04/2018**

Nouvelle numérotation des fixes MQ

- Deux types de fixes :
  - Fixes "classiques" (pour version LTS)
  - Cumulative Security Update (pour versions LTS et CD)
- Incrément :
  - De 1 pour les CSU
  - de 5 en 5 pour les fixes classiques
- Exemples :
  - 9.3.0.10 → Fixpack
  - 9.3.0.11 → CSU
- Mise en place en 1 Q 2023

Source : Changes to IBM MQ's maintenance delivery model

https://www.ibm.com/support/pages/changes-ibm-mqs-maintenance-delivery-model

Vulnérabilités

http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ibm+mq

Name	Description
CVE-2022-22489	IBM MQ 8.0, (9.0, 9.1, 9.2 LTS), and (9.1 and 9.2 CD) are vulnerable to an XML External Entity Injection (XXE) attack when processing XML data. A remote attacker could exploit this vulnerability to expose sensitive information or consume memory resources. IBM X-Force ID: 226339.
CVE-2022-22356	IBM MQ Appliance 9.2 CD and 9.2 LTS could allow an attacker to enumerate account credentials due to an observable discrepancy in valid and invalid login attempts. IBM X-Force ID: 220487.
CVE-2022-22355	IBM MQ Appliance 9.2 CD and 9.2 LTS are vulnerable to a denial of service in the Login component of the application which could allow an attacker to cause a drop in performance.
CVE-2022-22325	IBM MQ (IBM MQ for HPE NonStop 8.1.0) can inadvertently disclose sensitive information under certain circumstances to a local user from a stack trace. IBM X-Force ID: 218853.
CVE-2022-22321	IBM MQ Appliance 9.2 CD and 9.2 LTS local messaging users stored with a password hash that provides insufficient protection. IBM X-Force ID: 218368.
CVE-2022-22316	IBM MQ Appliance 9.2 CD and 9.2 LTS could allow an authenticated and authorized user to cause a denial of service due to incorrectly configured authorization checks. IBM X-Force ID: 218276.
CVE-2021-39034	IBM MQ 9.1 LTS is vulnerable to a denial of service attack caused by an issue within the channel process. IBM X-Force ID: 213964.
CVE-2021-39000	IBM MQ Appliance 9.2 CD and 9.2 LTS could allow a local attacker to obtain sensitive information by inclusion of sensitive data within diagnostics. IBM X-Force ID: 213215.
CVE-2021-38999	IBM MQ Appliance could allow a local attacker to obtain sensitive information by inclusion of sensitive data within trace.
CVE-2021-38986	IBM MQ Appliance 9.2 CD and 9.2 LTS does not invalidate session after logout which could allow an authenticated user to impersonate another user on the system. IBM X-Force ID: 212942.
CVE-2021-38967	IBM MQ Appliance 9.2 CD and 9.2 LTS could allow a local privileged user to inject and execute malicious code. IBM X-Force ID: 212441.
CVE-2021-38958	IBM MQ Appliance 9.2 CD and 9.2 LTS is affected by a denial of service attack caused by a concurrency issue. IBM X-Force ID: 212042
CVE-2021-38950	IBM MQ on HPE NonStop 8.0.4 and 8.1.0 is vulnerable to a privilege escalation attack when SharedBindingsUserId is set to effective. IBM X-ForceID: 211404.
CVE-2021-38949	IBM MQ 7.5, 8.0, 9.0 LTS, 9.1 CD, and 9.1 LTS stores user credentials in plain clear text which can be read by a local user. IBM X-Force ID: 211403.
CVE-2021-38875	IBM MQ 8.0, 9.0 LTS, 9.1 LTS, 9.2 LTS, 9.1 CD, and 9.2 CD is vulnerable to a denial of service attack caused by an error processing messages. IBM X-Force ID: 208398.
CVE-2021-29843	IBM MQ 9.1 LTS, 9.1 CD, 9.2 LTS, and 9.2CD is vulnerable to a denial of service attack caused by an issue processing message properties. IBM X-Force ID:

IBM Integration Community

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

Titre	Auteur	MàJ
Making CAPEXPRY a first-class MQSC attribute in MQ 9.3.1	**Vasily Shcherbinin**	**24/10/2022**
Authenticating to the IBM MQ Console with the openidConnectClient feature (1 + 2)	**Rob Parker**	**08/2022**
Everything you need to know about running IBM MQ on AWS	**Martin Evans**	**18/08/2022**
Create a network/relationship graph with a filter and clickable nodes	**Ryan Podany**	**10/08/2022**
How to use AMS to enforce security and governance by encrypting IBM MQ messages on OpenShift	**Théo Reignier**	**28/07/2022**
End to End Message Security using IBM® MQ	**Avinash Ganesh**	**21/07/2022**
Scaling IBM MQ uniform clusters and client applications in OpenShift	**Dale Lane**	**19/07/2022**
Nombreux articles sur MQ MFT		

Prochaines réunions - Planning 2023

- Full distanciel ou hybride ?
- Dates 2023
  - TBD ?

Merci pour votre participation !