



链滴

CentOS 7 安装 RabbitMQ 环境

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原文链接: <https://ld246.com/article/1591950291832>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



1 Erlang安装 (22.3.4.1版本)

1.1 在线安装

这里选用的Erlang是rabbitMQ官方提供的精简包，只有rabbitMQ运行所必须的环境

1.1.1 配置软件仓库和签名密钥

```
vi /etc/yum.repos.d/rabbitmq-erlang.repo
```

To use Erlang 22.x on CentOS 7:

```
[rabbitmq-erlang]
name=rabbitmq-erlang
baseurl=https://dl.bintray.com/rabbitmq-erlang/rpm/erlang/22/el/7
gpgcheck=1
gpgkey=https://dl.bintray.com/rabbitmq/Keys/rabbitmq-release-signing-key.asc
repo_gpgcheck=0
enabled=1
```

To use Erlang 22.x on CentOS 8:

```
[rabbitmq-erlang]
name=rabbitmq-erlang
baseurl=https://dl.bintray.com/rabbitmq-erlang/rpm/erlang/22/el/8
gpgcheck=1
gpgkey=https://dl.bintray.com/rabbitmq/Keys/rabbitmq-release-signing-key.asc
repo_gpgcheck=0
enabled=1
```

1.1.2 安装

```
yum install erlang
```

来自: <https://github.com/rabbitmq/erlang-rpm>的readme.md

1.2 离线安装

1.2.1 准备

下载需要的密钥和对应的安装包

密钥下载地址: <https://dl.bintray.com/rabbitmq/Keys/rabbitmq-release-signing-key.asc>

安装包下载地址: https://github.com/rabbitmq/erlang-rpm/releases/download/v22.3.4.1/erlang-22.3.4.1-1.el7.x86_64.rpm

上传到服务器, 进入到目录, 这里上传到 `/usr` 目录

```
cd /usr
```

1.2.2 配置密钥

```
sudo rpm --import rabbitmq-release-signing-key.asc
```

1.2.3 安装

```
rpm -ivh erlang-22.3.4.1-1.el7.x86_64.rpm
```

1.3 验证

显示版本号, 并进入控制台, 即成功。

```
erl
```

退出, “.” 不能忘记

```
halt().
```

2 安装RabbitMQ (3.8.4 版本)

2.1 在线安装

2.1.1 导入签名密钥

```
sudo rpm --import https://github.com/rabbitmq/signing-keys/releases/download/2.0/rabbitmq-release-signing-key.asc
```

2.1.2 配置软件仓库

在 `/etc/yum.repos` 目录下添加 `.repo` 文件（例如 `rabbitmq.repo`），在文件中添加以下内容，并保存

```
vi /etc/yum.repos.d/rabbitmq.repo
```

The following example sets up a repository that will install RabbitMQ 3.8 and targets CentOS :

```
[bintray-rabbitmq-server]
name=bintray-rabbitmq-rpm
baseurl=https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server/v3.8.x/el/8/
gpgcheck=0
repo_gpgcheck=0
enabled=1
```

On CentOS 7 the `baseurl` line would be slightly different:

```
[bintray-rabbitmq-server]
name=bintray-rabbitmq-rpm
baseurl=https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server/v3.8.x/el/7/
gpgcheck=0
repo_gpgcheck=0
enabled=1
```

2.1.3 安装

<https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server> 中查找对应的版本，这里使用的是 CentOS ，所以安装地址是：

<https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server/v3.8.x/el/7/noarch/rabbitmq-server-3.8.4-1.el7.noarch.rpm>

```
yum install https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server/v3.8.x/el/7/noarch/rabbitmq-server-3.8.4-1.el7.noarch.rpm
```

2.2 离线安装

2.2.1 准备

下载对应的安装包（若选用离线，密钥在安装 `erlang` 的时候已经配置过，故这里可不再次配置）

`rabbitmq` 以及其依赖包

`socat` 下载地址：http://mirror.centos.org/centos/7/os/x86_64/Packages/socat-1.7.3.2-2.el7.x86_64.rpm

`rabbitmq` 下载地址：<https://dl.bintray.com/rabbitmq/rpm/rabbitmq-server/v3.8.x/el/7/noarch/rabbitmq-server-3.8.4-1.el7.noarch.rpm>

2.2.2 安装

将下载的安装包上传服务器，这里上传到 `/usr` 目录

```
cd /usr
```

```
rpm -ivh socat-1.7.3.2-2.el7.x86_64.rpm
```

```
rpm -ivh rabbitmq-server-3.8.4-1.el7.noarch.rpm
```

2.3 安装路径

默认是: `/usr/lib/rabbitmq`

```
whereis rabbitmq
```

2.4 开启守护进程

使用rpm安装，默认是关闭守护进程的，需要开启

```
chkconfig rabbitmq-server on
```

2.5 启动/停止

```
# start it back  
service rabbitmq-server start
```

```
# stop the local node  
service rabbitmq-server stop
```

```
# check on service status as observed by service manager  
service rabbitmq-server status
```

2.6 放行端口

```
systemctl status firewalld
```

```
firewall-cmd --list-ports
```

```
firewall-cmd --zone=public --add-port=5672/tcp --permanent  
firewall-cmd --zone=public --add-port=15672/tcp --permanent  
firewall-cmd --zone=public --add-port=15674-15675/tcp --permanent  
firewall-cmd --zone=public --add-port=1883/tcp --permanent
```

```
firewall-cmd --reload
```

2.7 用户管理

查看所有用户

```
rabbitmqctl list_users
```

添加一个用户

```
rabbitmqctl add_user admin 123456
```

配置权限

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

查看用户权限

```
rabbitmqctl list_user_permissions admin
```

设置tag

```
rabbitmqctl set_user_tags admin administrator
```

删除用户（安全起见，删除默认用户）

```
rabbitmqctl delete_user guest
```

重启即可用新账号登录

2.8 启用插件

2.8.1 Web管理

```
rabbitmq-plugins enable rabbitmq_management
```

访问：<http://{ip}:15672/>

默认账号密码：guest guest（这个账号只允许本机访问）

2.8.2 MQTT

启动MQTT插件

```
rabbitmq-plugins enable rabbitmq_mqtt
```

创建账号

```
rabbitmqctl add_user mqtt-user mqtt-password  
rabbitmqctl set_permissions -p / mqtt-user ".*" ".*" ".*"  
rabbitmqctl set_user_tags mqtt-user management
```

具体可查看：<https://www.rabbitmq.com/mqtt.html>

2.8.3 Web STOMP

```
rabbitmq-plugins enable rabbitmq_web_stomp
```

具体可查看：<https://www.rabbitmq.com/web-stomp.html>

2.8.4 Web MQTT

```
rabbitmq-plugins enable rabbitmq_web_mqtt
```

具体可查看: <https://www.rabbitmq.com/web-mqtt.html>

2.8.5 TRACING

`rabbitmq-plugins enable rabbitmq_tracing`

消息记录追踪插件