Java and browser settings in System for configuring DSC for Emigrate Project

Recommended java version: java 7 update 67 32 bit

Recommended Browser: Mozilla Firefox 48/49 version 32 bit OR Internet Explorer version 11

A) How to check java version installed in your system?

1. Go to java folder in your system : C Drive → Program Files (x86) → java
2. Check the folder jre7 is available or not. If available
3. Go to java → jre7 → Bin.
   
   After that copy the system path. Example (C:\Program Files (x86)\Java\jre7\bin).
   
   If this folder is present, java is installed on the system.
   
   If this folder is not present, java is not installed on the system. Kindly install java 7 update 67.

B) How to check and set Environment variable

1. Go to System Properties (Right Click on This PC and select Properties).
   
   2. Click on Advanced System Setting on the left hand side menu bar.
3.. Go to advanced tab and select Environment Variable.
4. Please check variable “path”, if it exists in the list, press Edit button in the user variable section (not in the system variable section) and modify the variable value to C:\Program Files (x86)\Java\jre7\bin - Note - This value can be copied from step (A) (3) above and pasted here.

5. If variable “path” not present, click on New button in the user variable section (not in the system variable section) and enter the variable name as “path” and set the variable value to (C:\Program Files (x86)\Java\jre7\bin). Note - This value can be copied from step (A) (3) above and pasted here.

6. Press Ok then again ok and then apply button

C) Change the Java secury level to Medium

1. Go to Control Panel, Click on Java (32 bit) and goto Security Tab. Your java Security level must be Medium.
2. The Exception Site List must be blank. If it is not blank, Press Edit Site List and remove all websites listed here.
3. Now clear the Temporary Internet Files (cache). To do this, go to General Tab of Java Control Panel, click on Settings under Temporary Internet files section.
4. To clear Temporary files, click on “Delete files” button.
4. Please select 2 checkboxes as listed in the below screenshot and click on OK.

5. Go to Advanced Tab in the Java Control Panel, In Debugging section click on “Enable Logging”. After that you can Click on “Apply & OK.”
D) How to check Certificate file of DSC, required in case of DSCRevoked error is faced by the user.

1. Insert DSC in your system and open internet explorer
2. Go to Settings → Internet Options → Content → Certificates

If you get multiple entries for your certificate, remove all the extra entries (except related to your DSC which is presently valid) and plug-out your DSC and then plug-in the your DSC again.

Note- Please note that only one entry must be there for your DSC certificate.

E. How to use DSC after correcting/checking JAVA related settings mentioned above -use of Mozilla Firefox 48 version 32 bit is recommended. Below screenshot are taken using on Mozilla Firefox Browser.

1. Click on emigrate.gov.in
2. And click on Registered user login here

3. And select RA

4. You can see in below the screenshot, you can show upper right screen corner. Note: Please click on “Allow” button.
5. When you click on Allow button a new pop up screen on left screen corner will open. Select both option as “Allow and remember”.

6. When you click on “OK” button after that you can show DSC information in below the screenshot. Note: Please click on check box after that you can click on RUN button.
7. Please enter RA id and click on Login Button, after that you get below screenshot. Note: Click on “Allow” button.

Now enter the DSC Pin and press OK button.
E) How to check URL for CRL file - IF CRL file expired then use the below option to download the latest CRL file.

1. Insert DSC in your system and open internet explorer
2. Go to Settings → Internet Options → Content → Certificates → View → Details → In the list check for CRL Distribution Point and copy the value of URL and share the same to technical
3. Click on Certificate option and select the certificate and press View button.
4. Click the view button to copy the CRL file path from Details section -> CRL Distribution points (as given below in following screenshots for 2 separate DSCs)
General Issue - In case the user see the following screen during the use of DSC, user should click ‘Later’ option
Note: This process is valid on Mozilla Firefox 48/49 version 32 bit OR Internet Explorer version 11