

CCO在osmosix.log檔案中收到「連線被拒絕」錯誤

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簡介

本檔案介紹從Advanced Message Queuing Protocol(AMQP)伺服器發出「Connection reflected」錯誤的特定問題，可在Cisco Connection Online(CCO)osmosix.log檔案中看到此錯誤。

必要條件

需求

思科建議您瞭解以下主題：

- Linux虛擬機器(VM)
- CloudCenter

採用元件

本文件所述內容不限於特定軟體和硬體版本。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

問題

當VM部署、終止或掛起時，進程將永遠停滯在終止或掛起狀態。在CCO的osmosix.log檔案中可以找到異常，如下圖所示。

```
at org.springframework.web.client.AbstractClientHttpRequest.execute(AbstractClientHttpRequest.java:39) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
at org.springframework.web.client.RestTemplate.doExecute(RestTemplate.java:652) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
... 16 more
Caused by: java.net.ConnectException: Connection refused (Connection refused)
at java.net.PlainSocketImpl.socketConnect(Native Method) ~[?1.8.0_152]
at java.net.AbstractPlainSocketImpl.doConnect(AbstractPlainSocketImpl.java:350) ~[?1.8.0_152]
at java.net.AbstractPlainSocketImpl.connectToAddress(AbstractPlainSocketImpl.java:206) ~[?1.8.0_152]
at java.net.AbstractPlainSocketImpl.connect(AbstractPlainSocketImpl.java:188) ~[?1.8.0_152]
at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:392) ~[?1.8.0_152]
at java.net.Socket.connect(Socket.java:589) ~[?1.8.0_152]
at org.apache.http.conn.ssl.SSLConnectionSocketFactory.connectSocket(SSLConnectionSocketFactory.java:339) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.conn.DefaultHttpClientConnectionOperator.connect(DefaultHttpClientConnectionOperator.java:142) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.conn.PoolingHttpClientConnectionManager.connect(PoolingHttpClientConnectionManager.java:359) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.execchain.MainClientExec.establishRoute(MainClientExec.java:381) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.execchain.MainClientExec.execute(MainClientExec.java:237) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.execchain.ProtocolExec.execute(ProtocolExec.java:185) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.execchain.RetryExec.execute(RetryExec.java:89) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.execchain.RedirectExec.execute(RedirectExec.java:111) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.client.InternalHttpClient.doExecute(InternalHttpClient.java:105) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:83) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:56) ~[httpclient-4.5.3.jar!/:4.5.3]
at org.springframework.http.client.HttpComponentsClientHttpRequest.executeInternal(HttpComponentsClientHttpRequest.java:89) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
at org.springframework.http.client.AbstractBufferingClientHttpRequest.executeInternal(AbstractBufferingClientHttpRequest.java:48) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
at org.springframework.http.client.AbstractClientHttpRequest.execute(AbstractClientHttpRequest.java:53) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
at org.springframework.web.client.RestTemplate.doExecute(RestTemplate.java:652) ~[spring-web-4.3.11.RELEASE.jar!/:4.3.11.RELEASE]
... 16 more
```

Rabbit Server中的日誌如圖所示。

```
-ERROR REPORT==== 2-Mar-2018::16:16:09 ====
Channel error on connection <0.1168.0> (
5671, vhost: '/cliqr', user: 'cliqr_worker'), channel 1:
operation queue.declare caused a channel exception not_found: no queue 'cliqr.worker.queue.13b43d0b-bc32-458d-8fea-f86476fd25f7' in vhost '/cliqr'

-ERROR REPORT==== 2-Mar-2018::16:19:09 ====
Channel error on connection <0.1168.0> (
5671, vhost: '/cliqr', user: 'cliqr_worker'), channel 1:
operation queue.declare caused a channel exception not_found: no queue 'cliqr.worker.queue.5ebfca2d-bd2b-4ede-b69a-7db200339d34' in vhost '/cliqr'
Created by Paint X
```

解決方案

為了解決此問題，您需要檢查為元件之間的通訊開啟的所有必要埠。

此問題已通過在CCO和Rabbit的主機檔案中新增適當的域名伺服器(DNS)名稱得到解決，因為DNS伺服器無法解析提供給Rabbit伺服器的自定義DNS名稱。