

排除Google雲與CCM版本4.8.0/4.7.x的整合故障

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簡介:

本文檔介紹如何對Google Cloud與CloudCenter Manager(CCM)版本4.8.0/4.7.x的整合進行故障排除。

必要條件

需求

思科建議您瞭解以下主題：

- Linux介面
- 虛擬機器環境
- Google雲帳戶

採用元件

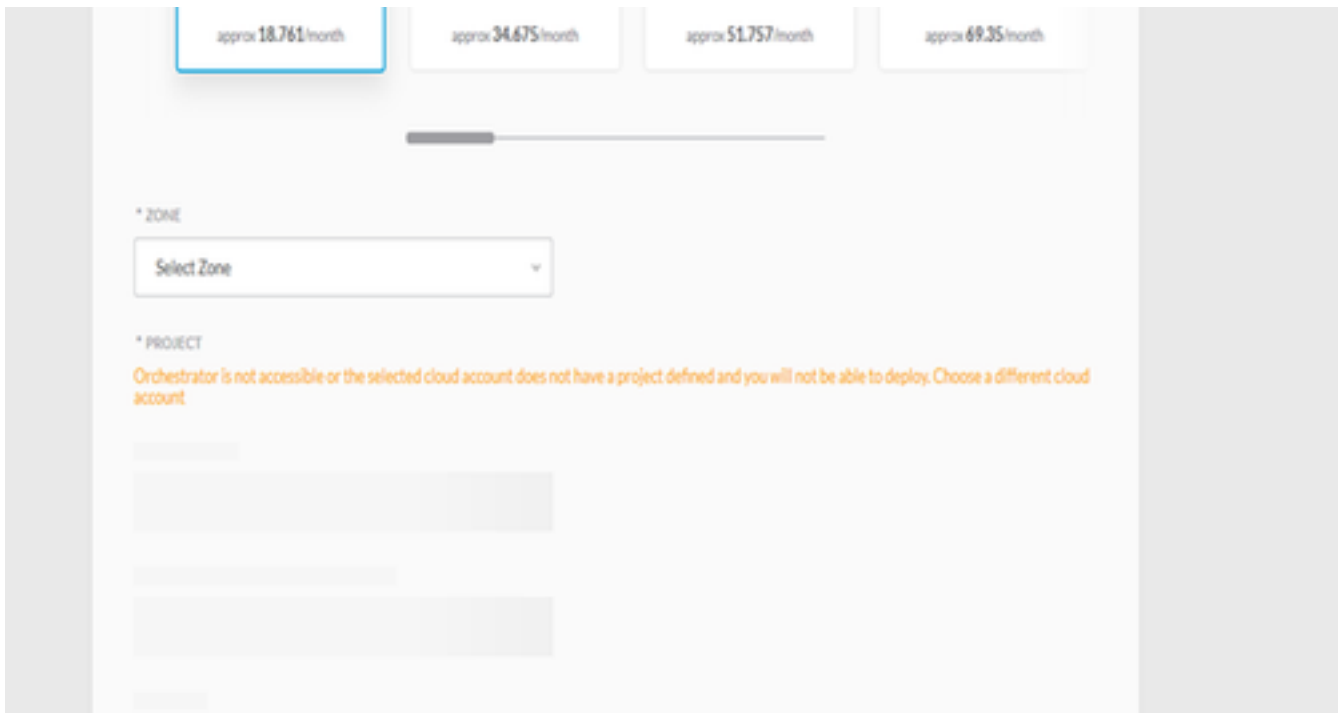
本檔案中的資訊是根據以下軟體版本：

- CloudCenter 4.6.x版到4.8.x版

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。如果您的網路正在作用，請確保您已瞭解任何指令可能造成的影響。

背景資訊

成功將GCE orchestrator(CCO)新增到CCM並嘗試通過部署包含選擇例項型別和區域的應用程式來測試環境後，在嘗試選擇專案時會顯示錯誤消息，如下圖所示：



問題

在CCM osmosix日誌中，您可以找到以下錯誤：

```
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(CloudPropertiesService
Impl.java:365)
    at
com.osmosix.mgmt.cloud.impl.CloudPropertiesServiceImpl$CloudPropertyTask.run(CloudPropertiesService
Impl.java:461)
    at
com.osmosix.commons.operation.impl.AsyncOperationServiceImpl$2.run(AsyncOperationServiceImpl.java:134)
    at java.util.concurrent.Executors$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，如果你去做CCO滲透壓六號木材，你會得到一個清晰的畫面。

```
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"
```

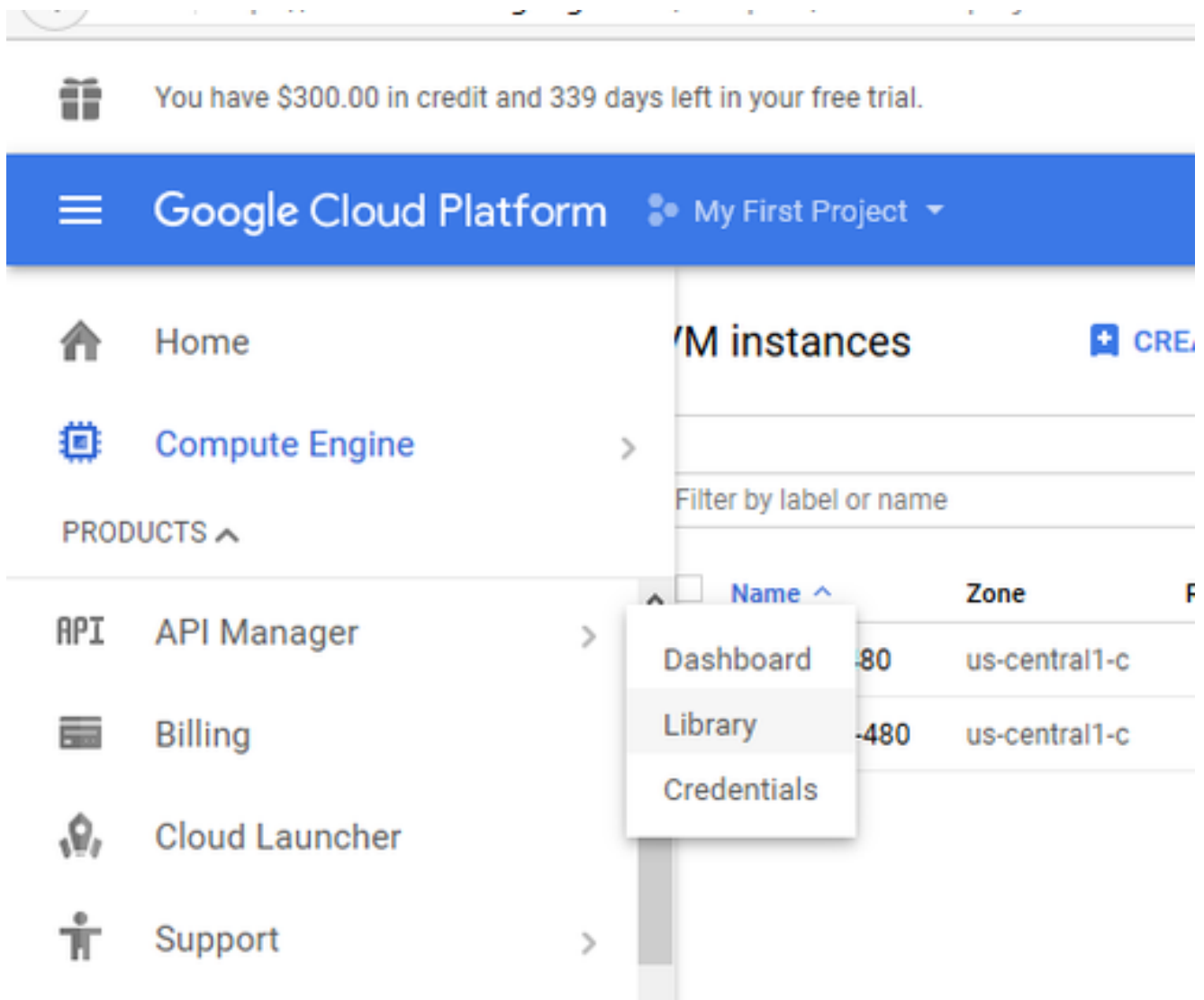
解析

應啟用以下API以使雲中心與GCE正常工作：

- Google運算引擎API
- Google雲端資源管理員API

要啟用它：

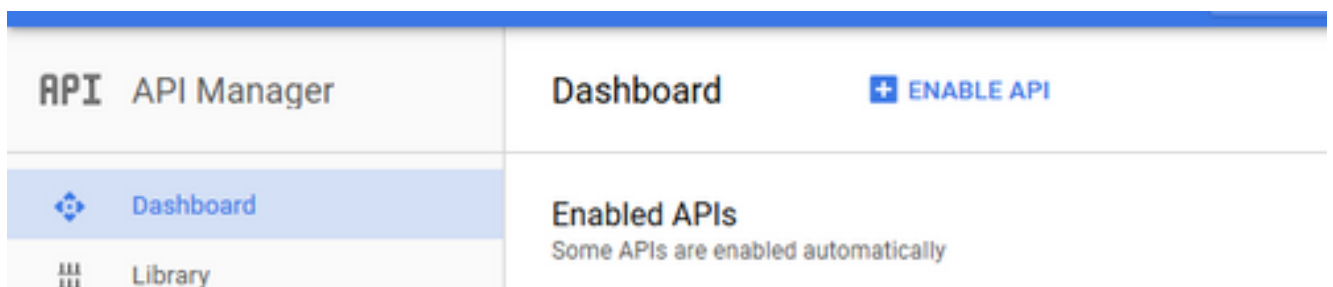
1. 在GCE控制檯中導航到API儀表板，如下圖所示：



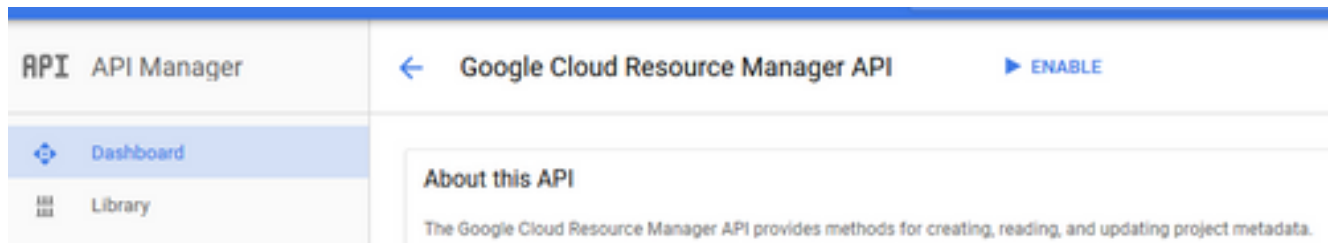
2. 頁面末尾列出所有已啟用的API，如果您未啟用Google Compute Engine API，則很可能您會發現Google Compute Engine API，如下圖所示：

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. 但是，GCE不會直接將資源管理器API放在頁面上，因此您必須對其進行搜尋。為此，從頁面頂部選擇enable API選項，該選項會將您重定向到API庫。



4. 如圖所示，搜尋Google Cloud Resource Manager API，選擇並啟用它。



5. 為了反映這些更改，請重新啟動CCO電腦，然後再次嘗試部署應用。