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Advisory No: 06/2022 Category: Customs Issued by: ICEGATE

### Subject: Advisory For Installation of PKI component for nCode Signer Utilty

### Introduction

To Digitally Sign a Document or a file via DSC, user would now require to install PKI Component so that the signer utility can work efficiently

PKI Component is a client-side Utility which should be installed on user's machine (laptop/Desktop) .This will be used for file Signing and file verification via DSC. The purpose of using PKI component is to use the new Signer utility which will be work on Chrome , Edge (Not on IE).

The Pre-requisites to install PKI component are:

- Internet access
- Admin access to install the application
- Access to C:\Program Files
- Access to DSC Signer utility https://icegatesignerutility.blob.core.windows.net/signerutility/PKIComponent.zip
- Winzip Software to extract the DSC signer utility

The Process of Signing/Verfying documents (XML/JSON/PDF) remains same, the user needs the Digital Signing Certificate in Pen drive which is inserted in USB drive of Laptop/Desktop and PKI component installed on the same Desktop/Laptop.

### Following steps needs to be followed by user to install PKI component in Desktop/Laptop

### Steps to install PKI component in Desktop/Laptop

## $Step \, 01: {\tt Open \ the \ url}$

https://icegatesignerutility.blob.core.windows.net/signerutility/PKIComponent.zip

To download the PKIcompoenent.zip

(Same can be downloaded from ICEGATE.gov.in  $\rightarrow$  DSC  $\rightarrow$  Common Signer Utility to digitally sign Customs Documents  $\rightarrow$  Download Signer Utility)



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4	Process Do	cument			Click Her	e	





### Step 02

File is saved in the Download folder for the (Desktop/Laptop)

4-2021 15:20
6 MB
Drive



# Step 03

Click on the Download Folder and access the file in download folder. Right click on the downloaded Zip file, Select Extract All....

← → × ↑ 🖊	> Th	is PC > Downloads >		
🖈 Quick access		Name	Date modified Type	Size
Desktop Downloads	*	V loday (4)		
Documents	*	ICEGATE_applet-less_19-04-2022_30-04-2022_v6.zip	Open	1,79,604 KB
Files_sam	Я		Open in new window Extract All	
New folder	pone		Scan for Viruses	
Screenshots			Pin to Start Scan with Microsoft Defender	
OpeDrive - Perro	Inal		1 Chara	

## Step 04

The file is extracted and saved at the same location of parent file ( Downloads folder).





# Step 05

The user should now open the folder ICEGATE -APPLET-LESS......which was recently extracted from the downloaded ZIP file

← → × ↑ 📴 > This PC > Downloads > ICEGATE_applet-less_19-04-2022_30-04-2022_v6 > ICEGATE_applet-less_09-04-2022_30-04-2022_v6							
		Name	Date modified	Туре	Size		
Quick access		🚾 Appletless_help_documentpdf	25-06-2018 11:46	Microsoft Edge P	538 KB		
	~	💿 nCodePKIComponent_Setup_32_bit.exe	19-04-2022 12:30	Application	86,696 KB		
Downloads	A	🐵 nCodePKIComponent_Setup_64_bit.exe	19-04-2022 12:30	Application	93,070 KB		
Documents	*	Use before installing new setup_Remove	20-06-2018 15:53	Windows Batch File	1 KB		
Pictures	*						

Click Run on the Exe file to install the user can select the PKI Component (n32 bit /64 bit ) as required

# Step 06

Follow the setup wizard and complete the setup ( The setup down below is done taking 64bit)

nCodePKIComponent 4.0 Se	tup – 🗆 X
	Welcome to nCodePKIComponent 4.0 Setup Setup will guide you through the installation of nCodePKIComponent 4.0. It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. Click Next to continue.
	Next > Cancel



# Step 07

Click Next and Accept the user agreement

nCodePKIComponent 4.0 Setup	_		×		
License Agreement Please review the license terms before installing nCodePKIC	omponent 4.0.		(n)		
Press Page Down to see the rest of the agreement.					
Your use of this software is subject to the terms and conditi which you acquired this software. If you are a volume licen software is subject to your volume license agreement. You have not validly acquired a license for the software from nC GNFC Ltd.).	ons of the license se customer, use may not use this ode Solutions (A I	agreemer of this software i Division of	it by Fyou		
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install nCodePKIComponent 4.0.					
Nullsoft Install System v3.01					
< <u>B</u> ack	I <u>A</u> gree	Ca	ncel		



# Step 08

Complete the Setup for PKI Component

Installing

Please wait while nCodePKIComponent 4.0 is being installed.

Extract: messages\_de.properties... 100%

Show details

Show details

Install System v3.01

< Back Next > Cancel

Image: Completing nCodePKIComponent





# Step 09

After the Setup is Completed, the user can see the symbol N in system tray



After the PKI Component setup is complete, the user will Plug DSC in USB drive and can attempt Signing file(XML/Json/Pdf).

Steps to follow when the PKI component is not installed properly, and user is hitting the below error on signing the file

S ICEGATE Common Signer Utility × +						
ice every ard	Trade Portal, CBIC	filesign.icegate.gov.in says Unable to connect to (n)Code PKI component, please check whether the (n)Code PKI component is installed and running. If the issue still persists, please contact the ICEGATE support team.	H.			
	PDF Signing	ОК				
	Sign PDF File					
	Follow steps to Sign the PDF file					
	1) Click on the Sign PDF File button					

Request the user to follow the below steps :

- Close PKI component using exit option in system tray
- run : installCert.bat as administrator (available in the PKI component installation folder, usually C : \Program files\nCodePKIcomponent)
- run\_32.bat or run\_64.bat as per installation (available in the PKI component installation folder usually C : \Program files\nCodePKIcomponent)



	5.4*							
File Home Share	View							
Pin to Quick Copy Paste	Cut Copy path Paste shortcut Paste shortcut	me New item •	✓	Select all Select none				
Clipboard	Organize	New	Open	Select				
$\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\square$ $\Rightarrow$ This	s PC → Windows (C:) → Program Files → nCode	ePKIComponent						
	Name	Date modified	Type Size					
📌 Quick access								
📃 Desktop 🛛 🖈	jre1.8.0_211_64	01-06-2022 13:18	Filefolder					
👆 Downloads 🛛 🖈		01-06-2022 13:18	File folder	2 1/10				
Documents *		01-00-2022 13:17	Windows Batch File	2 KB				
Pictures 🔹		20-07-2019 10:11	Configuration sett	4 ND				
Data (Dr)	favicon ico	20-07-2019 10:04	Configuration sett	10 KB				
	installCert bat	01_06_2022 13.18	Windows Batch File	1 KB				
OneDrive - Personal		02-04-2010 10-11	File	1 KB				
💻 This PC		01-05-2017 12:43	Text Document	1 KB				
3D Objects		10-07-2018 15:55	Security Certificate	1 KB				
Desktop	ncmd.exe	01-08-2019 20:53	Application	45 KB				
	AnCodePkiComponentV4.jar	06-05-2022 14:02	Executable Jar File 18	3,241 KB				
Develoads	README.txt	02-04-2019 10:11	Text Document	1 KB				
- Downloads	release	02-04-2019 10:11	File	1 KB				
J Music	💿 run_32.bat	17-07-2020 10:44	Windows Batch File	1 KB				
Pictures	💿 run_64.bat	08-08-2020 11:26	Windows Batch File	1 KB				
Videos	THIRE Type: Windows Batch File	02-04-2019 10:11	Text Document	147 KB				
Sindows (C:)	THIRE Date modified: 08-08-2020 11:26	14-03-2019 18:13	Text Document	111 KB				
🚛 Data (D:)	🚱 uninst.exe	01-06-2022 13:18	Application	49 KB				
HP RECOVERY (E:)	C Welcome.html	02-04-2019 10:11	Microsoft Edge H	1 KB				
20.11-11-1	20.14							
チーク Type here to	o search O	Hi 💽 📘	🕫 💼 🧿	📭 🔼 🧿 🔤	8			

• Post completing all the steps listed above, user should be able to use PKI component using the website





For any further queries or help kindly contact ICEGATE Helpdesk Team on <u>icegatehelpdesk@icegate.gov.in</u> or <u>1800-3010-1000</u>

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