Digital Signature Certificate (DSC)

Signer Service Registration Instructions For NFRA 1 e-Form

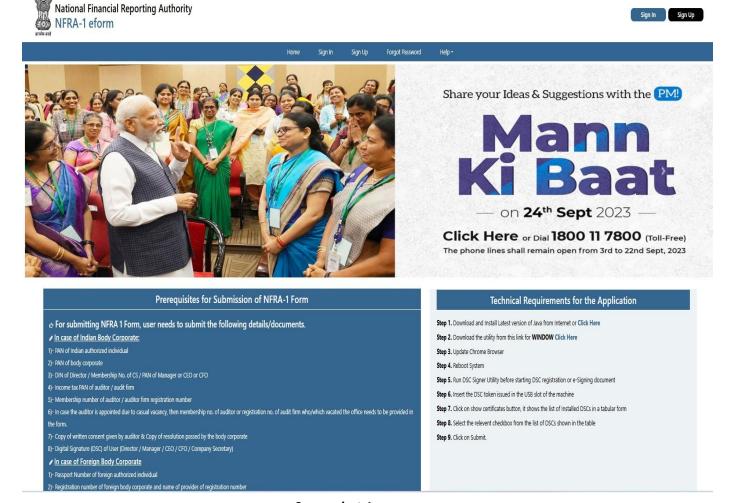
Instructions for installing the DSC Signer Service

Minimum Client's Machine Requirements		
Windows OS	Windows 7 & above	
MAC OS	MAC 10.7 & above	
Ubuntu OS	Ubuntu 18 & above	
JRE	Version 21 or above appropriate as per OS 1. To be Downloaded by Individual User at client machine. (Refer website https://www.java.com/en/ for JRE installation). 2. User(s) with 32-bit windows OS needs to install 32-bit JRE. 3. User(s) 64-bit windows OS installs, 64-bit JRE	

Step 1: On the Homepage, the user will see the instructions for installing of DSC on the Homepage. The link is provided for downloading:

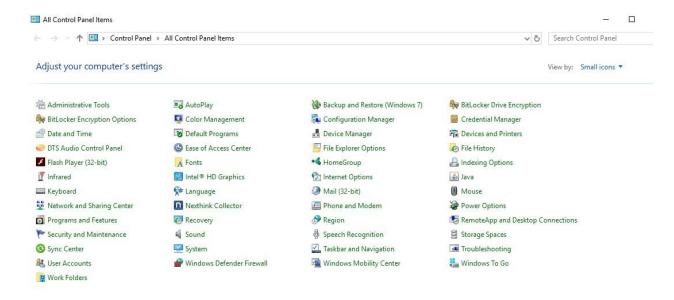
- Latest version of Java
- DSC Signer Service utility

Refer Screenshot 1.



Screenshot 1

Step 2: To check availability of Java version in Windows, go to Control Panel. Click Java link as shown in **Screenshot 2**.



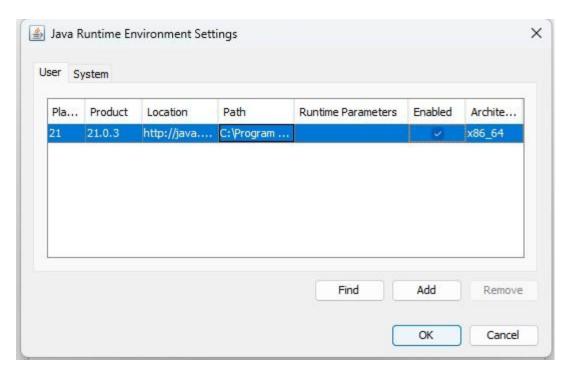
Screenshot 2

Step 3: A screen appears is shown in Screenshot 3, select Java tab and then click View Button.



Screenshot 3

Step 4: The version of Java will appear under User Tab as shown in Screenshot 4.



Screenshot 4

Important Note:

- 1. The user should make sure that only the latest version of Java should be installed on the system.
- 2. In order to install the latest version of Java, the user should click on the link given on the homepage. User will see the following screen. Refer **Screenshot 5**.

Java SE Development Kit 21.0.8 downloads

JDK 21 binaries are free to use in production and free to redistribute, at no cost, under the Oracle No-Fee Terms and Conditions (NFTC).

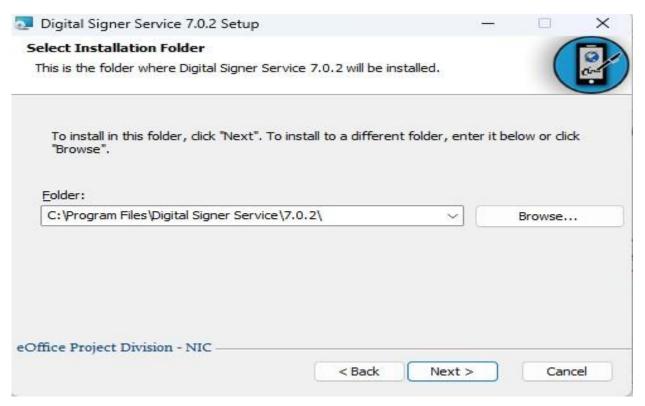
JDK 21 will receive updates under the NFTC, until September 2026, a year after the release of the next LTS. Subsequent JDK 21 updates will be licensed under the Java SE OTN License (OTN) and production use beyond the limited free grants of the OTN license will require a fee.

inux macOS Windows		
Product/file description	File size	Download
ARM64 Compressed Archive	186.07 MB	https://download.oracle.com/java/21/latest/jdk-21_linux-aarch64_bin.tar.gz (sha256)
ARM64 RPM Package	185.76 MB	https://download.oracle.com/java/21/latest/jdk-21_linux-aarch64_bin.rpm (sha256) (OL 9 GPG Key)
x64 Compressed Archive	187.89 MB	https://download.oracle.com/java/21/latest/jdk-21_linux-x64_bin.tar.gz (sha256)
x64 Debian Package	159.73 MB	https://download.oracle.com/java/21/latest/jdk-21_linux-x64_bin.deb (sha256)
x64 RPM Package	187.55 MB	https://download.oracle.com/java/21/latest/jdk-21_linux-x64_bin.rpm (sha256) (OL 9 GPG Key)

Documentation Download

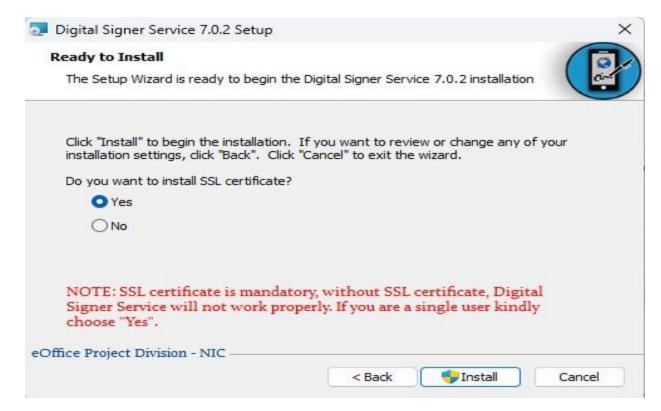
Screenshot 5

- 3. In case prior older versions of Java are installed on the system, the user should uninstall it and keep only the latest version.
- **Step 5:** On the Homepage, user should click on the link for the DSC Signer Service. Clicking on the link leads to download of a zip file.
- **Step 6:** The downloaded file has the latest version of the Signer Service i.e. v 7.0.2 Locate the DSC_Signer_Service v 7.0.2.exe file from downloaded bundle.
- **Step 7:** Double click required exe file to start the installation. Refer **Screenshot 6**.



Screenshot 6

Step 8: DSC Signer Service: License Agreement window appears, read the agreement and click I Agree button as shown in **Screenshot 7**.



Screenshot 7

Step 9: The process may take some time for the complete installation successfully as shown and click on finish **Screenshot 8.**



Screenshot 8

Step 11: Now, Double clicks the desktop icon "DSC Signer Service". The service will take few seconds to start. A message prompts "DCS Signer Service started successfully", as shown in **Screenshot 9**.



Screenshot 9

Step 12: In order to manually stop the DSC Signer Service Installer, double click on the DSC Signer Service pop-up window appears, click Stop DSC Signer Service as shown in **Screenshot 10**.



Screenshot 10

Important Note:

- 1. Only the latest version downloaded from NFRA1 website should be installed on the system.
- **2.** Any prior DSC Service Signer files should be uninstalled from the system.