IBM MQ Installation

Cyber group India Pvt. Ltd. V1.1

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| **Created/Updated By** | **Date Modified** | **Version** | **Details** |
| Lakshya Kalia | Jan 31, 2019 | V1.0 | Draft |
| Bushra Kausar | Feb 04, 2020 | V1.1 | Updated details. |

# To Install IBM MQ

1. Create an account by using Signup on below URL

<https://www.ibm.com/account/reg/in-en/signup?formid=urx-17867>

1. Select & download IBM MQ V9.1 Long Term Support Release Trial for Ubuntu on x86 64-bit Multilingual
2. After download, extract the ‘tar.gz’ ﬁle . Open terminal within the extracted folder. Follow the below commands in terminal

$ sudo ./mqlicense.sh

$ sudo apt install ./ibmmq-runtime\_0.1.0.0\_amd64.deb

$ sudo apt install ./ibmmq-\* *{to install all the packages}*

$ /opt/mqm/bin/crtmqenv -s *{to create environment variables}*

$ ./opt/mqm/bin/setmqenv -s *{to set environment variables}*

$ getent passwd *{to view all the existing users and their uid}*

$ groups mqm *{see if mqm user is part of mqm group or not}*

$ sudo adduser mqm *{to create mqm user if not exists}*

$ sudo usermod -a -G mqm mqm *{to add mqm user to mqm group}*

$ sudo usermod -a -G mqm <username> *{to add localuser to mqm group – optional}*

$ xhost + *{to grant access to clients to connect from any host}*

Go to /opt/mqm/bin/

$ sudo su mqm

$./MQExplorer *{to run the MQ Explorer}*

# To create a Queue Manager

1. Right-click on queue manager on the left and select create new queue manager.
2. Type in the name and dead letter input box = SYSTEM.DEAD.LETTER.QUEUE. Click next and again click next .
3. Select the make connection checkbox and click next . Click Finish.