

注意: 本次安装以 CentOS-7为例

1. 上传软件

erlang-18.3-1.el7.centos.x86_64.rpm

socat-1.7.3.2-5.el7.linux.x86_64.rpm

rabbitmq-server-3.6.5-1.noarch.rpm

2. 安装Erlang

rpm -ivh erlang-18.3-1.el7.centos.x86_64.rpm

3. 安装RabbitMQ

安装

rpm -ivh socat-1.7.3.2-1.1.el7.x86_64.rpm

安装

rpm -ivh rabbitmq-server-3.6.5-1.noarch.rpm

4. 开启管理界面及配置

开启管理界面

rabbitmq-plugins enable rabbitmq_management

修改默认配置信息

vim /usr/lib/rabbitmq/lib/rabbitmq_server-3.6.5/ebin/rabbit.app

比如修改密码、配置等等，例如：loopback_users 中的 <<"guest">>,只保留 guest

5. 启动

service rabbitmq-server start # 启动服务

service rabbitmq-server stop # 停止服务

service rabbitmq-server restart # 重启服务

- 设置配置文件

```
cd /usr/share/doc/rabbitmq-server-3.6.5/
```

```
cp rabbitmq.config.example /etc/rabbitmq/rabbitmq.config
```

如果web控制台无法正常访问考虑安装是否成功以及是防火墙的原因

关闭防火墙

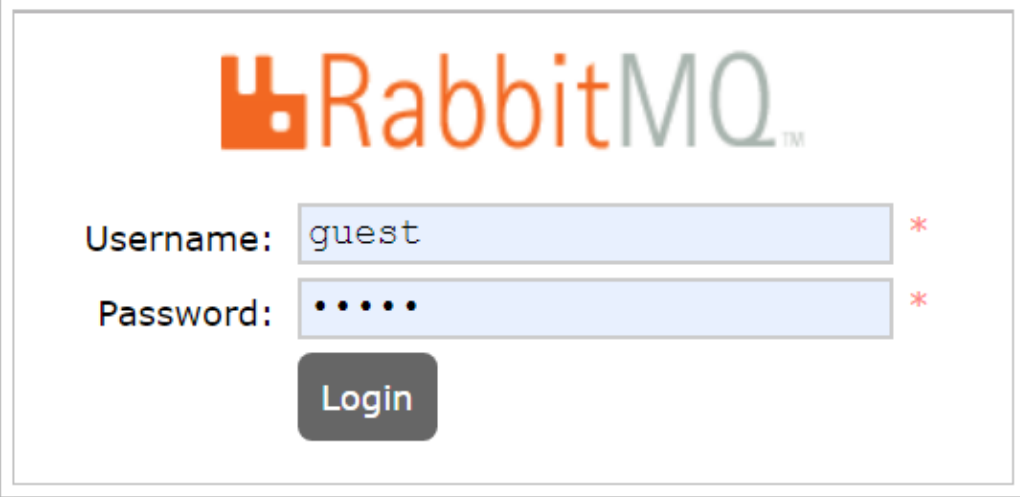
```
systemctl stop firewalld
```

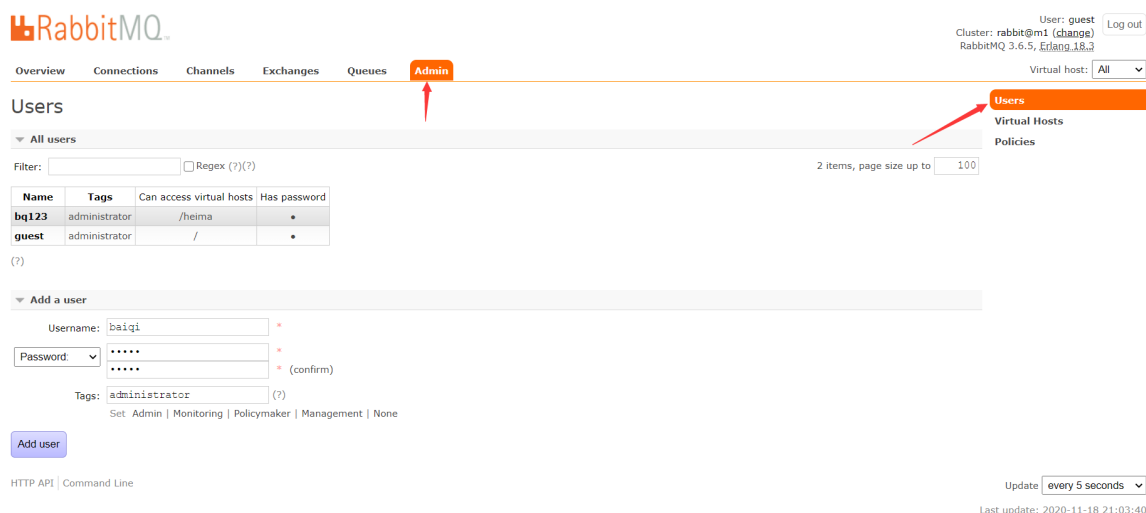
使用腾讯云 阿里云记得开放 15672端口

6. 配置虚拟主机及用户

6.1. 用户角色

RabbitMQ在安装好后，可以访问<http://ip地址:15672>；其自带了guest/guest的用户名和密码；如果需要创建自定义用户；那么也可以登录管理界面后，如下操作：

The image shows the RabbitMQ web management interface login page. At the top is the RabbitMQ logo, which consists of an orange square icon with a white 'R' and the text 'RabbitMQ' in orange and 'TM' in grey. Below the logo are two input fields. The first is labeled 'Username:' and contains the text 'guest'. To its right is a red asterisk '*'. The second is labeled 'Password:' and contains five dots. To its right is also a red asterisk '*'. Below these fields is a dark grey button with the word 'Login' in white text.



角色说明：

1、超级管理员(administrator)

可登陆管理控制台，可查看所有的信息，并且可以对用户，策略(policy)进行操作。

2、监控者(monitoring)

可登陆管理控制台，同时可以查看rabbitmq节点的相关信息(进程数，内存使用情况，磁盘使用情况等)

3、策略制定者(policymaker)

可登陆管理控制台, 同时可以对policy进行管理。但无法查看节点的相关信息(上图红框标识的部分)。

4、普通管理者(management)

仅可登陆管理控制台，无法看到节点信息，也无法对策略进行管理。

5、其他

无法登陆管理控制台，通常就是普通的生产者和消费者。

6.2. Virtual Hosts配置

像mysql拥有数据库的概念并且可以指定用户对库和表等操作的权限。RabbitMQ也有类似的权限管理；在RabbitMQ中可以虚拟消息服务器Virtual Host，每个Virtual Hosts相当于一个相对独立的RabbitMQ服务器，每个VirtualHost之间是相互隔离的。exchange、queue、message不能互通。相当于mysql的db。Virtual Name一般以/开头。

6.2.1. 创建Virtual Hosts

Virtual Hosts

All virtual hosts

Filter: ☐ Regexp (?)

2 items, page size up to 100

Overview		Messages			Network		Message rates		+/-
Name	Users (?)	Ready	Unacked	Total	From client	To client	publish	deliver / get	
/	guest	NaN	NaN	NaN					
/heima	bq123	4	0	4	0B/s	0B/s	0.00/s	0.00/s	

Add a new virtual host

Name:

Add virtual host

HTTP API | Command Line

Update: every 5 seconds

Last update: 2020-11-18 21:04:39

6.2.2. 设置Virtual Hosts权限

Virtual Hosts

All virtual hosts

Filter: ☐ Regexp (?)

2 items, page size up to 100

Overview		Messages			Network		Message rates		+/-
Name	Users (?)	Ready	Unacked	Total	From client	To client	publish	deliver / get	
/	guest	NaN	NaN	NaN					
baiqi_vm	No users	NaN	NaN	NaN					

Add a new virtual host

Name:

Add virtual host

HTTP API | Command Line

Update: every 5 seconds

Last update: 2020-11-18 21:05:58

Virtual Host: baiqi_vm

Users

Virtual Hosts

Policies

No users have permission to access this virtual host.
Use "Set Permission" below to grant users permission to access this virtual host.

Overview

Queued messages (chart: last minute) (?)

Waiting for data...

Message rates (chart: last minute) (?)

Currently idle

Data rates (chart: last minute)

Waiting for data...

Details

Tracing enabled: ☐

Permissions

Current permissions

... no permissions ...

Set permission

User:

选择指定的用户管理该虚拟机

Configure regexp: Write regexp: Read regexp:

Set permission

文档: RabbitMQ安装说明.note

链接: [http://note.youdao.com/noteshare?](http://note.youdao.com/noteshare?id=c615dab201d1269fa474984db6634819&sub=09F344F1C14F4BEE800ED57041C46058)[id=c615dab201d1269fa474984db6634819&sub=09F344F1C14F4BEE800ED57041C46058](http://note.youdao.com/noteshare?id=c615dab201d1269fa474984db6634819&sub=09F344F1C14F4BEE800ED57041C46058)