

排除故障关于怎样清洗AMQP心跳线队列

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Introduction

本文描述程序排除如何清洗预先的消息队列协议(AMQP)心跳线队列故障

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Prerequisites

Requirements

Cisco 建议您了解以下主题：

- Linux接口
- 虚拟机环境
- 兔子

Components Used

本文档中的信息基于以下软件版本：

- CloudCenter版本4.3.x到4.6.x
- CloudCenter消息巴斯(RabbitMQ_Server)

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.

背景信息

池的活动线程大小是64线程被提交与工作相应是将被拒绝作为代码不能处理的地方因此超过3000超过64线程它每次将等待上一任务被完成和完成另一项任务。

是更加极大的所有任务被执行的threadpool能消耗将被拒绝。

问题

filecliqr-connection.log位于/usr/local/tomcatgua/logs/报告错误：

```
Caused by: org.springframework.core.task.TaskRejectedException: Executor
[java.util.concurrent.ThreadPoolExecutor@6737f4fb[Running, pool size = 64, active threads = 64,
queued tasks = 3000, completed tasks = 413]] did not accept task:
org.springframework.aop.interceptor.AsyncExecutionInterceptor$1@6b0517b3
at
org.springframework.scheduling.concurrent.ThreadPoolTaskExecutor.submit(ThreadPoolTaskExecutor.j
ava:284)
at
org.springframework.aop.interceptor.AsyncExecutionAspectSupport.doSubmit(AsyncExecutionAspectSup
port.java:186)
at
org.springframework.aop.interceptor.AsyncExecutionInterceptor.invoke(AsyncExecutionInterceptor.j
ava:123)
at
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.
java:179)
at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:208)
at com.sun.proxy.$Proxy84.processMessage(Unknown Source)
at
com.osmosix.commons.messaging.listeners.impl.DefaultNodeMessageListener.handleMessage(DefaultNod
eMessageListener.java:35)
at sun.reflect.GeneratedMethodAccessor78.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:497)
at org.springframework.util.MethodInvoker.invoke(MethodInvoker.java:269)
at
org.springframework.amqp.rabbit.listener.adapter.MessageListenerAdapter.invokeListenerMethod(Mes
sageListenerAdapter.java:383)
... 12 more
Caused by: java.util.concurrent.RejectedExecutionException: Task
java.util.concurrent.FutureTask@3911a213 rejected from
java.util.concurrent.ThreadPoolExecutor@6737f4fb[Running, pool size = 64, active threads = 64,
queued tasks = 3000, completed tasks = 413]
at
java.util.concurrent.ThreadPoolExecutor$AbortPolicy.rejectedExecution(ThreadPoolExecutor.java:20
47)
at java.util.concurrent.ThreadPoolExecutor.reject(ThreadPoolExecutor.java:823)
at java.util.concurrent.ThreadPoolExecutor.execute(ThreadPoolExecutor.java:1369)
at java.util.concurrent.AbstractExecutorService.submit(AbstractExecutorService.java:134)
at
org.springframework.scheduling.concurrent.ThreadPoolTaskExecutor.submit(ThreadPoolTaskExecutor.j
ava:281)
... 23 more
2016-10-19 02:32:32,205 INFO annotation.RequestMappingHandlerMapping [localhost-startStop-1] -
Mapped "{[/image/service/dltargetlocal],methods=[POST]}" onto public
java.util.Map<java.lang.String, ?>
com.osmosix.gateway.image.transform.ImageTransformController.downloadToTargetLocal(com.osmosix.c
ommons.image.transform.DownloadImageFileRequest)
2016-10-19 02:32:32,206 WARN listener.ConditionalRejectingErrorHandler [SimpleAsyncTaskExecuter-
1] - Execution of Rabbit message listener failed.
org.springframework.amqp.rabbit.listener.exception.ListenerExecutionFailedException: Listener
method 'handleMessage' threw exception
at
org.springframework.amqp.rabbit.listener.adapter.MessageListenerAdapter.invokeListenerMethod(Mes
sageListenerAdapter.java:391)
at
org.springframework.amqp.rabbit.listener.adapter.MessageListenerAdapter.onMessage(MessageListene
```

```
rAdapter.java:294)
at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.doInvokeListener (AbstractMessageListenerContainer.java:757)
at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.invokeListener (AbstractMessageListenerContainer.java:680)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access$001 (SimpleMessageListenerContainer.java:93)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer$1.invokeListener (SimpleMessageListenerContainer.java:183)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.invokeListener (SimpleMessageListenerContainer.java:1352)
at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.executeListener (AbstractMessageListenerContainer.java:661)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.doReceiveAndExecute (SimpleMessageListenerContainer.java:1096)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.receiveAndExecute (SimpleMessageListenerContainer.java:1080)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access$800 (SimpleMessageListenerContainer.java:93)
at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer$AsyncMessageProcessingConsumer.run (SimpleMessageListenerContainer.java:1197)
at java.lang.Thread.run (Thread.java:745)
```

解决方法

步骤1. RabbitMQ服务器的洛金通过SSH。

步骤2.换成root用户。

```
# sudo -i
```

步骤3. Enable (event)插件的Management。

```
# rabbitmq-plugins enable rabbitmq_management
```

步骤4.对rabbitmqadmin命令的Enable (event)访问。

```
# chmod +x `find /var/lib/rabbitmq/ -name "rabbitmqadmin"`
# ln -s `find /var/lib/rabbitmq/ -name "rabbitmqadmin"` /usr/sbin
```

步骤5. RabbitMQ可以通过GUI被获取。

```
http://<RabbitMQ_Server_IP>:15672 (username=cliqr password=cliqr)
```

Note:用您的RabbitMQ服务器地址替换在配置的RabbitMQ_Server_IP

连接Queues选项发现详细资料

或

CLI :

```
# rabbitmqadmin -V /cliqr -u cliqr -p cliqr list queues
# rabbitmqadmin -V /cliqr -u cliqr -p cliqr list exchanges
# rabbitmqadmin -V /cliqr -u cliqr -p cliqr list channels
```

第6.步。删除网关心跳线队列。

```
#rabbitmqadmin -V /cliqr delete queue name=cliqr.gateway.heartbeat.queue --username=cliqr --
password=cliqr
```

步骤7.重新启动Tomcat服务在RabbitServer。

```
#/etc/init.d/tomcatgua stop
#/etc/init.d/tomcatgua start
```

Note: 如果cliqr.gateway.heartbeat.queue失踪，请通过遵从下面的步骤重新启动CCO Tomcat服务：

步骤8. CCO服务器的洛金通过SSH。

步骤9.换成root用户。

```
# sudo -i
```

步骤10.重新启动Tomcat服务器。

```
#/etc/init.d/tomcat stop
#/etc/init.d/tomcat start
```