

排除故障与CCM版本4.8.0/4.7.x的谷歌Cloud集成

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前言：

本文描述如何排除故障与CloudCenter管理器(CCM)版本4.8.0/4.7.x的谷歌Cloud集成。

先决条件

要求

Cisco 建议您了解以下主题：

- Linux接口
- 虚拟机环境
- 谷歌网云帐户

使用的组件

本文档中的信息基于以下软件版本：

- CloudCenter版本4.6.x到4.8.x

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

背景信息

在您成功地添加GCE管弦乐队(CCO)后到CCM并且设法通过部署包括实例类型和区域的选择的应用程序测试环境，错误消息表示如镜像所显示时，当尝试选择项目：



问题

在CCM osmosix日志，您能找到此错误：

```
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:45,991 INFO impl.CloudPropertiesServiceImpl
[asyncOperationExecutor-6] - cloud property task is invoked
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,006 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-6] - cloud data is not null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,006 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-6] - got the region end point as null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,011 INFO impl.CloudPropertiesServiceImpl
[asyncOperationExecutor-7] - cloud property task is invoked
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,014 INFO impl.CloudPropertiesServiceImpl
[asyncOperationExecutor-8] - cloud property task is invoked
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,024 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-7] - cloud data is not null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,024 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-7] - got the region end point as null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,032 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-8] - cloud data is not null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,032 INFO impl.CloudManagementServiceImpl
[asyncOperationExecutor-8] - got the region end point as null
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,765 ERROR impl.CloudPropertiesServiceImpl
[asyncOperationExecutor-6] - Failed to getCloudPropertiesFromGateway from gateway for
propertyType : Project
VENDOR_ID::1::USER_ID::2::2017-05-29 04:11:46,765 ERROR impl.CloudPropertiesServiceImpl
[asyncOperationExecutor-6] - 500 Internal Server Error
org.springframework.web.client.HttpServerErrorException: 500 Internal Server Error
    at
org.springframework.web.client.DefaultResponseErrorHandler.handleError(DefaultResponseErrorHandl
er.java:94)
    at org.springframework.web.client.RestTemplate.handleResponse(RestTemplate.java:641)
    at org.springframework.web.client.RestTemplate.doExecute(RestTemplate.java:597)
    at org.springframework.web.client.RestTemplate.execute(RestTemplate.java:557)
    at org.springframework.web.client.RestTemplate.postForObject(RestTemplate.java:357)
    at com.osmosix.commons.util.AjaxUtil.postJson(AjaxUtil.java:117)
    at
com.osmosix.mgmt.cloud.impl.CloudPropertiesServiceImpl.getCloudPropertiesFromGateway(CloudProper
```

```
tiesServiceImpl.java:365)
    at
com.osmosix.mgmt.cloud.impl.CloudPropertiesServiceImpl$CloudPropertyTask.run(CloudPropertiesServ
iceImpl.java:461)
    at
com.osmosix.commons.operation.impl.AsyncOperationServiceImpl$2.run(AsyncOperationServiceImpl.jav
a:134)
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
    at java.util.concurrent.FutureTask.run(FutureTask.java:266)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
    at java.lang.Thread.run(Thread.java:748)
```

然而，如果去CCO osmosix日志，您获得一张清楚图片。

```
2017-05-29 04:28:00,425 INFO job.JobServiceController [http-apr-8443-exec-3] - processing
validateCloudAccount request...
2017-05-29 04:28:00,632 ERROR properties.CloudPropertiesController [http-apr-8443-exec-6] -
com.google.api.client.googleapis.json.GoogleJsonResponseException: 403 Forbidden
{
  "code" : 403,
  "errors" : [ {
    "domain" : "global",
    "message" : "Google Cloud Resource Manager API has not been used in project credible-spark-
166514 before or it is disabled. Enable it by visiting
https://console.developers.google.com/apis/api/cloudresourcemanager.googleapis.com/overview?proj
ect=credible-spark-166514 then retry. If you enabled this API recently, wait a few minutes for
the action to propagate to our systems and retry.",
    "reason" : "forbidden"
  } ],
  "message" : "Google Cloud Resource Manager API has not been used in project credible-spark-
166514 before or it is disabled. Enable it by visiting
https://console.developers.google.com/apis/api/cloudresourcemanager.googleapis.com/overview?proj
ect=credible-spark-166514 then retry. If you enabled this API recently, wait a few minutes for
the action to propagate to our systems and retry.",
  "status" : "PERMISSION_DENIED"
```

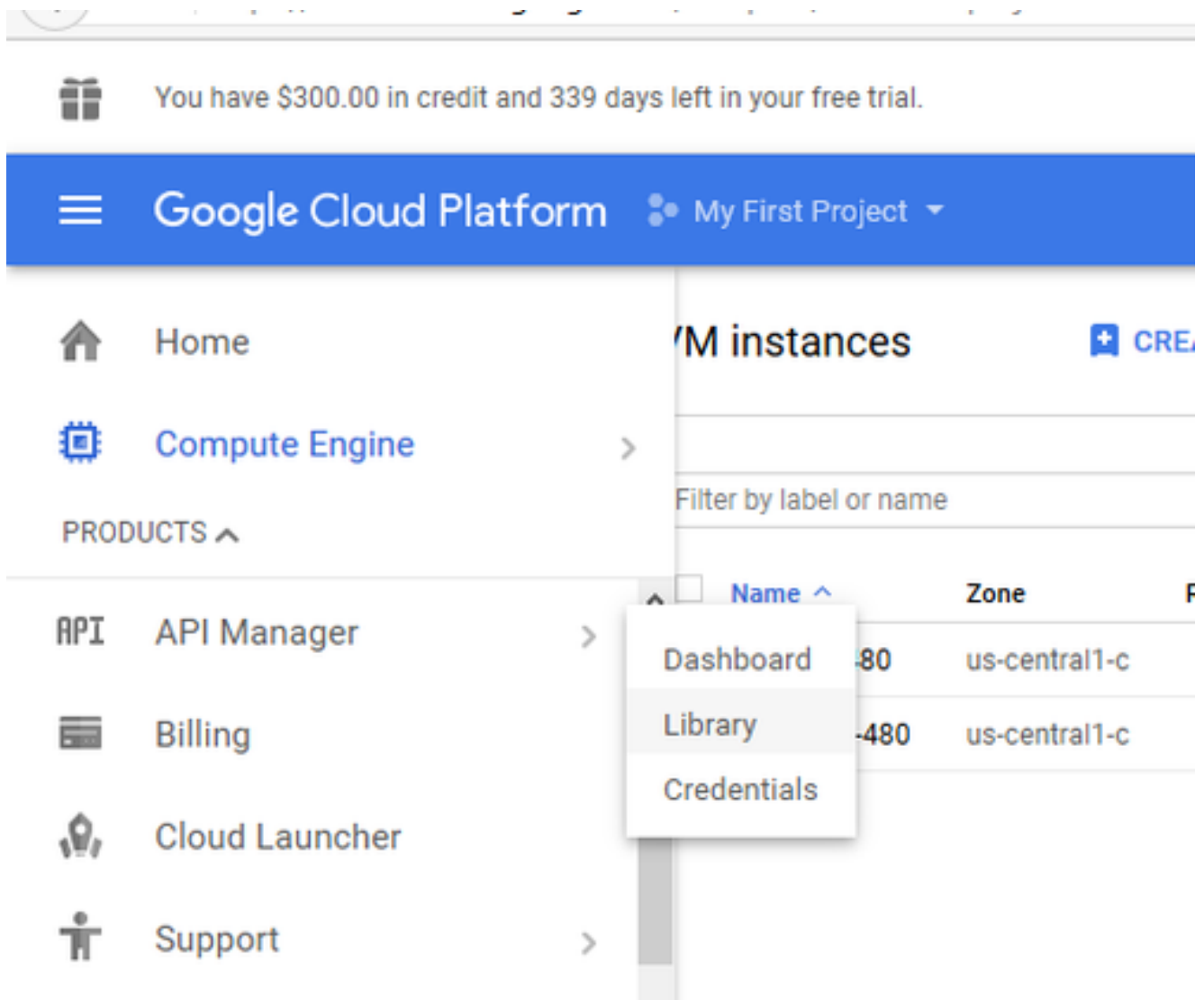
解决方法

应该启用这些API为了Cloud中心能适当地与GCE一起使用：

- 谷歌估计引擎API
- 谷歌Cloud资源管理器API

启用它：

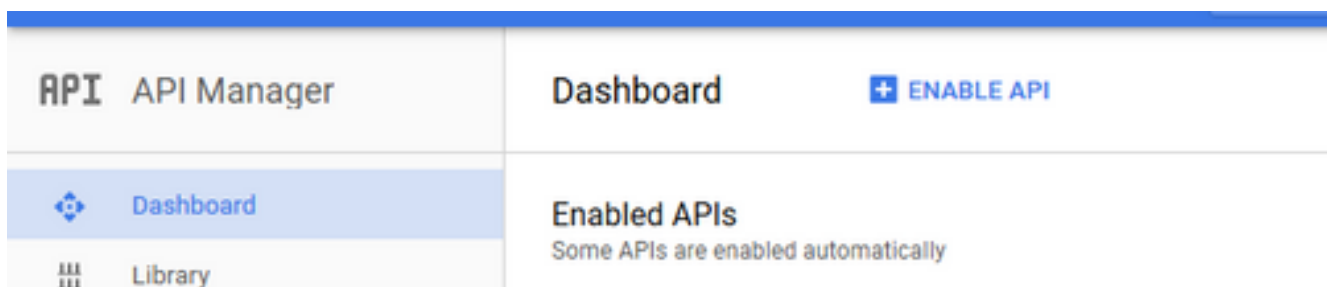
1. 如镜像所显示，在GCE控制台中和请导航对API控制板，：



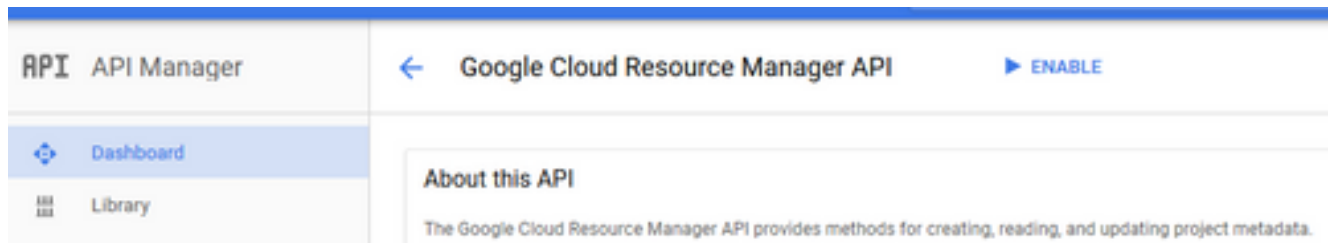
2. 在页结束时，所有已启用API是列出的，并且您很可能发现**谷歌估计引擎API**已经启用，如果不是enable (event)它，如镜像所显示：

API	Requests	Errors	Error ratio	Latency median	Latency 99%	
Google Compute Engine API	152	19	12.5%	--	--	Disable
BigQuery API	--	--	--	--	--	Disable
Google Cloud APIs	--	--	--	--	--	Disable
Google Cloud Datastore API	--	--	--	--	--	Disable
Google Cloud Deployment Manager V2 API	--	--	--	--	--	Disable
Google Cloud Pub/Sub API	--	--	--	--	--	Disable

3. 然而，GCE在页不直接地放置**资源管理器API**，因此您必须搜索它。为此，请从页的顶端选择enable (event) API选项，并且重定向您到API库。



4. 如镜像所显示，请搜索**谷歌Cloud资源管理器API**，选择它并且启用它。



5. 为了反映这些更改，请重新启动CCO计算机然后设法再次部署app。