Unable to Open RabbitMQ User Interface

Contents

Introduction

This document describes how to resolve issues when you connect to the RabbitMQ User Interface (UI).

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on 4.7.X and 4.8.X.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Problem

When you try to connect to http://IP_address_of_AMQP:15672 via your browser, you receive a "refused to connect" error.

Also on RabbitMQ console, this is what you see:

```
[root@amqp ~]# rabbitmqctl status
Status of node rabbit@amqp ...
Error: unable to connect to node rabbit@amqp: nodedown

DIAGNOSTICS
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attempted to contact: [rabbit@amqp]

rabbit@amqp:
```

```
  * connected to epmd (port 4369) on amqp
  * epmd reports: node 'rabbit' not running at all
                  no other nodes on amqp
  * suggestion: start the node

current node details:
- node name: 'rabbitmq-cli-3496@amqp'
- home dir: /var/lib/rabbitmq
- cookie hash: gsXBP8HgENjwAKcRmvMU6A==
```

Solution

1. Reconfigure the Virtual Machine's (VM's) hostname.

   - Update **/etc/hosts** and **/etc/hostname** with the new hostname. Do not make use of dashes in the new hostname.

2. Reinstall Rabbit:

```
rm /etc/cliqr_modules.conf
yum remove -y wxGTK-g1-2.8.12-20.e17.x86_64
```

   - Download core_installer.bin:

```
chmod +x core+installer.bin
./core_installer.bin <os> <platform> rabbit
java -jar cco-installer.jar conn_broker-response.xml
```

   - Reboot the VM.

3. Open port 15672 on firewall:

```
iptables -I INPUT 1 -p tcp --dport 15672 -j ACCEPT
service iptables save
service iptables restart
```

Verify

Expected output would be:

```
# netstat -atun | grep 15672
tcp        0      0 0.0.0.0:15672           0.0.0.0:*               LISTEN
```

From another VM, make use of this command to confirm connectivity:

```
telent IP_address_of_AMQP 15672# rabbitmqctl status
]Status of node rabbit@haamqp2 ...
[{pid,1759},
{running_applications,
    [{rabbitmq_management,"RabbitMQ Management Console","3.5.1"},
     {rabbitmq_web_dispatch,"RabbitMQ Web Dispatcher","3.5.1"},
     {webmachine,"webmachine","1.10.3-rmq3.5.1-gite9359c7"},
     {mochiweb,"MochiMedia Web Server","2.7.0-rmq3.5.1-git680dba8"},
     {rabbitmq_management_agent,"RabbitMQ Management Agent","3.5.1"},
     {rabbit,"RabbitMQ","3.5.1"},
     {ssl,"Erlang/OTP SSL application","6.0"},
     {public_key,"Public key infrastructure","0.23"},
     {crypto,"CRYPTO","3.5"},
     {asn1,"The Erlang ASN1 compiler version 3.0.4","3.0.4"},
     {os_mon,"CPO  CXC 138 46","2.3.1"},
     {inets,"INETS  CXC 138 49","5.10.6"},
     {amqp_client,"RabbitMQ AMQP Client","3.5.1"},
     {xmerl,"XML parser","1.3.7"},
```

```
      {mnesia,"MNESIA  CXC 138 12","4.12.5"},
      {sasl,"SASL  CXC 138 11","2.4.1"},
      {stdlib,"ERTS  CXC 138 10","2.4"},
      {kernel,"ERTS  CXC 138 10","3.2"}]]},
{os,{unix,linux}},
{erlang_version,
     "Erlang/OTP 17 [erts-6.4] [source-2e19e2f] [64-bit] [async-threads:30] [hipe] [kernel-
poll:true]\n"},
{memory,
     [{total,46019504},
      {connection_readers,97704},
      {connection_writers,19384},
      {connection_channels,67928},
      {connection_other,173656},
      {queue_procs,165136},
      {queue_slave_procs,0},
      {plugins,501128},
      {other_proc,13684160},
      {mnesia,87752},
      {mgmt_db,829016},
      {msg_index,55056},
      {other_ets,1144976},
      {binary,1948544},
      {code,22194354},
      {atom,801697},
      {other_system,4249013}]},
{alarms,[]},
{listeners,[{clustering,25672,"::"},{amqp,5672,"::"},{'amqp/ssl',5671,"::"}]},
{vm_memory_high_watermark,0.4},
{vm_memory_limit,771738828},
{disk_free_limit,50000000},
{disk_free,6418993152},
{file_descriptors,
     [{total_limit,3996},
      {total_used,10},
      {sockets_limit,3594},
      {sockets_used,6}]},
{processes,[{limit,1048576},{used,267}]},
{run_queue,0},
{uptime,1622687}]
```

Now you should be able to open a web browser to http://IP_address_of_AMQP:15672 and launch the RabbitMQ GUI. The default login is **cliqr/cliqr**.