

How-To Guide

Trusting Certificates in Adobe to Validate PDFs (OSX)

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Overview

PDF documents signed with PKI certificates can be validated using Adobe Acrobat or Reader. The result of the evaluation is indicated by a symbol and color.

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<u>&</u> ₁	t least o nto this f	ne signa orm.	ture is in	valid.
ß				

A red "X" means the document has been tampered with and its integrity not trusted.



A yellow "!" means the document integrity is fine but the certificate used to digitally sign the document is invalid or not trusted.



A green tick means the document integrity is fine and the certificate used to digitally sign the document is valid issued by a trusted CA (Certificate Authority).

Adobe Acrobat and Reader applications have their own certificate trust stores that are used to validate digital signatures. These stores include the certificates of authorities that issue signing certificates used to digitally sign PDFs. Sometimes, certificates used to sign PDFs are not known to Adobe and therefore a warning is displayed to alert the user to the fact that the certificate is unknown and not trusted.



pDoc Certificates

The pDoc family of products use certificates that may not be recognized by Adobe as trusted document signing certificates. To suppress the untrusted certificate warning for PDF documents signed by pDoc applications, the pDoc certificate can be added to the Adobe trusted certificate store manually.

Signature Validation Status					
<u><u>k</u>_</u>	Signature validity is UNKNOWN. - The document has not been modified since this signature was applied. - The signer's identity is unknown because it has not been included in your list of trusted certificates and none of its parent certificates are trusted certificates.				
	Signature Properties Close				

To add the pDoc certificate to the Adobe trusted store, follow the instructions below:

1. Click on a signature field in a PDF document signed by a pDoc application to access the signature properties and then click on "Show Signer's Certificate..."

	Signature Properties
	Signature validity is UNKNOWN.
<u>40</u>	Signing Time: 2016/05/25 15:58:59 +03'00'
	Reason: Paul Chronopoulos
	Location:
Vali	dity Summary
	The document has not been modified since this signature was applied.
	The certifier has specified that Form Fill-in, Signing and Commenting are allowed for this document. No other changes are permitted.
	The signer's identity is unknown because it has not been included in your list of trusted certificates and none of its parent certificates are trusted certificates.
	Signing time is from the clock on the signer's computer.
	Signature was validated as of the signing time: 2016/05/25 15:58:59 +03'00'
Sig	ner Info
	Path validation checks were successful.
	Revocation checking was not performed. Show Signer's Certificate
Ad	vanced Properties Close Validate Signature



2. Verify that the signing certificate is issued to Topaz Systems and click on the "Trust" tab.

his dialog allows you to view t orrespond to the selected ent bains were issued by a trust a	he details of a cer ry. Multiple issuan	tificat ce ch	te and its entire ains are being	e issuance chain. 1 displayed because	he details none of the
) Show all certification paths fo	und				
pdoc1@topazsystems.c	Summary Det	ails	Revocation	Trust Policies	Legal Notice
	2	pdo	oc1@topazsyste	ms.com	
	Issued by:	Sta	rtCom Class 1 C	lient CA	
		Sta	rtCom Ltd.		
	Valid from:	201	16/04/23 01:49:	33 +03'00'	
	Valid to:	201	17/04/23 01:49:	33 +03'00'	
	Intended usage:	0	Digital Signature	, Encrypt Keys, Enc ation, Email Protect	rypt Document, ion
			Expo	rt	
The selected certificate pa The path validation checks 2016/05/25 15:58:59 +03	ith is valid. were done as of th 00'	e sign	ing time:		
				OK	



3. Click on the "Add to Trusted Certificates..." button to add the signing certificate to the Adobe trusted store.

	(Certificate	Viewer			
This dialog allows you to view correspond to the selected ent chains were issued by a trust a	the details of ry. Multiple is nchor.	a certificat ssuance ch	te and its entir ains are <mark>be</mark> ing	e issuan displaye	ce chain. T d because	he details none of the
Show all certification paths for	ound					
pdoc1@topazsystems.c	Summary This certifi Trust Se Sig Cer Exc doc Exc cer Per file	Details icate is not ttings in document rtify docum ecute dynan cument ecute high p tified docur form privile access, etc	Revocation trusted. ts or data ents nic content that nic content that rivilege JavaSc nent eged system op 2.) Add to Trusted	Trust t is ember cripts that erations (<u>Certifica</u>	Policies dded in a co t are embed (networking tes	ertified Ided in a , printing,
(i) The selected certificate particular the path validation checks 2016/05/06 15:19:51 +03/0	ath is valid. s were done as 00'	s of the sign	ing time:		ОК	



4. Confirm the security warning by clicking on the "OK" button.

chains we	Acrobat Security
ydi	If you change the trust settings, you will need to revalidate any signatures to see the change. Trusting certificates directly from a document is usually unwise. Are you sure you want to do this?
	a certified document Execute high privilege JavaScripts that are embedded in a certified document Perform privileged system operations (networking, printing, file access, etc.) Add to Trusted Certificates
The selected of The path valid	certificate path is valid. ation checks were done as of the signing time:



5. Confirm the new certificate trust by clicking on the "OK" button.

import	i contact bettinga
Certificate Details	
Subject: pdoc1@topazsystems.com <pc< td=""><td>doc1@topazsystems.com></td></pc<>	doc1@topazsystems.com>
ssuer: StartCom Class 1 Client CA	
Jsage: Digital Signature, Encrypt Keys,	Encrypt Document
Expiration: 2017-04-23, 1:49:33 AM	
	Trust
A certificate used to sign a documen chain up to a trust anchor in order fo checking is not performed on or abov	nt must either be designated as a trust anchor or or signature validation to succeed. Revocation we a trust anchor.
Use this certificate as a trusted re	oot
If signature validation succeeds, trus	at this certificate for:
Signed documents or data	
Certified documents	
Dynamic content	
Embedded high privilege Java	aScript
Privileged system operations	(networking, printing, file access



6. Revalidate the signature using the new trusted certificate.

2	Signature Properties
lu	Signature is VALID, signed by pdoc1@topazsystems.com <pdoc1@topazsystems.com>.</pdoc1@topazsystems.com>
~	Signing Time: 2016/05/06 15:19:51 +03'00'
	Reason: Ea Smith
	Location:
Valio	dity Summary
	The revision of the document that was covered by this signature has not been altered; however, there have been subsequent changes to the document.
	The certifier has specified that Form Fill-in, Signing and Commenting are allowed for this document. No other changes are permitted.
	The signer's identity is valid.
	Signing time is from the clock on the signer's computer.
	Signature was validated as of the signing time: 2016/05/06 15:19:51 +03'00°
Sign	er Info
	Path validation checks were successful.
	Revocation checking is not performed for Certificates that you have directly trusted.
	Show Signer's Certificate
Adv	vanced Properties Close Validate Signature

After the pDoc certificate is added to the Adobe certificate trust store, any PDF signed by the specific pDoc applications will validate as trusted.

Signature Validation Status	12 · · · · · · · · · · · · · · · · · · ·
 Signature is VALID, signed by pdoc1@topazsystems.com <pdoc1@topazsy< li=""> The revision of the document that was covered by this signature has not subsequent changes to the document. The signer's identity is valid. Click Signature Properties and then click View Signed Version to see what </pdoc1@topazsy<>	vstems.com>. been altered; however, there have been at is covered by this signature. Signature Properties Close