

Guide MQ du 16 Octobre 2018



Société Générale – Les Dunes

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Agenda

- News du monde MQ
- What's New in MQ Oct 2018
- REST API and MQ Console
- Démonstration MQ SG
- MQ for zOS V9.1
- IBM Event Streams
- Tour de table
- Prochaines réunions : dates, contenu et speakers



Merci à Gwydion Tudur
IBM Hursley labs

Annnonce MQ version 9.1

IBM MQ Appliance M2002

- MQ 9.1 LTS = MQ CD 9.0.5.0 +
 - IBM Cloud Product Insights → IBM MQ ReportingService
 - Modifications du IBM MQ Bridge to Blockchain
 - REST Messaging pour MQ Appliance
 - IBM Cloud
 - Hourly licencing (Docker)
- Retraits en MQ 9.1
 - Dépréciation du protocole du CipherSpec TLS 1.0
 - Retrait du paramètre OPMODE sur z/OS
 - Pas de support pour HP-UX
 - Pas de support pour IE 11

Correctifs / Support

MQ 9.1 CD	Version 9.1 disponible (07/2018) Fix Pack 9.1.0.1 prévu 4Q 2018	
MQ 9.0 CD	Version 9.0.5 disponible (03/2018)	EOS : 03/2019
MQ 9.0 LTSR	Version 9.0.0.5 disponible (08/2018) Fix Pack 9.0.0.6 prévu 1Q 2019	
MQ 8.0	Fix Pack 8.0.0.10 disponible (06/2018) Fix Pack 8.0.0.11 prévu 4Q 2018	EOS : 04/2020
WMQ 7.5	Fix Pack 7.5.0.9 disponible (09/2017)	* EOS : 04/2018
WMQ 7.1	Fix Pack 7.1.0.9 disponible (11/2017)	EOS
ACE 11.0	Fix Pack 11.0.0.1 disponible (08/2018) Fix Pack 11.0.0.2 prévu 4Q 2018	
IIB 10.0	Fix Pack 10.0.0.14 disponible (09/2018) Fix Pack 10.0.0.15 prévu 4Q 2018	
IIB 9.0	Fix Pack 9.0.0.11 disponible (09/2018)	* EOS : 09/2018
WMB 8.0	Fix Pack 8.0.0.9 disponible (06/2017)	EOS

IBM MQ SupportPacs

No.	Name	Cat	Initial Release	Last Release	New/Updated
<u>MQC91</u>	IBM MQ V9.1 Clients	3	23July18	23July18	New
<u>MH06</u>	WebSphere MQ - Trace Tools	4	26Nov13	23Jul18	Updated
<u>MQC8</u>	WebSphere MQ V8.0 Clients	3	23May14	12Apr18	Updated
<u>MQC9</u>	IBM MQ V9.0 Clients (9005 & 905)	3	02Jun16	30Aug18	Updated

MS0P: WebSphere MQ Explorer – Extended Management Plug-ins and Tools
Version 9.1 pour MQ 8.0 à MQ 9.1 – 08/2018

<http://www-01.ibm.com/support/docview.wss?uid=swg24011617>

IBM Developer

<https://developer.ibm.com/messaging/blogs/>

Titre	Auteur	MàJ
Why you need queue sharing groups	Gwydion Tudur	07/2018
Application Activity – formatting and extracting key information	Mark E Taylor	07/2018
Shared queues – where do the messages live?	Gwydion Tudur	08/2018
AMS and TLS configuration in the MQ cloud service	Matt_Roberts	08/2018
RDQM HA Performance	Paul Harris	08/2018
MQ for z/OS version 9.1.0 performance report	Tony Sharkey	09/2018
Logger enhancements for MQ v9.0.2 and v9.1	Mark Whitlock	09/2018
IBM MQ V9.1 for Linux (x86-64 platform) 09/2018	Paul Harris	09/2018
M2001 HA and DR Performance report updated	Sam Massey	09/2018
M2002 MQ Appliance performance report	Sam Massey	10/2018

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IBM Messaging LearnMQ MQ Dev badge new! Blogs Downloads Products Videos Docs Get Help

MQ Tutorials
MQ Essentials

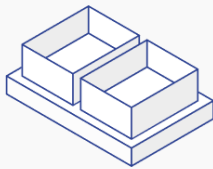
MQ Essentials

Getting started with IBM MQ

How does IBM MQ simplify communication between a



Application A



Application B

More specifically, one application places information for the other in a message, which is put on a message queue.



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IBM MQ Developer Essentials course

IBM MQ is everywhere.
Learn how to use the most powerful messaging solution and create apps that make the world work.
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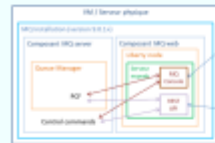
Learning objectives:

1. Understanding of the IBM MQ messaging concepts
2. Creating and configuring a simple queue manager, queue, topic
3. Developing a simple point to point JMS application that can connect and interact with the queue manager
4. Demonstrating learning and skills by taking up a coding challenge and developing a solution to a problem
5. Troubleshooting and debugging simple errors and connectivity issues

IBM MQ Console

<http://demey-consulting.fr/MQConsole>

MQ Console - Partie 2 : Paramétrage



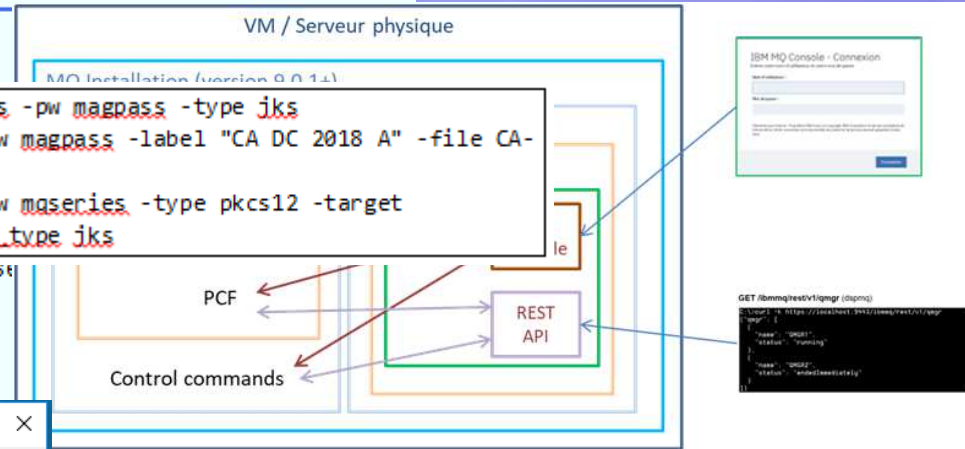
Cont

Ce document fait partie d'une série de 3 articles sur la mise

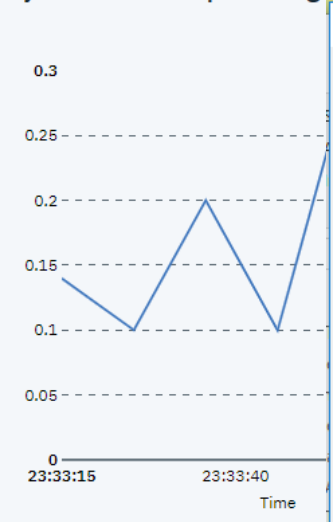
► [Partie 1 : Utilisation de MQ Console](#)

```

cuomackm -keydb -create -db dc_console.jks -pw magpass -type jks
cuomackm -cert -add -db dc_console.jks -pw magpass -label "CA DC 2018 A" -file CA-DC-2018A.crt
cuomackm -cert -import -file mq91a.p12 -pw mqseries -type pkcs12 -target dc_console.jks -target_pw magpass -target_type jks
    
```



System CPU time percentage



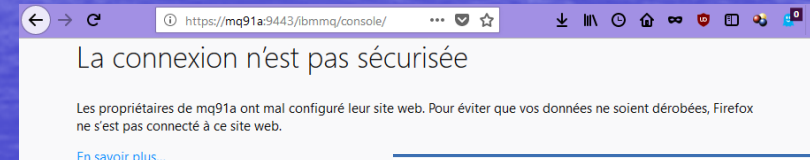
Certificat

Général Détails Chemin d'accès de certification

Afficher : <Tout>

Champ	Valeur
Objet	mq91a, Infra, Demey Consulti...
Clé publique	RSA (1024 Bits)
Paramètres de clé publique	05 00
Contraintes de base	Type d'
Autre nom de l'objet	Nom DN
Identificateur de la clé du s...	60eaf2
Empreinte numérique	512c0b

CN = mq91a
 OU = Infra
 O = Demey Consulting
 L = Paris
 C = FR



Queues on LMD02

Configuration

Création

Search

IBM MQ Console - Connexion

Entrez votre nom d'utilisateur et votre mot de passe

Nom d'utilisateur :

Mot de passe :

Code d'erreur : SEC_ERROR_UNKNOWN_ISSUER

Connexion



MQ Distributed & z/OS Sessions ■

- [Opening Remarks](#) by Roger Lacroix
- [What's New in IBM MQ?](#) by David Ware
- [Building a highly available and scalable solution with MQ clusters](#) by David Ware
- [MQ High Availability](#) by David Ware
- [Introduction to MQ](#) by Sam Goulden
- [MQ Administration, the Web Console, & REST API](#) by Sam Goulden
- [Where's my message?](#) by Matthew Whitehead
- [An Introduction to MQ Publish/Subscribe](#) by Matthew Whitehead
- [Securing your MQ environment](#) by Rob Parker
- [Connecting MQ to the Rest of the World](#) by Mark Taylor
- [Using Open Source solutions to monitor your queue](#) by Mark Taylor
- [Making MQ application development easier](#) by Mark Taylor
- [MQ Data Conversion](#) by Tim Zielke
- [MQ Security](#) by Glen Brumbaugh
- [IBM MQ as a Reactive System](#) by Lee Wheaton
- [Using runmqsc and dmpmqcfcg over TLS client](#) by T. Rob Wyatt
- [Automated cluster health monitoring](#) by T. Rob Wyatt

MQ Distributed Only Sessions ■

- [What's new with Logging in IBM MQ?](#) by Chris Frank
- [MQ High Availability and Disaster recovery Implementation](#) by John Carr
- [Using IBM Activity Trace to better understand your environment](#) by John Carr
- [MQ v9 Upgrade Best Practices](#) by John Carr

MQ z/OS Only Sessions ■

- [Using and Analysing SMF data](#) by Mark Taylor & Lyn Elkins
- [MQ for z/OS - An introduction to object authorization on that 'other' queue manager](#) by Lyn Elkins & Mitch Johnson
- [MQ for z/OS - Shared queues and why is my workload not running where I think it should](#) by Lyn Elkins

IBM MQ in the Cloud ■

- [MQ in the Cloud - The New MQaaS offering](#) by Matthew Whitehead
- [MQ Hybrid Cloud Architectures](#) by Matthew Whitehead
- [Running MQ in the Cloud](#) by Rob Parker
- [Running MQ in Containers](#) by Rob Parker
- [MQ Monitoring on the Cloud](#) by Suganya Rane
- [MQ on AWS](#) by Suganya Rane
- [MQ and IIB Deployment Patterns using Docker on IBM Cloud Private](#) by Sandeep Chellingi
- [MQ, IIB, Docker, Kubernetes and the IBM Cloud](#) by Glen Brumbaugh

IBM MQ Appliance Sessions ■

- [Benefiting from the IBM MQ Appliance](#) by Sam Goulden
- [MQ Appliance Administration best practices for running in HA](#) by Bob Becktell & Cindy Gregoire

ACE, IBM Integration Bus & Message Broker Sessions ■

- [Getting the most out of IIB and ACE!](#) by Chris Frank
- [ACE v11 the next generation of IBM Integration Bus and App Connect Professional](#) by Doyle Leabach

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Prochaines réunions - Planning 2019

– Dates :

- 22 Janvier 2019 (à confirmer)
- XXX
- XXX

– Lieux :

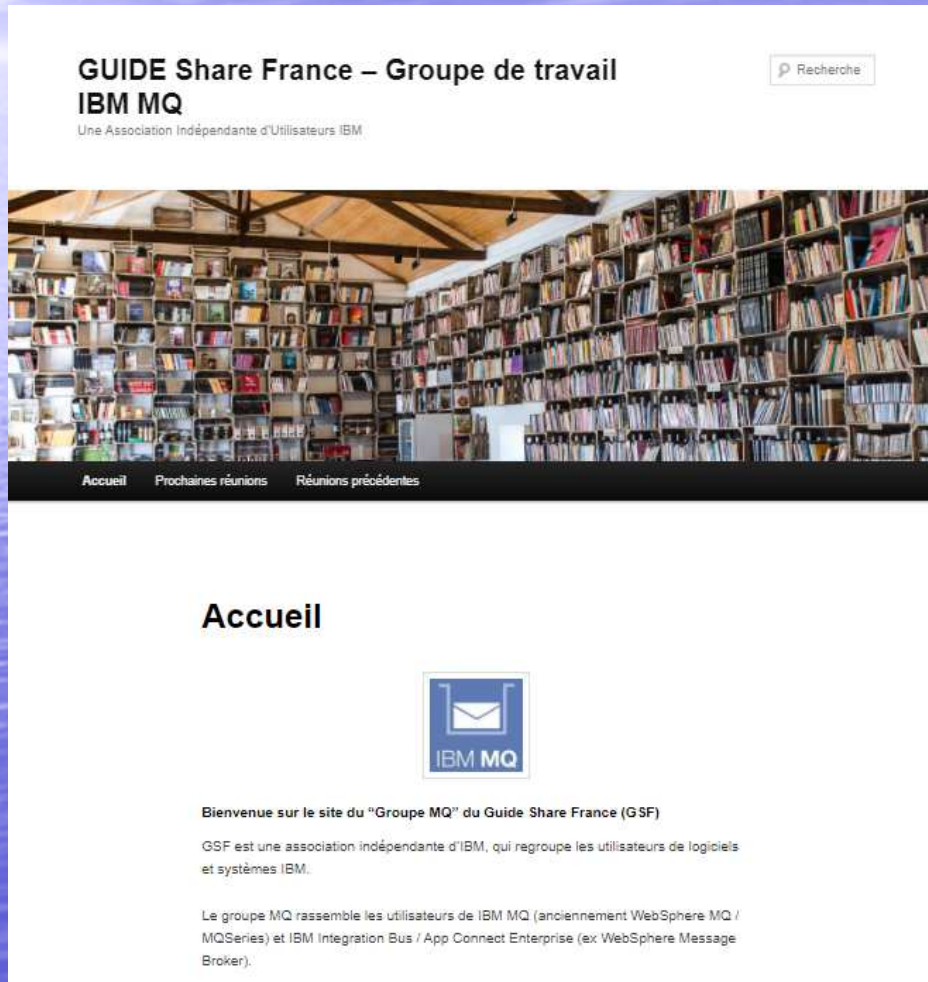
- IBM Bois Colombes (à confirmer)
- XXX
- XXX

– Sujets :

- Retours d'expérience MQ 9.1
- MQ in Clouds (ICP/AWS/Kubernetes/...)
- Patriot Act / CLOUD Act / GDPR : impacts sur MQ/IIB
- XXX


Guide Share Group MQ

<http://guide.webspheremq.fr/>




GUIDE Share France – Groupe de travail IBM MQ
Une Association Indépendante d'Utilisateurs IBM

Recherche



Accueil Prochaines réunions Réunions précédentes

Accueil



Bienvenue sur le site du "Groupe MQ" du Guide Share France (GSF)

GSF est une association indépendante d'IBM, qui regroupe les utilisateurs de logiciels et systèmes IBM.

Le groupe MQ rassemble les utilisateurs de IBM MQ (anciennement WebSphere MQ / MQSeries) et IBM Integration Bus / App Connect Enterprise (ex WebSphere Message Broker).

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