**Setup & Users**

### This adds a new user and password

sudo rabbitmqctl add\_user username password

### This makes the user a administrator

sudo rabbitmqctl set\_user\_tags username administrator

### This sets permissions for the user

sudo rabbitmqctl set\_permissions -p / username ".\*" ".\*" ".\*"

<https://computingforgeeks.com/how-to-install-latest-rabbitmq-server-on-ubuntu-linux/>

npm install amqplib

**Send-message-helloworld.js**

*#!/usr/bin/env node*

*var amqp = require('amqplib/callback\_api');*

*amqp.connect('amqp://localhost', function(error0, connection) {*

*if (error0) {*

*throw error0;*

*}*

*connection.createChannel(function(error1, channel) {*

*if (error1) {*

*throw error1;*

*}*

*var queue = 'demo-project';*

*var msg = 'Hello world';*

*channel.assertQueue(queue, {*

*durable: false*

*});*

*channel.sendToQueue(queue, Buffer.from(msg));*

*console.log(" [x] Sent %s", msg);*

*});*

*});*

*setTimeout(function() {*

*connection.close();*

*process.exit(0)*

*}, 500);*

**Recieve-message-helloworld.js**

*var amqp = require('amqplib/callback\_api');*

*amqp.connect('amqp://localhost', function(error0, connection) {*

*if (error0) {*

*throw error0;*

*}*

*connection.createChannel(function(error1, channel) {*

*if (error1) {*

*throw error1;*

*}*

*var queue = 'demo-project';*

*channel.assertQueue(queue, {*

*durable: false*

*});*

*console.log(" [\*] Waiting for messages in %s. To exit press CTRL+C", queue);*

*channel.consume(queue, function(msg) {*

*console.log(" [x] Received %s", msg.content.toString());*

*}, {*

*noAck: true*

*});*

*});*

*});*

**Remote URL for RabitMQ**

amqp://admin:admin@52.201.234.164:5673/vhost

BROKER\_URL: "amqp://user:password@remote.server.com:port/vhost"

You can create new user for accessing your RabbitMQ broker. Normally port used is 5672 but you can change it in your configuration file.

So suppose your IP is 1.1.1.1 and you created user test with password test and you want to access vhost "dev" (without quotes) then it will look something like this:

amqp://test:test@1.1.1.1:5672/dev