



(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





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

File Action View Help Image: Second Sec	<u>N:</u>	certmgr - [Certificates - Current	User]	_	\times
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Certificates - Current User Active Root Certification Personal Personal Intermediate Certification Trusted Root Certification Active Directory User Objet Enterprise Trust Trusted Publishers Active Directory User Objet Trusted Publishers Active Directory User Objet Trusted Publishers Active Directory User Object Trusted Pople Untrusted Certificates Trusted People Untrusted Certification Issu Other People Client Authentication Issu Store Trust Other People Local NonRemovable Cert ISG Trust Machae Trust Is Grust		🔿 🛐 🧟 🔊 📊			
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• Go to "Trusted Root Certification" >> "Certificates"

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Trusted Root Certification Authorities	store contains 68 certificates.		

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

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File Action View Help				
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McAfee Trust Gertificate Enrollment Rec Smart Card Trusted Roots		Class 3 Public Primary Certificatio COMODO RSA Certification Auth		
Add a certificate to a store				





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

÷	Sertificate 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, dick Next.	
	Next Cancel	

• Click Next to continue

		×
L	Catificate Immet Winned	
Г	Certificate import Wizard	
L		
L	File to Import	
L	Specify the file you want to import.	
L		
L	File name:	
L	C:\Users\usshah\Desktop\ocalhost.crt Browse	
L	Note: More than one certificate can be stored in a single file in the following formats:	
L	Personal Information Exchange-PKCS #12 (.PFX,.P12)	
L	Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)	
L	Microsoft Serialized Certificate Store (.SST)	
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	Next Cancel	

• Select "localhost.crt" file and click Next





	>
🗧 嵾 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 the certificate.	location for
O Automatically select the certificate store based on the type of certificate store based on	ificate
Place all certificates in the following store	
Certificate store:	
Trusted Root Certification Authorities	Browse
Next	Cancel

• Click Next to continue

🗲 🛛 🕹 Certificate Import Wizard		×
Completing the Certif	icate Import Wizard	
The certificate will be imported afte	er you dick Finish.	
You have specified the following se	ettings:	
Certificate Store Selected by Use Content	r 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>
 - \circ $\,$ If you are getting the following message changes are applied successfully.

$\leftarrow \rightarrow C$ \triangleq localhost:13591					
📙 Other 🔜 BookMark 🔄 Test Links 🔜	IMF				
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