

Docker安装RabbitMQ

以启动一个rabbitmq节点为例：

```
1 | mkdir -p /docker/rabbitmq
2 | # 15672端口可以访问web管理界面
3 | docker run -d --hostname rabbit-node1 --name rabbit-node1 -p 5672:5672 -p 15672:15672 -v /docker/rabbitmq:/var/lib/rabbitmq rabbitmq:management
```

查看容器状态

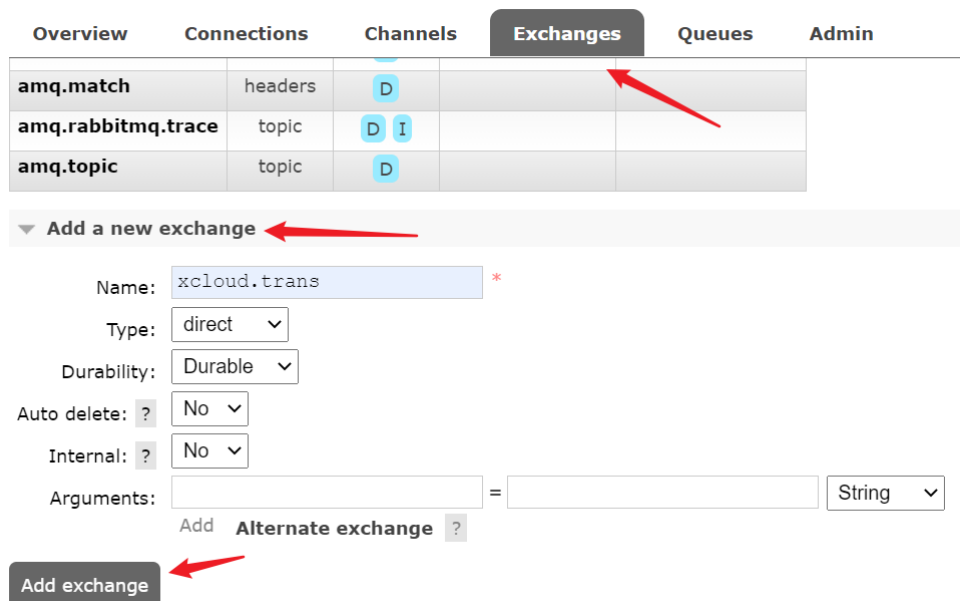
```
1 | docker ps | grep rabbit
```

RabbitMQ WEB UI 页面

浏览器打开登陆rabbitmq入口：http://:15672

默认用户名：guest 密码：guest

1.创建交换机



The screenshot shows the RabbitMQ Web UI interface with the 'Exchanges' tab selected. A table lists existing exchanges: 'amq.match' (headers), 'amq.rabbitmq.trace' (topic), and 'amq.topic' (topic). Below the table is a section titled 'Add a new exchange' with a form to create a new one. The form fields are: Name (xcloud.trans), Type (direct), Durability (Durable), Auto delete (No), Internal (No), and Arguments (empty). A red arrow points to the 'Add exchange' button at the bottom of the form.

Overview	Connections	Channels	Exchanges	Queues	Admin
amq.match	headers	D			
amq.rabbitmq.trace	topic	D I			
amq.topic	topic	D			

▼ Add a new exchange

Name: *

Type: ▼

Durability: ▼

Auto delete: ? ▼

Internal: ? ▼

Arguments: = ▼

Add ?

2.创建队列

OverviewConnectionsChannelsExchangesQueuesAdmin

Queues

All queues (0)

... no queues ...

Add a new queue

Type: Classic

Name: xcloud.trans.oss

Durability: Durable

Auto delete: No

Arguments: = String

Add Message TTL | Auto expire | Max length | Max length bytes | Dead letter exchange | Dead letter routing key | Single active consumer | Lazy mode | Master locator

Add queue

3.将队列绑定到交换机

OverviewConnectionsChannelsExchangesQueuesAdmin

Queue xcloud.trans.oss

Overview

Consumers

Bindings

From	Routing key	Arguments
(Default exchange binding)		

This queue

Add binding to this queue

From exchange: xcloud.trans

Routing key: oss

Arguments: = String

Bind

测试

1.进入创建好的交换机，发布信息

OverviewConnectionsChannelsExchangesQueuesAdmin

Policy

► Bindings

▼ Publish message

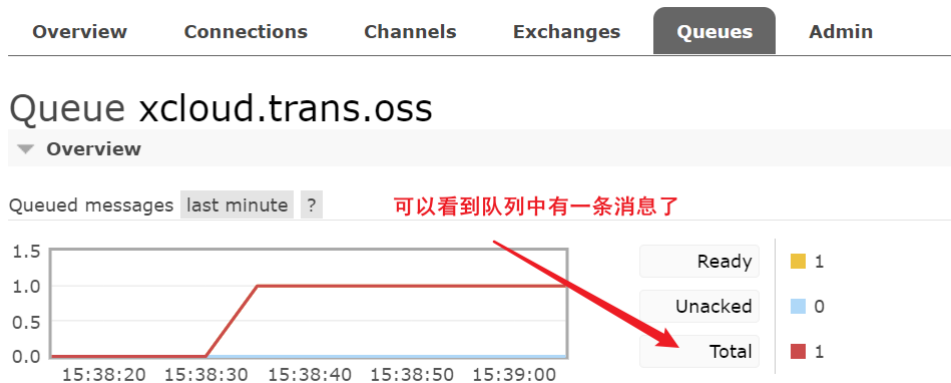
Routing key: oss

Headers: ? = String ▼

Properties: ? =

Payload: testing

Publish message



2.消费消息

OverviewConnectionsChannelsExchangesQueuesAdmin

▼ Get messages

Warning: getting messages from a queue is a destructive action. ?

Ack Mode: Nack message requeue true ▼

Encoding: Auto string / base64 ▼ ?

Messages: 1

Get Message(s)

Message 1

The server reported 0 messages remaining.

Exchange	xcloud.trans
Routing Key	oss
Redelivered	0
Properties	delivery_mode: 2 headers:
Payload	testing
7 bytes	
Encoding: string	

