

Steps to install IBM MQ

- Go to <https://www.ibm.com/account/reg/in-en/signup?formid=urx-17867> and signup to create an account.
- Select **IBM MQ V9.1 Long Term Support Release Trial for Ubuntu on x86 64-bit Multilingual** and click download.
- After download, extract the tar.gz file .
- Inside the extracted folder , open terminal .
- Follow the below commands in terminal

- ***sudo ./mqlicense.sh*** and press enter.
- ***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/ and type - ***sudo su mqm***
- ***./MQExplorer*** (to run the MQ Explorer)

To create a Queue Manager

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