

# **Development Treasury Root Certificate Installation**

There are three primary tasks required in order to install the development Treasury root certificate onto a workstation:

- 1. Obtain the root certificate container files from the Treasury website. Two container files must be obtained, one for production and one for QA (i.e. Treasury Development).
- 2. Export the Treasury root certificates from the certificate container files.
- 3. Import the Treasury root certificates into the local computer certificate/trust store.

This document details the steps involved with each of these tasks and assumes that the tasks will be performed while logged into the workstation as a workstation administrator. This document is applicable for a Windows XP workstation. Please refer to the "RootCertificateInstall-Vista.docx" document for performing the tasks on a Vista or Windows 7 workstation.

Note that the two root certificate container files obtained from the Treasury website both contain multiple certificates, but OTCnet only requires the root certificates to be imported. Since task 3 (certificate import) only allows the import of *all* certificates from a container file, task 2 (certificate export) is necessary in order to create container files containing only the required certificates.

## Task 1: Obtain the root certificate container files from the Treasury website

First, download the Treasury **production** root certificate container file onto the workstation from the following URL:

#### https://pki.treas.gov/root\_sia.p7b

Click "yes" if prompted with a security alert. If a browser instance launches and displays a certificate error page, click "Continue to this website...". Note that the security alert prompt and certificate error page is normal. These merely indicate that you have not yet installed the Production Treasury Root Certificates into your Trusted Root Certificate store. Note that as of December 2010, this URL points to a file that contains the SHA-1 keyed Production Treasury Root Certificates. The URL and/or certificates contained within are subject to change.

Next, download the Treasury **development** root certificate container file onto the workstation from the following URL:

#### http://devpki.treas.gov/devroot\_sia.p7b

Note that as of December 2010, this URL points to a file that contains the SHA-1 keyed Development Treasury Root Certificate. The URL and/or certificates contained within are subject to change.

# Task 2: Export the Treasury root certificate from the certificate container file

## **Export the Production Treasury Root Certificates**

Double-click on the downloaded production certificate container file, **root\_sia.p7b**.

The following screen appears.

📟 Certificates		
Eile <u>A</u> ction <u>V</u> iew <u>H</u> elp ← → III ⓒ 🚉 😫 💵		
Certificates - Current User	Logical Store Name	

#### Navigate to "Certificates"

📟 Certificates				
Eile <u>A</u> ction <u>Vi</u> ew <u>H</u> elp ← → <b>È</b> III ⓒ 🚉 🔮 D	1			
🗐 Certificates - Current User	Issued To 🕢	Issued By	Expiration Date	Intende 🔨
C:\TEMP\ROOT_SIA.P7B	DHS CA4	US Treasury Ro	3/13/2018	<all></all>
Certificates	Entrust	US Treasury Ro	6/15/2012	<ali> 📃</ali>
	🕮 Federal Bridge CA	US Treasury Ro	12/6/2013	<all></all>
	🕮 Fiscal Service	US Treasury Ro	2/18/2012	<all></all>
	🕮 Fiscal Service	US Treasury Ro	1/18/2019	<all></all>
	🕮 Fiscal Service	US Treasury Ro	7/19/2019	<all></all>
	🕮 Fiscal Service	US Treasury Ro	7/19/2019	<ali> 🗸</ali>
	<			>
C:\TEMP\ROOT_SIA.P7B store contains 2	2 certificates.			

Scroll to the bottom of the list of certificates in the right pane, hold down the Ctrl key and select all four of the "US Treasury Root CA" items. Right-mouse click on the selected items and click "All Tasks -> Export..."

🕮 Certificates				
File     Action     View     Help       ←     →     €     III     III     III	ÞE			
🐻 Certificates - Current User	Issued To 🛛 🛆	Issued By	Expiration Date	Intende 🔨
C:\TEMP\ROOT_SIA.P7B	US Treasury Public CA US Treasury Public CA US Treasury Public CA US Treasury Root CA US Treasury Root CA US Treasury Root CA US Treasury Root CA	US Treasury Ro US Treasury Ro US Treasury Ro US Treasury Ro All Tasks ► Export	2/11/2012 6/17/2015 12/5/2020 3/11/2012 11/2012	<all> <all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all></all>
	US Treasury Root CA	Help	8/5/2026	
Export a certificate				

The Certificate Export Wizard displays. Click the "Next" button



Click the "Browse..." button to specify the file name and folder of the export file

Certificate Export Wizard	
File to Export Specify the name of the file you want to export	
Eile name:	
<u>Browse</u> .	<u></u>
< <u>B</u> ack <u>N</u> ext >	Cancel

Type in file name and	l click the	"Save"	button
-----------------------	-------------	--------	--------

Save As					? 🛛
Save <u>i</u> n:	C export		~	3 🜶 🖻 🖽	
My Recent Documents					
Desktop					
My Documents					
My Computer L3W9964					
<b>S</b>	File <u>n</u> ame:	ProdTreasuryRootCerts		~	Save
My Network	Save as type:	PKCS #7 Certificates (*.p	o7b)	~	Cancel

Confirm file name and click the "Next" button

Certificate Export Wizard	×
File to Export Specify the name of the file you want to export	
Eile name:	
C:\temp\export\ProdTreasuryRootCerts.p7b Browse	
	_
< <u>B</u> ack <u>N</u> ext > Cancel	

## Click the "Finish" button

Certificate Export Wizard	X
	Completing the Certificate Export Wizard You have successfully completed the Certificate Export wizard. You have specified the following settings:
	File Name C: \temp\export\ProdTreasuryRootCerts. File Format Cryptographic Message Syntax Standard
	K Solution (Cancel)

You will see the following message if the export was successful.



Close the "Certificates" application.

# Export the Development Treasury Root Certificate

Double-click on the downloaded development certificate container file, **devroot\_sia.p7b**.

#### The following screen appears.

📟 Certificates		
<u>File Action View H</u> elp		
Certificates - Current User	Logical Store Name	
	C:\TEMP\DEVROOT_SIA.P7B	

## Navigate to "Certificates"

🖼 Certificates				
Eile <u>A</u> ction <u>Vi</u> ew <u>H</u> elp ← → <b>E</b> III ⓒ B 😫 🕑	]			
Certificates - Current User	Issued To 🛛	Issued By	Expiration Date	Inte
C:\TEMP\DEVROOT_SIA.P7B	Development NASA Operational CA	Development U	4/15/2019	<all< td=""></all<>
Certificates	Bevelopment NASA Operational CA	Development U	11/3/2020	<all< td=""></all<>
	🕮 Development OCIO CA	Development U	8/13/2019	<all< td=""></all<>
	🕮 Development OCIO CA	Development U	8/19/2019	<all< td=""></all<>
	🖼 Development OCIO CA	Development U	8/20/2019	<all< td=""></all<>
	🖼 Development OCIO CA	Development U	6/23/2020	<all< td=""></all<>
	🖼 Development US Treasury Root CA	Development U	3/18/2029	<all< td=""></all<>
				>
C:\TEMP\DEVROOT_SIA.P7B store contain	ns 7 certificates.			

Select "Development US Treasury Root CA", right-mouse click, select "All Tasks -> Export..."

🕮 Certificates			[	
File Action View Help				
Certificates - Current User	Issued To 🛛	Issued By	Expiration Date	Inte
C:\TEMP\DEVROOT_SIA.P7B	Development NASA Operational CA	Development U	4/15/2019	<all< td=""></all<>
Certificates	Development NASA Operational CA	Development U	11/3/2020	<all< td=""></all<>
	Development OCIO CA	Development U	8/13/2019	<all< td=""></all<>
	Development OCIO CA	Development U	8/19/2019	<all< td=""></all<>
	Development OCIO CA	Development U	8/20/2019	<all< td=""></all<>
	Development OCIO CA	Development U	6/23/2020	<all< td=""></all<>
	Development US Treasury Part CA	Development U	3/18/2029	<all< td=""></all<>
	оре			
	All Ta	asks 🕨 Open		
	Сору	Export		
	<			>
Export a certificate	Help			

The Certificate Export Wizard displays. Click the "Next" button



Select "Cryptographic Message Syntax Standard – PKCS #7 Certificates (.P7B)" and click the "Next" button. Note that this screen only appears when selecting a single certificate to export, as is the case for the Development Treasury Root Certificate (the .CER formats can only contain one certificate).

Certificate Export Wizard
Export File Format Certificates can be exported in a variety of file formats.
Select the format you want to use:
O DER encoded binary X.509 (.CER)
O Base-64 encoded X.509 (.CER)
Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B) Include all certificates in the certification path if possible
<ul> <li>Personal Information Exchange - PKCS #12 (.PFX)</li> <li>Include all certificates in the certification path if possible</li> </ul>
Enable strong protection (requires IE 5.0, NT 4.0 SP4 or above)
Delete the private key if the export is successful
< <u>B</u> ack <u>N</u> ext > Cancel

Click the "Browse..." button to specify the file name and folder of the export file

Certificate Export Wizard	×
File to Export Specify the name of the file you want to export	
Eile name:	
Browse	
< <u>B</u> ack <u>N</u> ext > Cancel	

Type in file name and click the "**Save**" button. Ensure that the file name is different than the file name used for exporting the production certificates.

Save As						? 🗙
Save <u>i</u> n:	C export		~	G 🦻	• 🖭 对	
My Recent Documents	ProdTreasuryRo	ootCerts.p7b				
Desktop						
My Documents						
My Computer L3W9964						
	File <u>n</u> ame:	DevTreasuryRootCerts.	p7b		✓ (	Save
My Network	Save as type:	PKCS #7 Certificates (*	.p7b)		<b>~</b> (	Cancel

Confirm file name and click the "Next" button

Certificate Export Wizard	×
File to Export Specify the name of the file you want to export	
<u>F</u> ile name:	
C:\temp\export\DevTreasuryRootCerts.p7b Browse	
· · · · · · · · · · · · · · · · · · ·	_
< <u>B</u> ack <u>N</u> ext > Canc	el

## Click the "Finish" button

Certificate Export Wizard		×
	Completing the Certificate Export Wizard You have successfully completed the Certificate Export wizard. You have specified the following settings:	
	File Name       C:\tem         Export Keys       No         Include all certificates in the certification path       No         File Format       Crypto	
	< Back Finish Cance	

You will see the following message if the export was successful.



Close the "Certificates" application.

# Task 3: Import the Treasury Root Certificates into the local computer trust store

## Import the Production Treasury Root Certificates

Click "Start -> Run...", type "mmc" into the "Open" textbox and click "OK"

Run	? 🔀
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	mmc 💌
	OK Cancel <u>B</u> rowse

The following screen appears:

🚡 Console1					
Eile Action View Favorites Window Help					
Console Root					
	Name	There are no items to show in this view			
		There are no items to show in this view	۷.		
				.::	

## Select "File -> Add/Remove Snap-in..."

🚡 Console1		
File Action View Favorites Window	Help	
New Ctrl+N		
Open Ctrl+O		
Save As		
Add/Remove Span-in Ctrl+M	Name	
Options	There are no items to show in this view.	
1 C:\WINDOWS\\certmar.msc		
Evit		
Exit		
4		
4		
4		
4		
Adds or removes individual snap-ins.		

The following screen appears. Click the "Add" button.

Add/Remove Snap-in	? 🛛
Standalone Extensions	
Use this page to add or remove a standalone Snap-in from the con	nsole.
Snap-ins added to: Console Root	
Description	
Add Remove About	
ОК (	Cancel

The following screen appears. Select "Certificates" and click the "Add" button.

A	dd Standalone Snap-in	[	<u> </u>	
	Available Standalone Snap-ins:			
	Snap-in	Vendor		
	NET Framework 2.0 Configuration	Microsoft Corporation		
	al ActiveX Control	Microsoft Corporation	=	
	Certificates	Microsoft Corporation		
	Component Services	Microsoft Corporation		
	📙 Computer Management	Microsoft Corporation		
	🚚 Device Manager	Microsoft Corporation		
	🚱 Disk Defragmenter	Microsoft Corp, Executi		
	🗃 Disk Management	Microsoft and VERITAS		
	💼 Event Viewer	Microsoft Corporation		
	🚞 Folder	Microsoft Corporation	~	
Description The Certificates snap-in allows you to browse the contents of the certificate stores for yourself, a service, or a computer.				
		<u>A</u> dd <u>C</u> lose		

The following screen appears. Ensure that this screen appears. If it does not appear, you are not logged onto the workstation as an administrator. Select the **"Computer account"** option and click the **"Next"** button

Certificates snap-in	×
This snap-in will always manage certificates for: <u>My</u> user account <u>Service account</u> <u>Computer account</u>	
	< <u>B</u> ack <u>N</u> ext > Cancel

The following screen appears. Ensure the "Local computer" option is selected, then click "Finish"

Select Computer	×
Select the computer you want this snap-in to manage.         This snap-in will always manage:         O_Local computer: (the computer this console is running on):         O_Another computer:         Prowse         O_Allow the selected computer to be changed when launching from the command line. This only applies if you save the console.	
< <u>B</u> ack Finish Cancel	

Click "Close" on the "Add Standalone Snap-In" screen. The "Add/Remove Snap-In" screen appears as shown below with "Certificates (Local Comuter)" item listed in the list of snap-ins. Click "OK".

Add/Remove Snap-in	<b>?</b> ×
Standalone Extensions	
Use this page to add or remove a standalone Snap-in from the console.	
Snap-ins added to: 🔄 Console Root	
Description	
Add <u>R</u> emove <u>Ab</u> out	
	ancel

The following screen appears. Ensure that "**Certificates (Local Computer)**" appears in the left pane. If instead you see "**Certificates – Current User**", you are not logged onto the workstation as an administrator or you did not follow the previous three steps correctly.

🚡 Console1			
Elle Action View Favorites Window Help			
🛍 Console Root			
Console Root	Name		
	Certificates (Local Computer)		
	]		

Navigate to "Console Root -> Certificates (Local Computer)-> Trusted Root Certification Authorities -> Certificates"

📅 Console1					
Eile Action View Favgrites Window Help ← → 1 € 📧 💼 👔 😳 😵					
🚡 Console Root\Certificates (Local Computer)\T	rusted Root Certification Authoriti	es\Certificates			
Console Root	Issued To A	COMODO Certification Authority	Expiration Date	Server Authenticat	
Personal     Trusted Root Certification Authorities     Certificates     Trusted Root Certification Authorities     Trusted RootBahers     Untrusted Publishers     Trusted RootBahers     Trusted RootCertification Authorities     Trusted Publishers     Definited Party Root Certification Authorities     Trusted Publishers	Convict C and a substant Addition ()     Copyright (c) 1997 Microsoft Corp.     Deutsche Telekom Root CA 1     Diglicert Assured ID Root CA     Diglicert Assured ID Root CA     Diglicert High Assurance EV Root CA     Diglicert High Assurance EV Root CA     Dist (NRF) RootCA	Composite Comparison Automity Copyright (C) 1997 Microsoft Corp. Deutsche Telekom Root CA 1 Deutsche Telekom Root CA 2 DigiCert Ausred ID Root CA DigiCert High Assurance EV Root CA DST (ANK Hervork) CA DST (NRF) RootCA	12/30/1999 7/9/2019 7/9/2019 11/9/2031 11/9/2031 11/9/2031 12/9/2018 12/8/2008	Serve Authentical Time Stamping Secure Email, Serv Server Authentical Server Authentical Secure Email, Serv Secure Email, Serv	
Hosed recipe     Moster recipe     Moster recipe     Gradinate Enrollment Requests     Gradinate Enrollment Requests     Gradinate Enrollment Requests     Gradinate Enrollment Requests	BIST (UFS) RootCA DST RootCA X1 DST RootCA X2 DSTCA E1 DSTCA E2 DSTCA E2	DST (OPS) KootCA DST RootCA X1 DST RootCA X2 DSTCA E1 DSTCA E2 DSTCA E2 DST-Entrust GTI CA	12/6/2008 11/28/2008 11/27/2008 12/10/2018 12/9/2018 12/8/2018	Secure Email, Serv Secure Email, Serv Secure Email, Serv Secure Email, Serv Secure Email, Serv Secure Email, Serv	
Trusted Root Certification Authorities store contains 136 certif	ficates.				

Right mouse click on "Console Root -> Certificates (Local Computer)-> Trusted Root Certification Authorities -> Certificates" and select "All Tasks -> Import..."

🚡 Console1				
File Action View Favorites Window Help				
🚡 Console Root\Certificates (Local Computer)\Tri	usted Root Certification Authoriti	es\Certificates		
Console Root	Issued To 🔺	Issued By	Expiration Date	Intended Purposes
🖻 🗐 Certificates (Local Computer)	COMODO Certification Authority	COMODO Certification Authority	12/31/2029	Server Authenticat
	Copyright (c) 1997 Microsoft Corp.	Copyright (c) 1997 Microsoft Corp.	12/30/1999	Time Stamping
Trusted Root Certification Authorities	Beutsche Telekom Root CA 1	Deutsche Telekom Root CA 1	7/9/2019	Secure Email, Serv
Certificati All Tasks > Im	port the Telekom Root CA 2	Deutsche Telekom Root CA 2	7/9/2019	Secure Email, Serv 📄
	DigiCert Assured ID Root CA	DigiCert Assured ID Root CA	11/9/2031	Server Authenticat
	🔛 DigiCert Global Root CA	DigiCert Global Root CA	11/9/2031	Server Authenticat
Indiced rabin. New Window from Here	DigiCert High Assurance EV Root CA	DigiCert High Assurance EV Root CA	11/9/2031	Server Authenticat
Third-Party R New Taskpad View	B DST (ANX Network) CA	DST (ANX Network) CA	12/9/2018	Secure Email, Serv
Trusted Peop	BST (NRF) RootCA	DST (NRF) RootCA	12/8/2008	Secure Email, Serv
Other People     Refresh	B DST (UPS) RootCA	DST (UPS) RootCA	12/6/2008	Secure Email, Serv
Export List	BST RootCA X1	DST RootCA X1	11/28/2008	Secure Email, Serv
🕀 📄 Certificate En 🛛 Help	BST RootCA X2	DST RootCA X2	11/27/2008	Secure Email, Serv
E SPC	B DSTCA E1	DSTCA E1	12/10/2018	Secure Email, Serv
	BSTCA E2	DSTCA E2	12/9/2018	Secure Email, Serv
	BST-Entrust GTI CA	DST-Entrust GTI CA	12/8/2018	Secure Email, Serv ⊻
	<			>
Add a certificate to a store				

# Certificate Import Wizard Welcome to the Certificate Import Wizard This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.

The Certificate Import Wizard displays. Click the "Next" button

A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.

To continue, click Next.

< <u>B</u>ack  $\underline{N}ext >$ Cancel The following screen appears. Click the "Browse..." button

Certificate Import Wizard	×
File to Import Specify the file you want to import.	
Eile name:	
Note: More than one certificate can be stored in a single file in the following formats: Personal Information Exchange- PKCS #12 (.PFX,.P12) Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)	
Microsoft Serialized Certificate Store (.SST)	
< <u>B</u> ack <u>N</u> ext > Cancel	

Set the file type filter to "**PKCS #7 Certificates (\*.spc; \*.p7b)**" and navigate to the file containing the production root certificates exported previously in task 2. Select the file and click "**Open**"

Open						? 🔀
Look <u>i</u> n:	C export		~	G 🦻	• 🖭 👏	
My Recent Documents	DevTreasuryRo	otCerts.p7b ootCerts.p7b				
Desktop						
My Documents						
My Computer L3W9964						
	File <u>n</u> ame:	ProdTreasuryRootCerts.p7b			~	Open
My Network	Files of type:	PKCS #7 Certificates (*.spc;*.;	p7b)		~	Cancel

The following screen appears. Verify the name of the file to import and click "Next"

Certificate Import Wizard	$\mathbf{X}$
File to Import Specify the file you want to import.	
Eile name:	
C:\temp\export\ProdTreasuryRootCerts.p7b Browse	
Note: More than one certificate can be stored in a single file in the following formats:	
Cryptographic Message Syntax Standard- PKCS #7 Certificates ( P7R)	
Microsoft Serialized Certificate Store (.SST)	
< <u>B</u> ack <u>N</u> ext > Cancel	

The following screen appears. Verify that the option "**Place all certificates in the following store**" is selected and the Certificate store displayed is "**Trusted Root Certification Authorities**". Click the "**Next**" button

Certificate Import Wizard
Certificate Store Certificate stores are system areas where certificates are kept.
··
Windows can automatically select a certificate store, or you can specify a location for
Automatically select the certificate store based on the type of certificate
Place all certificates in the following store
Certificate store:
Trusted Root Certification Authorities Browse
< <u>B</u> ack <u>N</u> ext > Cancel

Certificate Import Wizard		×			
	Completing the Certificate Impo Wizard You have successfully completed the Certificate Impor wizard. You have specified the following settings:				
	Certificate Store Selected by User Trusted Root Certificates Content PKCS #7 Certificates File Name C:\temp\export\Prod				
	< <u>B</u> ack Finish Cancel				

The following screen appears. Click the "Finish" button

You will see the following message if the import was successful. Click "OK".



#### Import the Development Treasury Root Certificate

Repeat the import process (pages 24-30) for the development root certificate container file exported in task 2 (DevTreasuryRootCerts.p7b). Ensure that you specify the file containing the development certificate and that you import into the "Trusted Root Certification Authorities" certificate store.

## Verify installation of Production Treasury Root Certificates

Verify that the **"US Treasury Root CA**" certificates were imported successfully into the **"Trusted Root Certification Authorities**" store of the **Local Computer**. See the certificates encircled in red below to verify.

🚡 Console1						
File Action View Favorites Window	Help					
← → 🗈 📧 💼 🐼 😫 😰	<b>M</b> E					
📸 Console Root\Certificates (Local	Computer)\Trusted Root Certifica	ation Authorities\Certificates				
Console Root	Issued To 🛛	Issued By	Expiration Date	Intended Purposes	F 🐴	
Certificates (Local Computer)	TC TrustCenter Class 3 CA	TC TrustCenter Class 3 CA	1/1/2011	Secure Email, Server	т	
Personal	TC TrustCenter Class 4 CA	TC TrustCenter Class 4 CA	1/1/2011	Secure Email, Server	т	
Trusted Root Certification Autho	TC TrustCenter Time Stamping CA	TC TrustCenter Time Stamping CA	1/1/2011	Time Stamping	т	
Certificates	Thawte Personal Basic CA	Thawte Personal Basic CA	12/31/2020	Client Authentication	Th	
Intermediate Certification Author	Thawte Personal Freemail CA	Thawte Personal Freemail CA	12/31/2020	Client Authentication	Th	
Trusted Publishers	Thawte Personal Premium CA	Thawte Personal Premium CA	12/31/2020	Client Authentication	Th:	
Untrusted Certificates	Thawte Premium Server CA	Thawte Premium Server CA	12/31/2020	Server Authenticatio	Tł	
Third-Party Root Certification Au	🕮 thawte Primary Root CA	thawte Primary Root CA	7/16/2036	Server Authenticatio	th	
Trusted People	Thawte Server CA	Thawte Server CA	12/31/2020	Server Authenticatio	Th:	
🗄 📄 Other People	Thawte Timestamping CA	Thawte Timestamping CA	12/31/2020	Time Stamping	Tł	
🗄 📄 McAfee Trust	US Treasury Root CA	US Treasury Root CA	8/5/2026	<all></all>	< ■	
🗈 📄 Certificate Enrollment Requests	🖼 US Treasury Root CA	US Treasury Root CA	3/11/2012	1.2.840.113533.7.7		
🗊 💼 SPC 🔪 🔪	🖼 US Treasury Root CA	US Treasury Root CA	3/11/2012	<all></all>		
🗄 🚞 _NMSTR	US Treasury Root CA	US Treasury Root CA	3/11/2012	<all></all>	< ■	
	UTN - DATACorp SGC	UTN - DATACorp SGC	6/24/2019	Server Authentication	U	
	UTN-USERFirst-Client Authenticati	UTN-USERFirst-Client Authentication	7/9/2019	Secure Email	ហ <b>្</b>	
<	<					

#### Verify installation of Development Treasury Root Certificate

Verify that the "Development US Treasury Root CA" certificate was imported successfully into the "Trusted Root Certification Authorities" store of the Local Computer. See the certificate encircled in red to verify.

🚡 Console1					
Elle Action View Favgrites Window Help ← → € 💷 💼 🗗 🔂 😫					
🚡 Console Root\Certificates (Local Computer)\Tr	rusted Root Certification Authoriti	es\Certificates			
📄 Console Root	Issued To 🔺	Issued By	Expiration Date	Intended Purposes	
Console Root Certificates (Local Computer) Certificates (Local Computer) Certificates Certificat	Class 3P Primary CA Class 3TS Primary CA COMODO Certification Authority Copyright (c) 1997 Microsoft Corp. Deutsche Telekom Root CA 1 Deutsche Telekom Root CA 2 Deutsche Telekom Root CA 2 Dip(Cert Assured ID ROOT CA Dip(Cert High Assurance EV Root CA Dip(Cert	Class 3P Primary CA Class 3TS Primary CA COMODO Certification Authority Copyright (c) 1997 Microsoft Corp. Deutsche Telekom Root CA 1 Deutsche Telekom Root CA 2 Development US Treasury Root CA DigiCert Assured ID Root CA DigiCert High Assurance EV Root CA DigiCert High Assurance EV Root CA DST (NRF) RootCA DST (NRF) RootCA DST (UPS) RootCA DST (UPS) RootCA	7/6/2019 7/6/2019 7/6/2019 12/30/1999 7/9/2019 7/9/2019 7/9/2031 11/9/2031 11/9/2031 11/9/2031 12/9/2018 12/8/2008 12/6/2008 11/28/2008	Secure Email, Serv Secure Email, Serv Server Authentical Time Stamping Secure Email, Serv Call> Server Authentical Server Authentical Server Authentical Secure Email, Serv Secure Email, Serv Secure Email, Serv Secure Email, Serv	
	<	DST ROOTCA X2	11/2//2008	Secure Linai, Serv	

Close the "**Console1**" application; you will see the following message:



Click "**No**" to close the Microsoft Management Console and complete the Treasury Root Certificate Installation process.

Service: Our Last Name but our First Priority