Gateway and IoT protocols

Team Emertxe

Installing RabbitMQ Server

Run these commands to install

- ## Step 1 – Install RabbitMQ on Ubuntu

  echo 'deb http://www.rabbitmq.com/debian/ testing main' | sudo tee /etc/apt/sources.list.d/rabbitmq.list

  wget -O- https://www.rabbitmq.com/rabbitmq-release-signing-key.asc | sudo apt-key add

  sudo apt-get update

  sudo apt install rabbitmq-server

- ## Step 2 – Manage RabbitMQ Service

  sudo update-rc.d rabbitmq-server defaults

  sudo service rabbitmq-server start

- To stop

  sudo service rabbitmq-server stop

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Installing RabbitMQ Server

- ## Step 3 – Create Admin User in RabbitMQ

  sudo rabbitmqctl add_user admin password

  sudo rabbitmqctl set_user_tags admin administrator

  sudo rabbitmqctl set_permissions -p / admin ".*" ".*" ".

- ## Step 4 – Setup RabbitMQ Web Management Console

  sudo rabbitmq-plugins enable rabbitmq_management

  open the below link

  http://localhost:15672

  port no of rabbitmq is 15672

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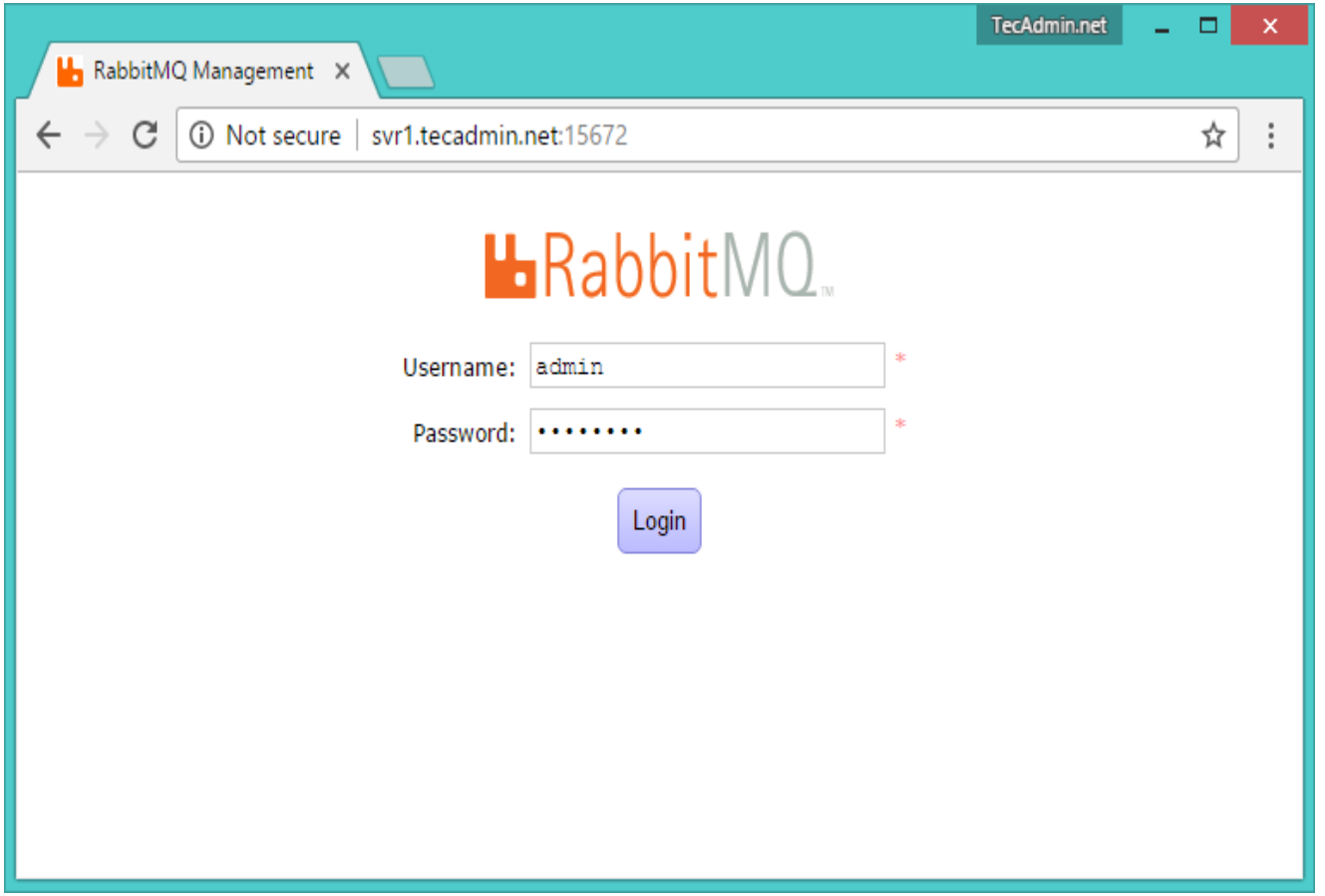
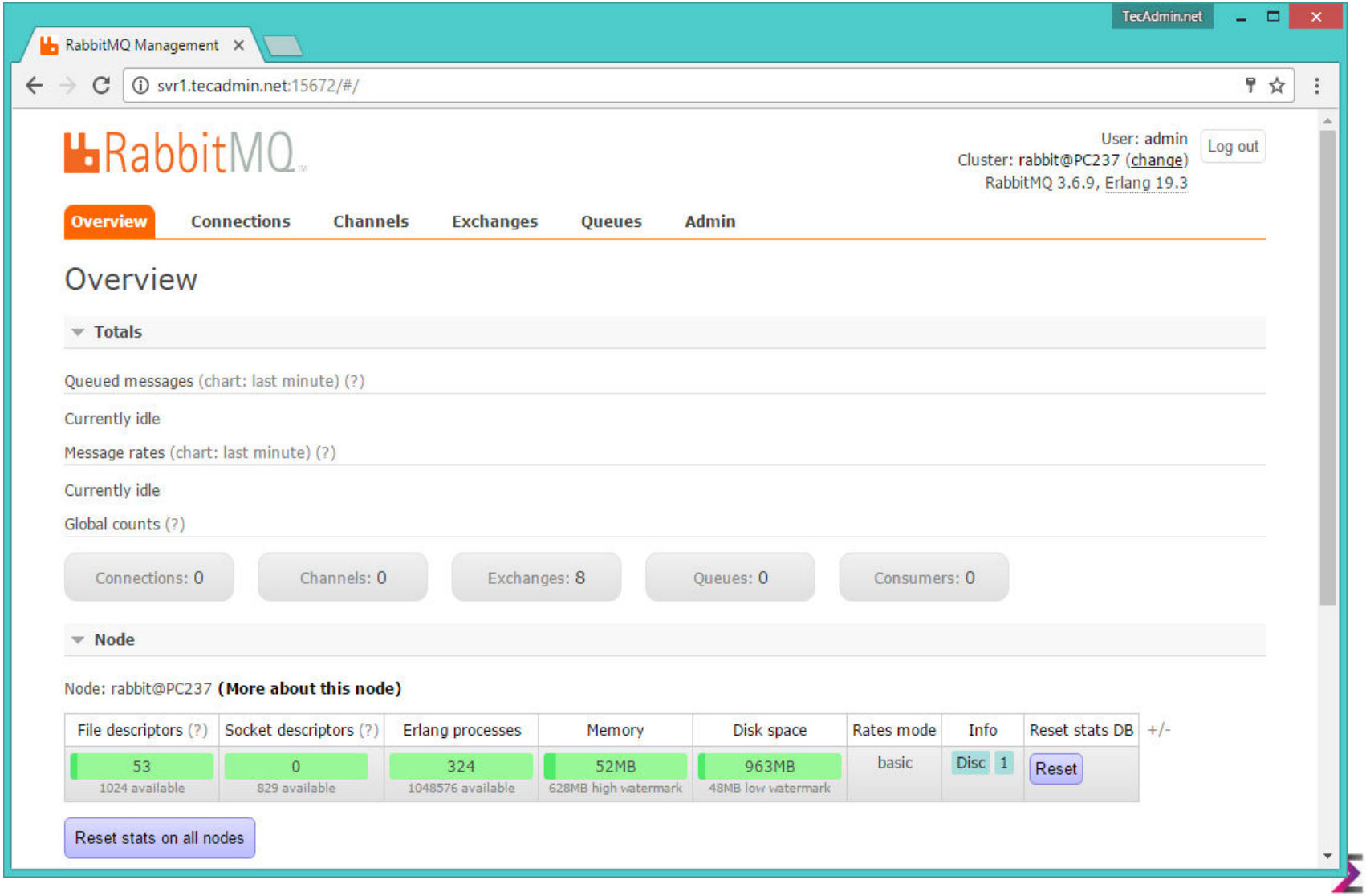
- open the below link

http://localhost:15672

- port no of rabbitmq is 15672
- Use the username and password created in step 3



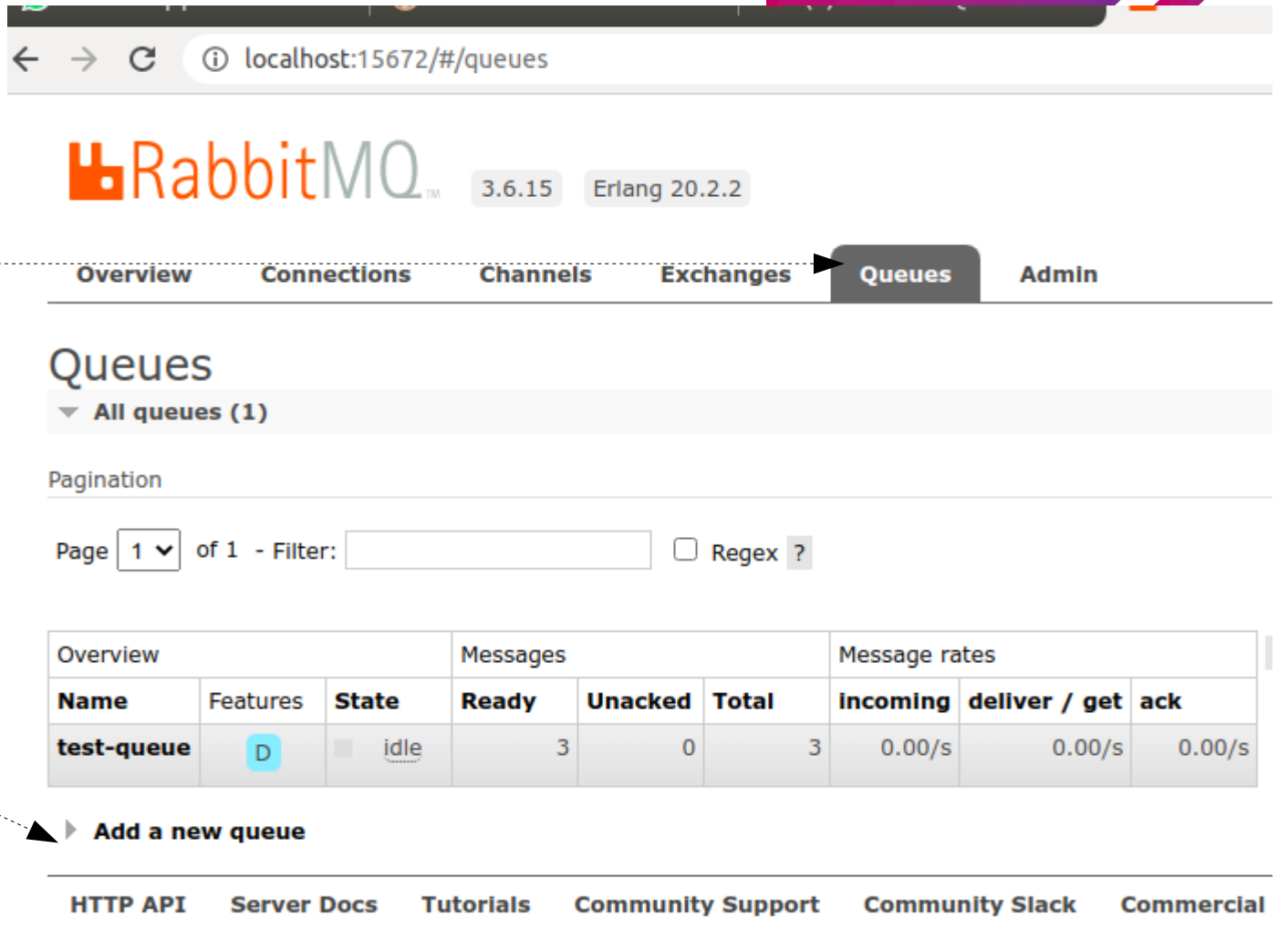
After login, you will get the RabbitMQ management web interface dashboard.



To create queue

Select queue

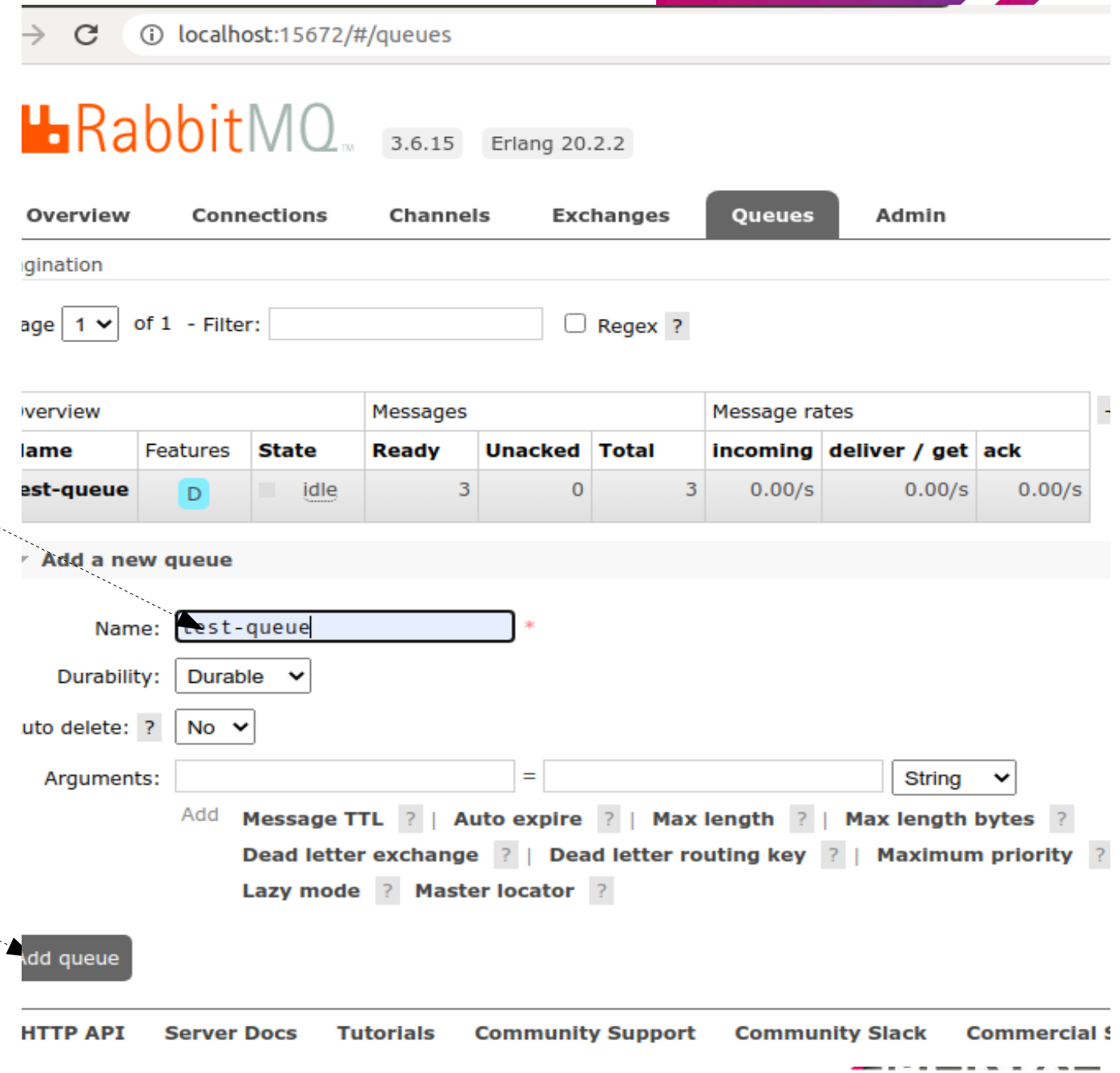
Add queue



To create queue

Add queue name

Add queue



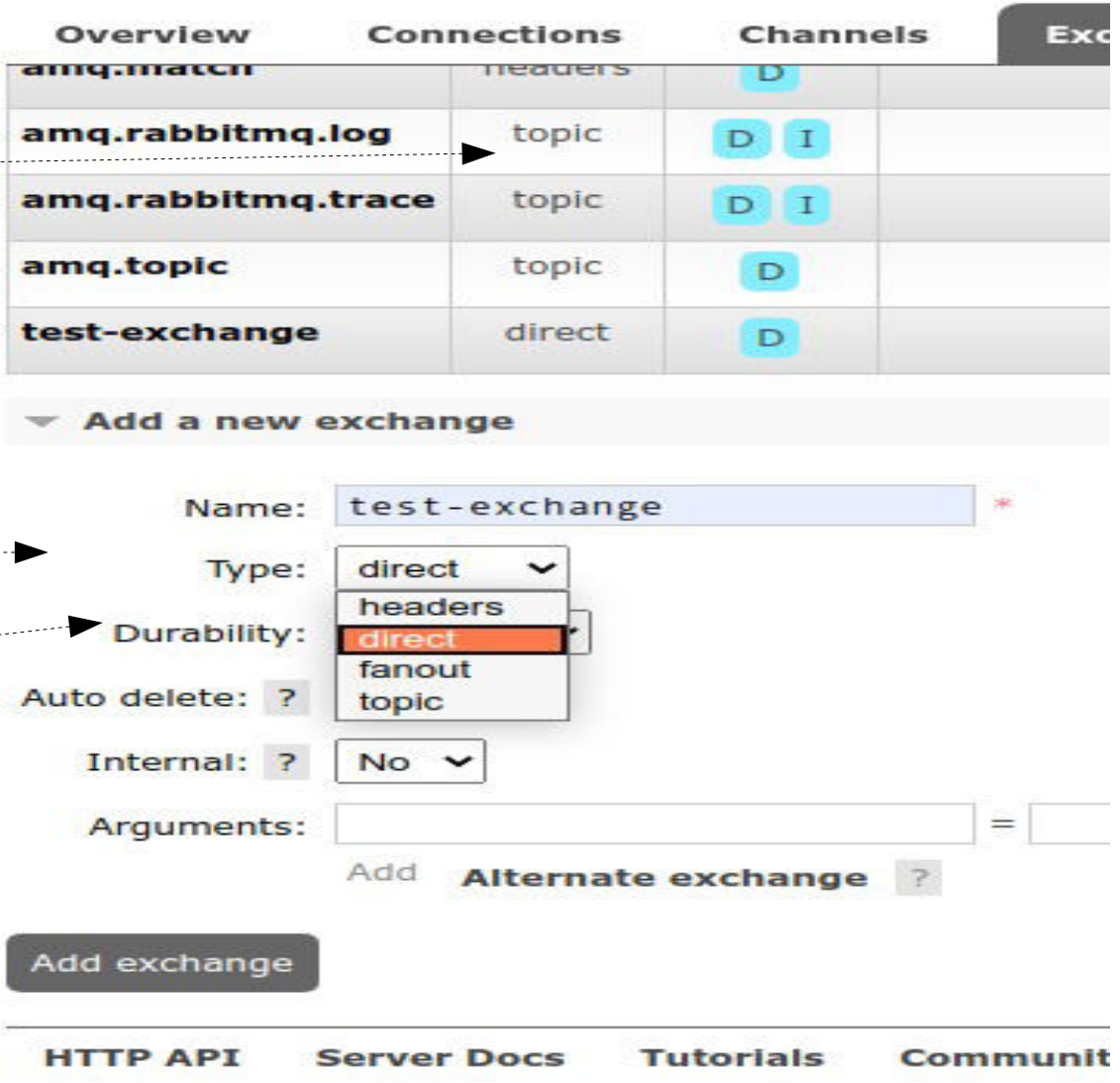
To create exchange

Select exchange

Add exchagne name

Select direct type

Add exchange



To bind exchange

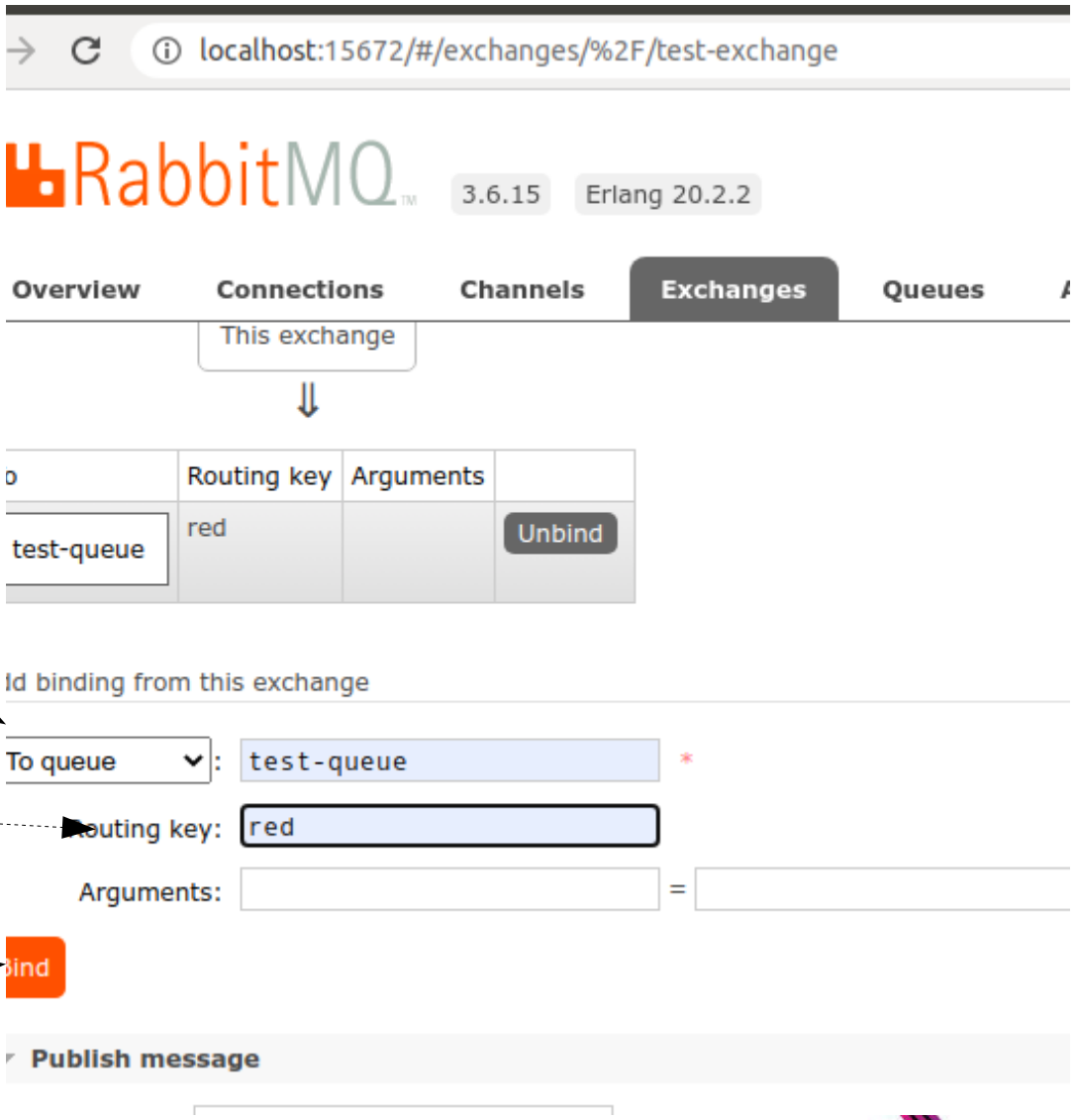
Select exchange

To bind exchange

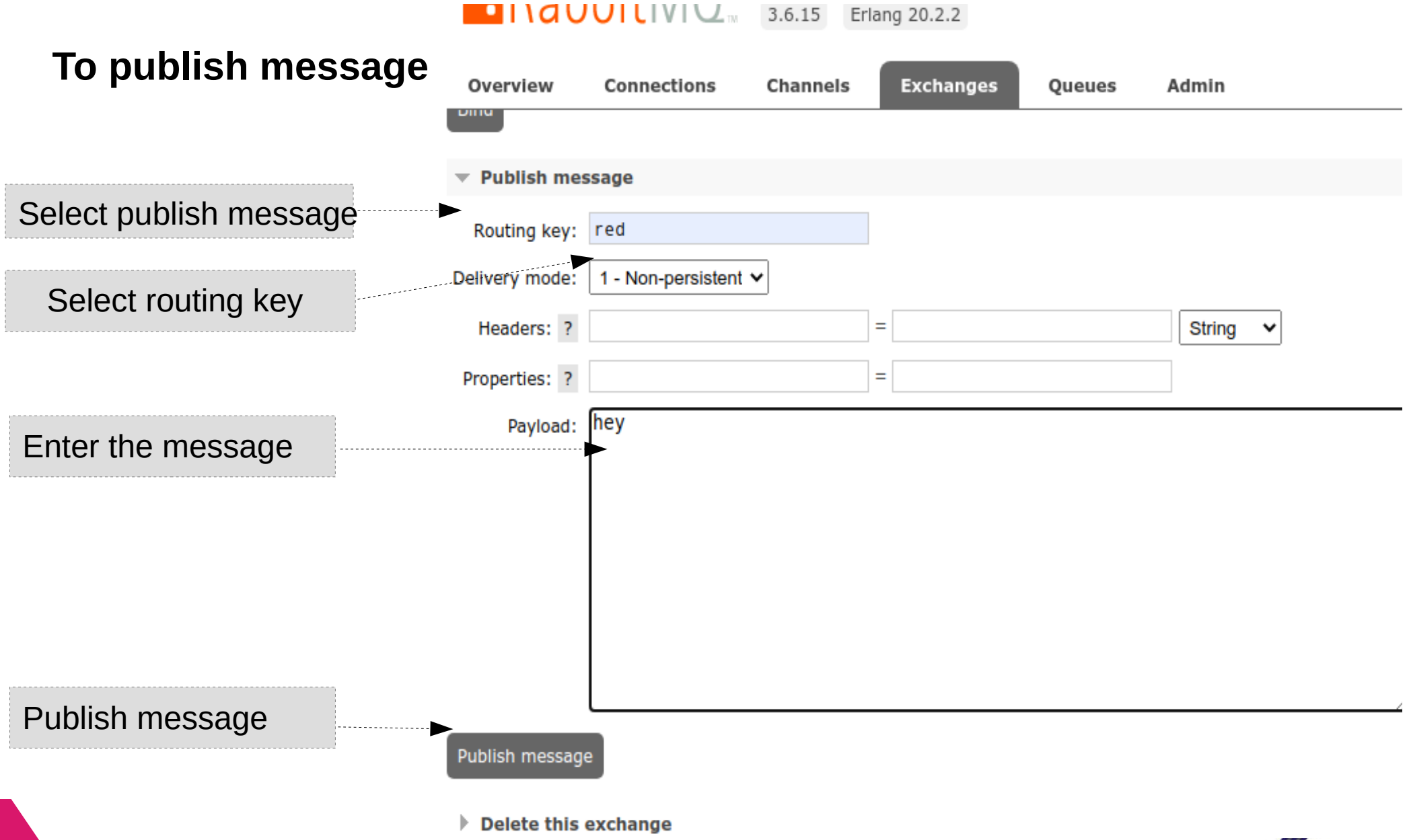
Add queue name

Add routing key

bind exchange



To publish message



Select publish message

Select routing key

Enter the message

Publish message

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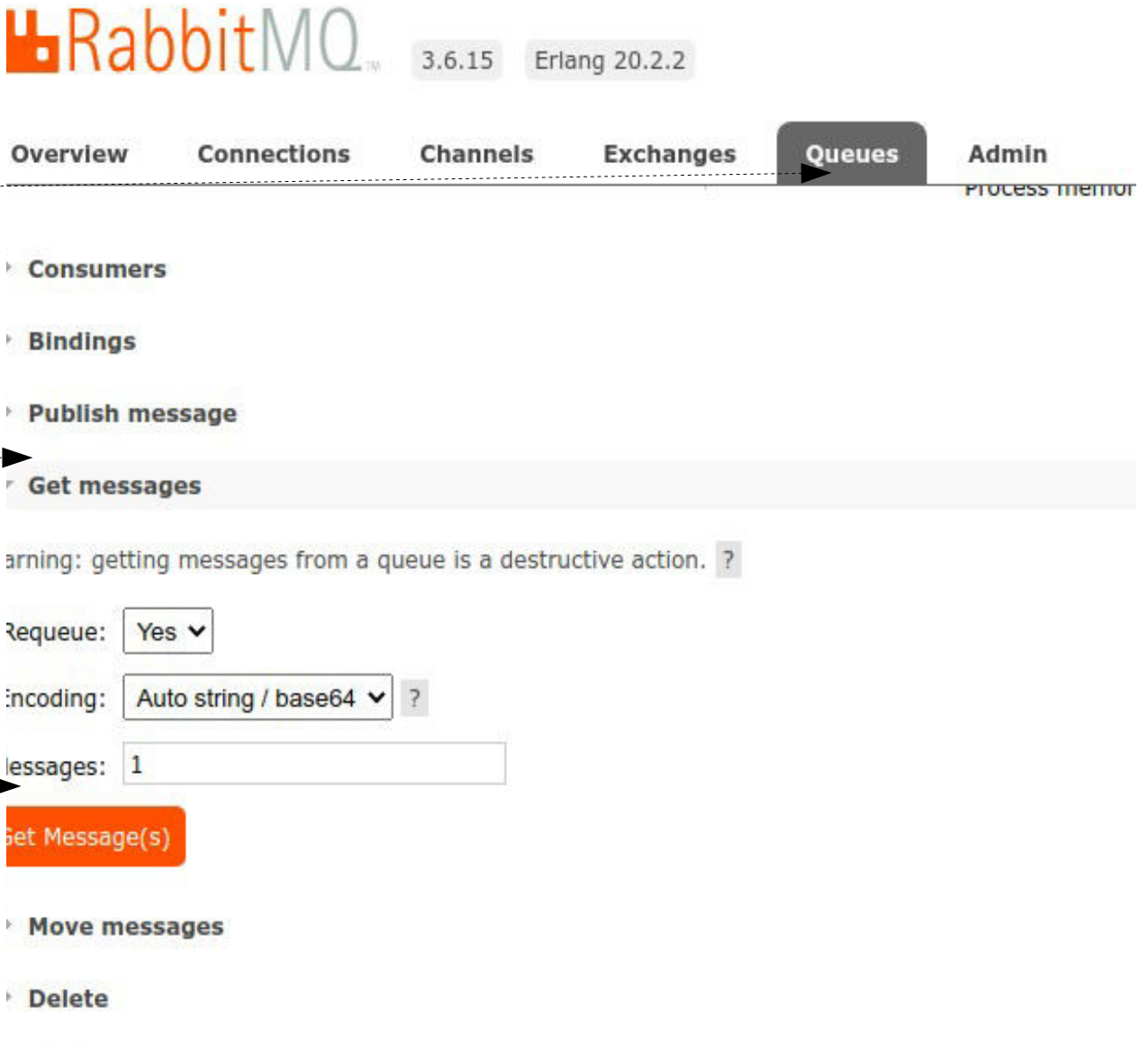
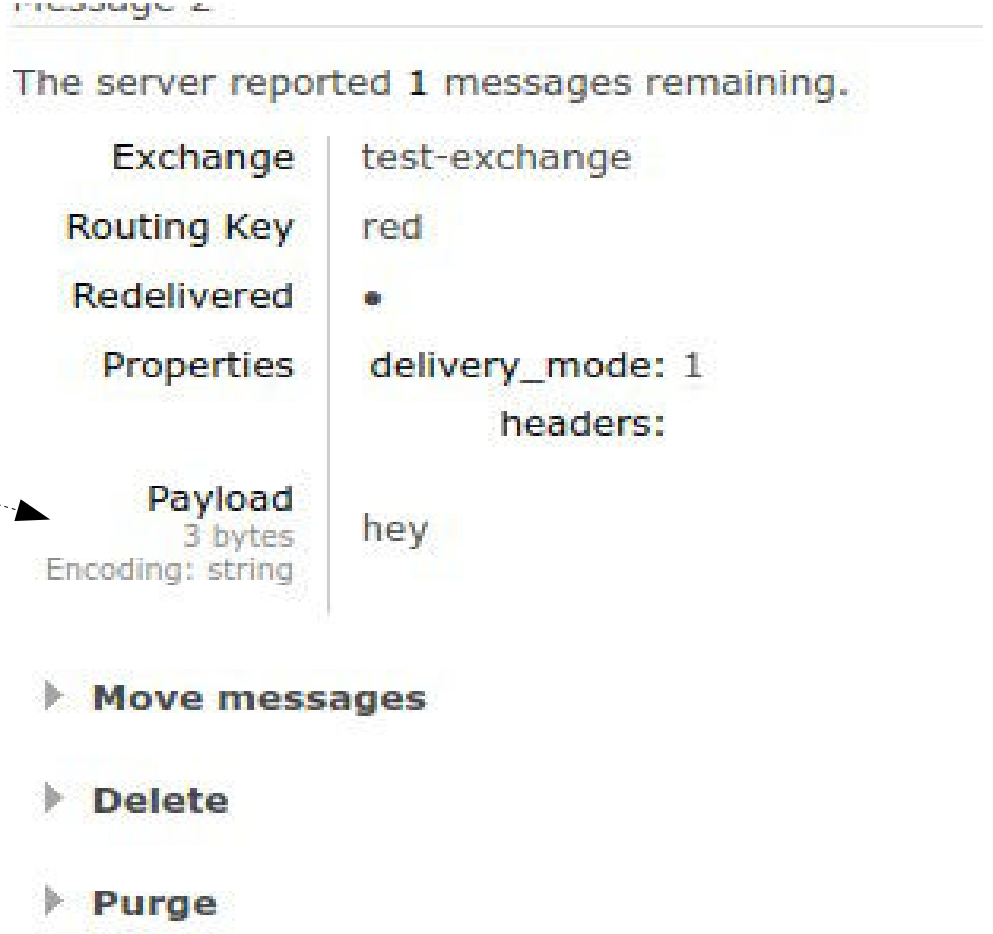
To get message

Select Queue

Select get message

Get message



To get message

Recived message in queue