如何提取捆綁證書並在Expressway伺服器上上傳

目錄

<u>簡介</u> <u>必要條件</u> <u>需求</u> <u>採用元件</u> <u>提取捆綁證書並上傳到Expressway伺服器</u> 在Expressway伺服器上上傳證書

簡介

本檔案介紹擷取套件組合憑證並上傳到Expressway伺服器的程式。

必要條件

需求

思科建議您瞭解以下主題:

- Expressway伺服器
- Windows電腦

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。如果您的網路正在作用,請確保您已瞭解任何指令可能造成的影響。

提取捆綁證書並上傳到Expressway伺服器

步驟1。開啟BASE64,您會看到一個畫面,如下圖所示。開啟位於邏輯儲存區名稱下的資料夾。

🚟 certmgr - [Certificates - Current U	er]			\times
File Action View Help Image: Constraint of the second seco				
Certificates - Current User C:\LETHOMAS\TRACES\EXPRE	Logical Store Name C:\LETHOMAS\TRACES\EXPRESSWAY SERVER CE	ERTIFICATE C	HAIN.P7B	

步驟2.開啟憑證鏈結,您會看到憑證檔案中的所有憑證(一個伺服器憑證和三個根/中間憑證)。

	Issued To 🔺	Issued By	Expiration D	Intended Purpo	Friendly Name	Stat	Certificate T
1	Telstra AD Objects SHA1 C	Telstra Policy CA1	25/11/2019	<aI></a	<none></none>	R	Subordinate
	🔄 Telstra Policy CA1	Telstra Root CA	25/11/2019	<aI></a	<none></none>	R	Subordinate
	🔄 Telstra Root CA	Telstra Root CA	16/11/2034	<aI></a	<none></none>	R	
	🖏 tghnslev 11 expc.in. telstra.c	Telstra AD Objects SHA1 CA	11/12/2018	Server Authenti	<none></none>	R	Telstra Live

步驟3.按一下右鍵要下載的證書,選擇**所有任務 > 匯出。**

🚟 certmgr - [Certificates - Current U	ser\C:\USERS\ANMIRON\DESKTOP\/		7
File Action View Help			
🗢 🄿 🖄 🖬 🔹 👔 🛙			
Certificates - Current User	Issued To	Issued By	Expiration Date
	🙀 hlexpressc.hobbylobby.corp	HORRVLORRV-ENITCA1	2/25/2018
Certificates	HOBBYLOBBY-CA-1	Open	3/28/2022
	HOBBYLOBBY-ENTCA1	All Tasks V Open	18 22
		Copy Export.	
		Help	
			•
Export a certificate			

步驟4.出現「Certificate Export Wizard(證書匯出嚮導)」視窗。

<section-header><text><text><text><text></text></text></text></text></section-header>
 < Back Next > Cancel

步驟5.選擇下一步,然後選擇Base-64 Encoded X.509選項,然後選擇下一步。

Select the format you want to use:
DER encoded binary X.509 (.CER)
Base-64 encoded X.509 (.CER)
Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B)
Include all certificates in the certification path if possible

步驟6。系統會顯示一個新頁面,選擇Browse,然後在彈出的視窗中,輸入證書的檔名,然後選擇 Save。

Certificate Export Wizard	Organize - New folder	⊫ • 0
File to Export Specify the name of the file you want to export File name: Browse	Favorites Name Desktop No iter Downloads No iter Downloads No iter Libraries No iter Documents No iter Music Pictures Videos Videos System (C:) System (C:)	Date modified Type Size ns match your search. want to capture.
<back next=""> Cancel</back>	File name: HLEXPRESSSC-ServerCert Save as type: DER Encoded Binary X.509 (*.cer)	v Save Cancel

步驟7.此操作將返回Browse頁,該頁中的路徑位於File Name下,選擇Next。

步驟8.在下一個視窗中選擇Finish,此時將顯示一個小視窗,其中顯示The export was successful消息。證書儲存在選定的路徑上。

步驟9.您必須對鏈結中的每個憑證重複此程式。

在Expressway伺服器上上傳證書

սիսիս

對於根/中間證書,請導航到Expressway Web Page > Maintenance > Security Certificate > Trusted CA List> Browse。現在依次選擇證書(Certificate)和附加CA證書(Append CA certificate)。(此過程 適用於每個證書)。

CISCO Cisco Expressway-C Status System Configuration Users Maintenance ? Help on Logout **Trusted CA certificate** You are here: Maintenance > Security > Trusted CA certificate Subject Expiration Validity View Type Issuer Certificate O=Temporary CA 51c787dd-d64d-4e58-90ec-489cfe2eadec, OU=Temporary CA 51c787dd-d64d-4e58-90ec-489cfe2eadec, CN=Temporary CA 51c787dd-d64d-4e58-90 Matches Issuer Sep 26 2021 Valid View (decoded) Matches Certificate CN=junaranj-WIN2012AD-DNS-CA-1 Jun 22 2036 Valid Show all (decoded) Show all (PEM file) Delete Select all Unselect all Upload Select the file containing trusted CA certificates Browse... No file selected. 1

若要上傳伺服器憑證,請導覽至Expressway**網頁 > Maintenance > Security Certificates > Server** Certificates。

Status System Configuration Users	Maintenance 3 Help. or Logout
Server certificate	You are here: Maintenance * Security * Server certificate
Server certificate data	
Server certificate	Show (decoded) Show (PEM file)
Currently loaded certificate expires on	Dec 20 2018
Reset to default server certificate	
Certificate signing request (CSR)	
Certificate request	There is no certificate signing request in progress
Generate CSR	
Upload new certificate	
Select the server private key file	Browse No file selected.

附註:上載伺服器證書後,將顯示一條消息,指示需要重新啟動才能使更改生效。