

How to Install a Root Chain for Use with DoD ECA Digital Certificates Using Microsoft[®] Internet Explorer 9 and higher

Before you can use your IdenTrust ECA digital Certificates, the IdenTrust ECA Subordinate and ECA Root Certificate must be installed in your browser. This process is performed automatically during the retrieval of the certificate. These instructions are provided only in the case that such process does not execute properly or that you need to install the ECA root chain on another computer.

Download the IdenTrust ECA Subordinate Certificate

- 1. Access the Defense Information Systems Agency (DISA) website where ECA Subordinate certificates are available: https://crl.gds.disa.mil/
- 2. Determine which IdenTrust ECA Subordinate certificate you need to use with your ECA certificate:
 - For ECA certificates installed thru October 31 2016, select IdenTrust ECA 4
 - For ECA certificates installed on or after November 1, 2016, select IdenTrust ECA S21
- 3. Select the IdenTrust ECA certificate you wish to install and click "Submit Selection".

	DoD PKI Management
	FOR OFFICIAL USE ONLY
	Home Help FAQs Search GDS
PLEASE SELECT ONE CA	
D ROOT CA 4 D ROOT CA 5 D ROOT CA 5 D SW CA-53 D SW CA-53 D SW CA-55	Select a Certification Authority on the left to:
5W CA-56 1SW CA-56 1SW CA-57 SW CA-58 WCF ROOT CA 1	View/Download the CA Certificate
A ROOT CA 2 A ROOT CA 3 A ROOT CA 4 INTRUST EAA S24	Download the CA CRL
INTRUST ECA 5 NTRUST ECA COMPONENT S21 NTRUST ECA 521 C ECA 6 C ECA HW 5	Download the CA CRL in GZIP format
CECA SW 5	

4. Launch the subordinate CA certificate download by selecting "Download".

		DoD PKI Management
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PLEASE SELECT ONE CA		
DOD ROOT CA 4 DOD ROOT CA 5	^	IDENTRUST ECA 4
DOD SW CA-53 DOD SW CA-54		Certificate Authority Certificate
DOD SW CA-55 DOD SW CA-56		Vew
DOD SW CA-57 DOD SW CA-58		Commond Cert Size: (0.0013 MB) 1.399 Bytes
DOD WCF ROOT CA 1		
ECA ROOT CA 2 ECA ROOT CA 3		Certification Revocation List
ECA ROOT CA 4 IDENTRUST ECA S21	- 1	DownLoad CRL Size: (0.0935 MB) 98.056 Bytes
IDENTRUST ECA 5 IDENTRUST ECA COMPONENT S21		Download GZIP
IDENTRUST ECA S21		CRL GZIP Size: (0.0477 MB) 50,069 Bytes
ORC ECA 6 ORC ECA HW 5		This Update: Jan 15, 2018 15:44:30 GMT
ORC ECA SW 5	~	Next Update: Jan 16, 2018 15:44:30 GMT
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5. Open the downloaded certificate file. A **Certificate** window will open.



Install the Certificate

1. Select "Install Certificate". This will launch the Certificate Import Wizard.

Certificate
General Details Certification Path
Certificate Information
This certificate is intended for the following purpose(s):
• 2, 16, 840, 1, 101, 3, 2, 1, 3, 24 • 2, 16, 840, 1, 101, 3, 2, 1, 3, 25 • All application policies
Issued to: IdenTrust ECA S21
Issued by: ECA Root CA 4
Valid from 5/ 17/ 2016 to 5/ 18/ 2022
Learn more about tertificates
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2. Select "Next" to start the import wizard.

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. A certificate store. 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.
	< Back Next > Cancel

3. Use the default selection for the certificate store and click "Next".





4. Click "Finish" to complete the subordinate CA certificate import.

Certificate Import Wizard	×
	Completing the Certificate Import Wizard
	The certificate will be imported after you click Finish.
	You have specified the following settings:
	Certificate Store Selected Automatically determined by t
	Content Certificate
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	·
	< Back Finish Cancel

5. Receive confirmation that the import was successful and click "OK" to close the confirmation window.



6. Click "OK" to close the certificate window.

Certificate
General Details Certification Path
Certificate Information
This certificate is intended for the following purpose(s): • 2.16.840.1.101.3.2.1.3.24 • 2.16.840.1.101.3.2.1.3.25 • All application policies
Issued to: IdenTrust ECA S21
Issued by: ECA Root CA 4 Valid from 5/ 17/ 2016 to 5/ 18/ 2022
Install Certificate Issuer Statement Learn more about certificates
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Download the ECA Root CA Certificate

If needed, completed the following procedures to download and install the correlating ECA Root certificate.

- 1. Access the Defense Information Systems Agency (DISA) website where ECA Subordinate certificates are available: https://iase.disa.mil/pki-pke/Pages/tools.aspx
- 2. Scroll down the page until you locate the section **PKI CA Certificate Bundles: PKCS#7**. Then select **For ECA PKI Only - Version 5.0.1**. This will launch the file download. Save the file and open it.



3. Double-click on the file folder to open it.



- 4. Determine which ECA Root CA Certificate based on the subordinate IdenTrust ECA certificate you downloaded and installed above.
 - Choose ECA Root 2 if you installed the IdenTrust ECA 4 certificate
 - Choose ECA Root 4 if you installed the IdenTrust ECA S21 certificate
- 5. Double-click on the certificate file name to initiate the certificate installation process.





6. If you receive a security warning, then click "Open".



7. Repeat Steps 1 through 6 provided in the Install the Certificate section to install the downloaded root certificate.

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