

新增CCO時無法找到所請求目標的有效證書路徑

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簡介

本文描述在CloudCenter Manager(CCM)上配置自定義證書後，設定新的CloudCenter Orchestrator(CCO)時可能會收到的錯誤。

必要條件

需求

思科建議您瞭解以下主題：

- Linux
- 憑證

採用元件

本檔案中的資訊是根據4.8.0+。

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。

問題

配置Orchestrator時，您將收到錯誤消息「Error while communication with Orchestrator」。如下圖所示。

Configure Orchestrator



Error while communicating with Orchestrator.



Orchestrator IP or DNS *

34.228.91.179

Remote Desktop Gateway DNS or IP

34.200.195.196

This DNS name is used for HTML5 access to VMs

Cloud Account

AWS

Save

Cancel

當您檢視CCM上的滲透日誌時，存在此錯誤。

```
VENDOR_ID::1::USER_ID::2::2017-11-06 15:06:29,103 ERROR impl.GatewayServiceImpl [http-apr-10443-exec-17] - Activate gateway exception message: I/O error on POST request for "https://34.228.91.179:8443/service/v1/gateway/config/activate":sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target; nested exception is javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target org.springframework.web.client.ResourceAccessException: I/O error on POST request for "https://34.228.91.179:8443/service/v1/gateway/config/activate":sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target; nested exception is javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target
```

```
Caused by: javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target
```

解決方案

這是由CCO和CCM之間的證書不匹配引起的。


```
<Connector port="8443" maxHttpHeaderSize="8192"
    maxThreads="100"
    enableLookups="false" disableUploadTimeout="true"
    acceptCount="100" scheme="https" secure="true"
    SSLEnabled="true"
    SSLCertificateFile="${catalina.base}/conf/ssl/gateway.crt"
    SSLCertificateKeyFile="${catalina.base}/conf/ssl/gateway.key"
    SSLCACertificateFile="${catalina.base}/conf/ssl/ca.crt"
    SSLProtocol="TLSv1+TLSv1.1+TLSv1.2"
    SSLCipherSuite="ALL:!aNULL:!EDH:!ADH:!eNULL:!LOW:!EXP:!RC4:+HIGH:+MEDIUM"
    SSLVerifyClient="require" />
```

步驟3.若要重新啟動伺服器，請執行命令**service tomcat stop**，然後執行**service tomcat start**。

CCM和CCO之間的連線現在必須可用。