



(n)Code Applet-less PKI component Help Document





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Prerequisite

- Java 1.8 or above
- Local system admin rights
 - Note: do not run as "run as administrator".
 - Must not ask for any username or password while installation

DO NOT SHARE DOCUMENT WITH END USER



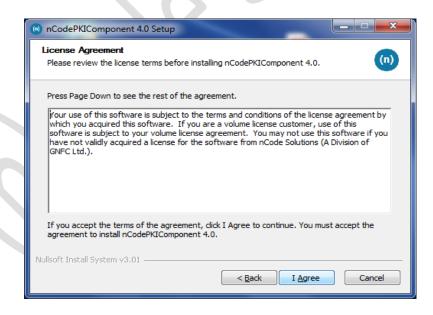


Steps to install the setup.

Click on nCodePKIComponent setup, popup will be shown as below.



Click on next, Agree on terms and condition.



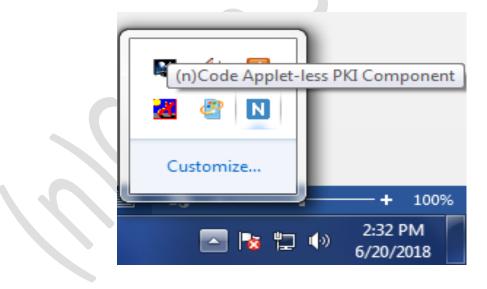




Click on finish.



After you click the finish button Applet-less pki component will run automatically and you will get icon in the system try







Steps to uninstall / re-install

- Go to control panel >> add / remove program >> search for nCodePKIComponent V4.0
- Right-click on nCodePKIComponent V4.0 and
- Select uninstall / change which will open a wizard
- Follow wizard to uninstall nCodePKIComponent V4.0
- Right-click on **Remove_OLD_Settings.bat** (which you have already downloaded with the installer) and **run as administrator** to remove configuration if any remain.
- Install nCodePKIComponent V4.0 using the setup to use it once again



Import security certificate (if you are not able to use applet less PKI component)

- Close all browsers open in the system.
- Save localhost.crt in the system which is shared with this help document.
- Click WIN + R (to open the run command), after the dialog box is open
 - Write certmgr.msc in run command and press enter or click on the OK button

🖅 Run	\times
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	certmgr.msc ~
	OK Cancel <u>B</u> rowse

- It will open a new dialogue box as shown below
- After getting below the dialog box

🖷 certmgr - [Certificates - Current User]		_	\times
File Action View Help			
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 Personal Trusted Root Certification Enterprise Trust Intermediate Certification Active Directory User Obje Trusted Publishers Untrusted Certificates Trusted People Trusted People Client Authentication Issu ISG Trust Local NonRemovable Cert McAfee Trust McLient Authon Issu McAfee Trust McAfee Tru	Store Name sonal ted Root Certification Authorities erprise Trust rmediate Certification Authorities ve Directory User Object ted Publishers rusted Certificates d-Party Root Certification Authorities ted People nt Authentication Issuers er People Trust al NonRemovable Certificates Afee Trust EHistoryJournal		~





• Go to "Trusted Root Certification" >> "Certificates"

File Action View Help Image: Struct Str	🖷 certmgr - [Certificates - Current User\Trusted Root Certification Authorities\Certificat — 🛛 🗙					
Certificates - Current User Issued To Issued By Personal Trusted Root Certification AAA Certificate Services AAA Certificate Services Certificates AddTrust External CA Root AddTrust External CA Root Certificates Baltimore CyberTrust Root Baltimore CyberTrust Root Intermediate Certification CCA India 2011 CCA India 2011 Cal India 2014 CCA India 2014 CCA India 2014 CA India 2015 CCA India 2014 CCA India 2014 CA India 2015 CCA India 2015 CCA India 2015 Cal India 2015 CCA India 2015 CCA India 2015 Cal India 2015 CCA India 2015 CCA India 2022 CA India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Cal India 2022 CCA India 2022 CCA India 2022 Contine Authentication Issu Certum Trus	File Action View Help					
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	 Personal Trusted Root Certification Certificates Enterprise Trust Intermediate Certification Active Directory User Obje Trusted Publishers Untrusted Certificates Trusted Party Root Certificat Trusted People Client Authentication Issu Other People ISG Trust Local NonRemovable Cert McAfee Trust Certificate Enrollment Rec 	AAA Certificate Services AddTrust External CA Root Baltimore CyberTrust Root CCA India 2011 CCA India 2014 CCA India 2014 CCA India 2015 SPL CCA India 2022 CCA India 2023 CCA India 2023	AAA Certificate Services AddTrust External CA Root Baltimore CyberTrust Root CCA India 2011 CCA India 2014 CCA India 2014 CCA India 2015 SPL CCA India 2022 CCA India 2022 CCA India 2022 Certum CA Certum Trusted Network CA Certum Trusted Network CA 2 CFCA EV ROOT Class 3 Public Primary Certificatio COMODO RSA Certification Auth			

- Right Click on "Certificates" go to >> "All Tasks" > "Import..."
 - It will open the wizard as shown in 7

🖀 certmgr - [Certificates - Current User\Trusted Root Certification Authorities\Certificat 🛛 🗙						
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Certificates - Current User Certificates - Current User Certification Certification	-	^ rtificate Services st External CA Root	Issued By AAA Certificate Services AddTrust External CA Root			
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> Other People ISG Trust Local NonRemovable Cert		Trusted Network CA Trusted Network CA 2	Certum Trusted Network CA Certum Trusted Network CA 2 CFCA EV ROOT			
Control Contro Control Control Control Control Control Control Control Control Co	Class 3	Public Primary Certificat	Class 3 Public Primary Certificatio COMODO RSA Certification Auth			
Add a certificate to a store	<u> </u>					

• Follow Certificate import wizard to import "localhost.crt" file in your "Trusted Root Certification





authority"

File name:

0

C:\Users\usshah\Desktop\ocalhost.crt

Personal Information Exchange-PKCS #12 (.PFX,.P12)

Microsoft Serialized Certificate Store (.SST)

		\times
~	F 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, 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.	
	Store Location	
	Current User	
	O Local Machine	
	To continue, click Next.	
	To continue, cite next.	
	Next Cancel	
•	Click Next to continue	
		×
←	🐓 Certificate Import Wizard	
-	✓	
	File to Import	
	Specify the file you want to import.	
		-

Select "localhost.crt" file and click Next

Note: More than one certificate can be stored in a single file in the following formats:

Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)

Browse...



	>
🗧 🚁 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 the certificate.	
O 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	
	4
Next Ca	ancel

• Click Next to continue

🔶 🛛 🛃 Certificate Import Wizard		×
Completing the Certifi	cate Import Wizard	
The certificate will be imported after	r you click Finish.	
You have specified the following set	ttinas:	
	Trusted Root Certification Authorities Certificate	
File Name	C: \Users \dmprajapati \Desktop \localhost.crt	
	Finish	Cancel

• Then click on Finish

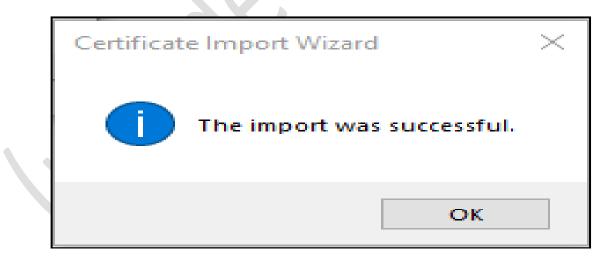




- You will get one more dialog box as show below
 - Click on Yes

Security \	Warning	\times
	You are about to install a certificate from a certification authority (CA) claiming to represent:	
	localhost	
	Windows cannot validate that the certificate is actually from "localhost". You should confirm its origin by contacting "localhost". The following number will assist you in this process:	
	Thumbprint (sha1): 26839EAE 19E58AD7 122EE781 9FD5A65F 93E60785	
	Warning: If you install this root certificate, Windows will automatically trust any certificate issued by this CA. Installing a certificate with an unconfirmed thumbprint is a security risk. If you click "Yes" you acknowledge this risk.	
	Do you want to install this certificate?	
	Yes No	

• After that you will get message " The import was successful"



Close all open windows





- Open Chrome web browser
 - Try to access the following URL <u>https://localhost:13591/</u>
 - If you are getting the following message changes are applied successfully.

S Error 404 Not Found ×	+				
← → C localhost:13591					
📙 Other 🔜 BookMark 🔜 Test Links		IMP			
HTTP ERROR 404					
Problem accessing /. Reason:					
Not Found					
Powered by Jetty:// 9.4.7.v20170914					





Debugging Applet-less PKI component

- Go to the PKI component installation folder :
 - For 64-bit system
 - Close already running PKI component from the system tray (near system date & time)
 - C:\Program Files\nCodePKIComponent\
 - Search for run_64.bat file
 - Double client on **run_64.bat**
 - it will open a command prompt and PKI component in debug mode
 - o For 32-bit system
 - Close already running PKI component from the system tray (near system date & time)
 - C:\Program Files\nCodePKIComponent\
 - Search for run_32.bat file
 - Double client on run_32.bat
 - it will open a command prompt and PKI component in debug mode
- You will see the PKI component logs in the command prompt
 - Copy-paste command prompt content in a text file and send it to us.
 - Note : do not share screen shot of command prompt