

How to Extract the Bundle Certificate and Upload on Expressway Server

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Introduction

This document describes the process to extract the Bundle certificate and upload on Expressway server.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Expressway Server
- Windows PC

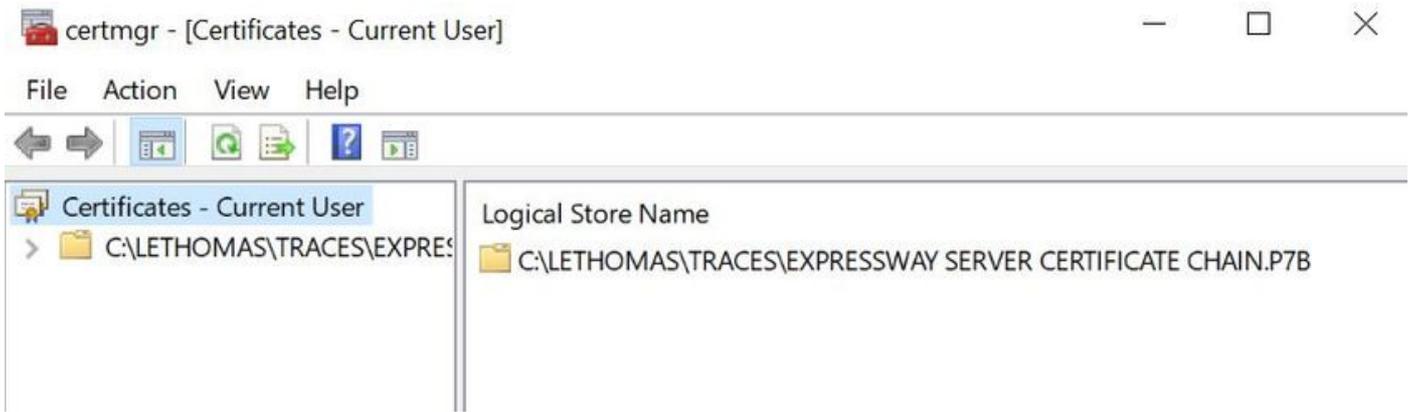
Components Used

This document is not restricted to specific software and hardware versions.

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.

Extract Bundle Certificate and upload on Expressway Server

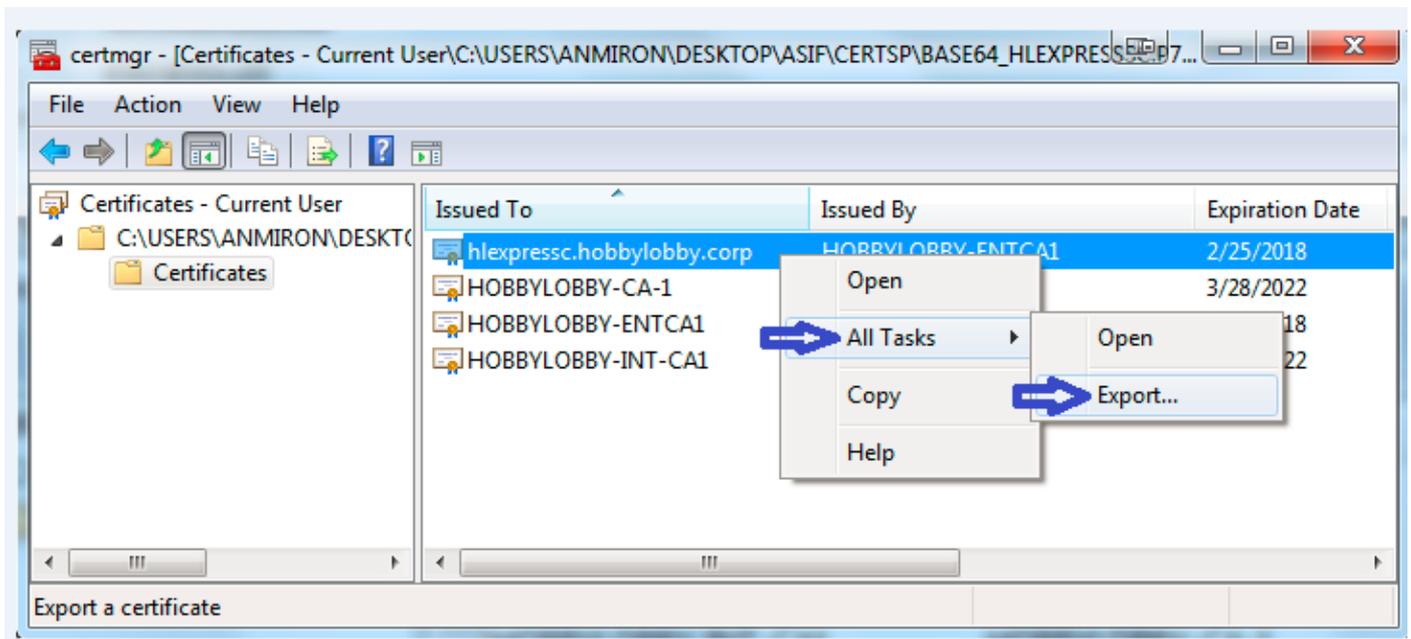
Step 1. Open the **BASE64** and you see a screen as shown in the image. Open the folder under **Logical Store Name**.



Step 2. Open the chain and you see all the certificates in the certificate file (One Server certificate and three Root/intermediate certificate).

Issued To	Issued By	Expiration D...	Intended Purpo...	Friendly Name	Stat...	Certificate T...
Telstra AD Objects SHA1 C...	Telstra Policy CA1	25/11/2019	<All>	<None>	R	Subordinate...
Telstra Policy CA1	Telstra Root CA	25/11/2019	<All>	<None>	R	Subordinate...
Telstra Root CA	Telstra Root CA	16/11/2034	<All>	<None>	R	
tghnslev11expc.in.telstra.c...	Telstra AD Objects SHA1 CA ...	11/12/2018	Server Authenti...	<None>	R	Telstra Live ...

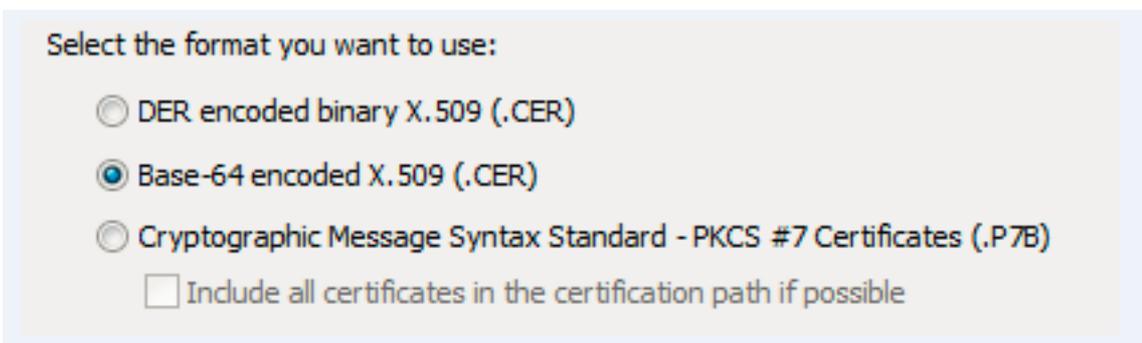
Step 3. Right click on the certificate you want to download, select **All tasks > Export**.



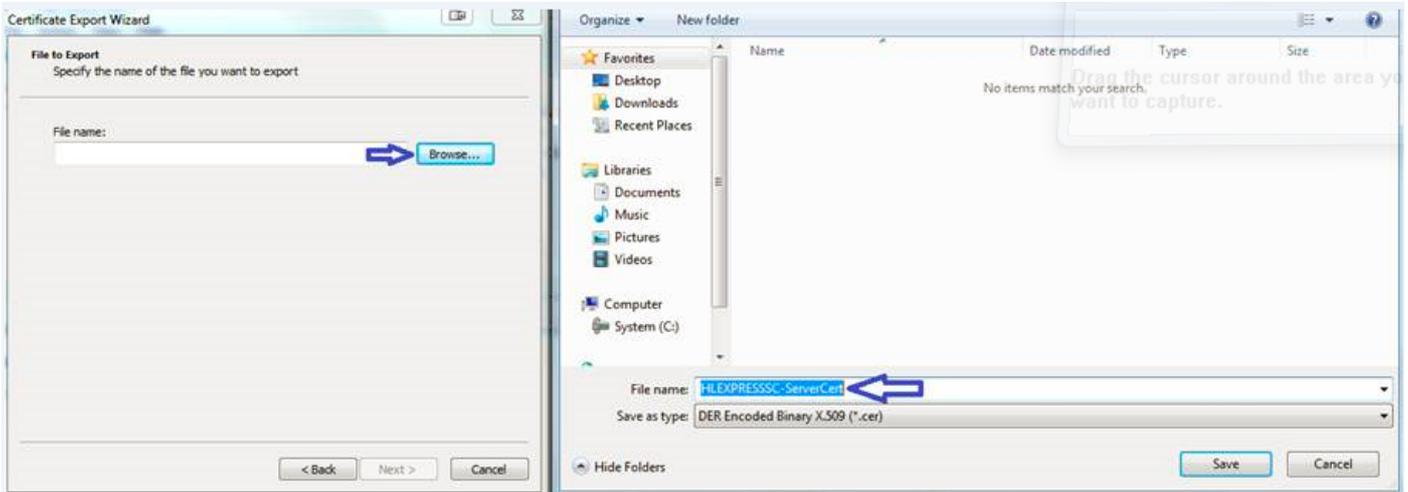
Step 4. The Certificate Export Wizard window appears.



Step 5. Select **Next**, then **Base-64 Encoded X.509** option, then **Next**.



Step 6. A new page appears, select **Browse**, then on the window that pops up, enter the file name for the Certificate, then select **Save**.



Step 7. That action returns you to the **Browse** page with the path under **File Name**, select **Next**.

Step 8. Select **Finish** on the next window and a small window will appear with the **The export was successful** message. The certificate is saved at the selected path.

Step 9. You have to repeat this process for each certificate in the chain.

Upload Certificates on Expressway Server

For the Root/Intermediate Certificates, Navigate to **Expressway Web Page > Maintenance > Security Certificate > Trusted CA List > Browse**. Now select the Certificate and then **Append CA certificate**. (This process is for each cert).

 Cisco Expressway-C

Status System Configuration Users **Maintenance** [Help](#) [Logout](#)

Trusted CA certificate You are here: [Maintenance](#) > [Security](#) > [Trusted CA certificate](#)

Type	Issuer	Subject	Expiration date	Validity	View
<input type="checkbox"/>	O=Temporary CA 51c787dd-d64d-4e58-90ec-f89cfe2eadee, OU=Temporary CA 51c787dd-d64d-4e58-90ec-f89cfe2eadee, CN=Temporary CA 51c787dd-d64d-4e58-90ec-f89cfe2eadee	Matches Issuer	Sep 26 2021	Valid	View (decoded)
<input type="checkbox"/>	CN=junaranj-WIN2012AD-DNS-CA-1	Matches Issuer	Jun 22 2036	Valid	View (decoded)

[Show all \(decoded\)](#) [Show all \(PEM file\)](#) [Delete](#) [Select all](#) [Unselect all](#)

Upload

Select the file containing trusted CA certificates [Browse...](#) No file selected.

In order to upload the server certificate, Navigate on the **Expressway web page > Maintenance > Security Certificates > Server Certificates**.

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. Re-use current private key

Select the server certificate file Browse... No file selected.

[Upload server certificate data](#)

Note: Once you upload the server certificate, a message indicates a restart is required for the change to take effect.