

# *Running BANKS on Client Machine*



## User Manual

03 October 2019

Version #4

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## 1. Running BANKS on Client Machine

The required java version is 1.8 and you can follow the following steps to install it on the client.

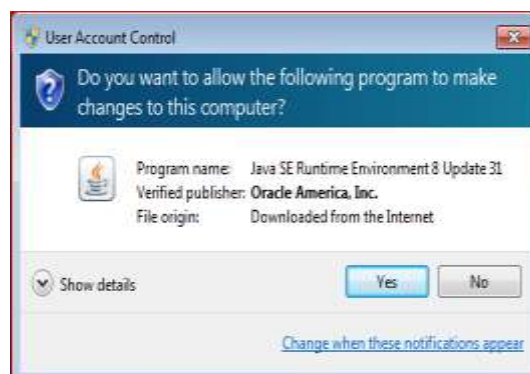
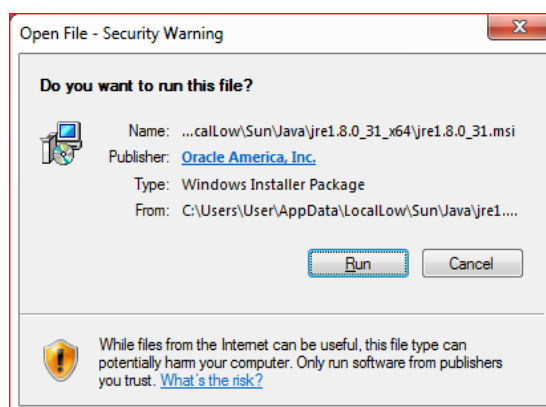
## 2. Pre-requirements

1. Java **1.8.xxx** is required.
2. Microsoft Windows (7 or 10) (32 or 64 Bit)
3. Microsoft Internet Explorer version 11.x
4. Turn off POPUP Blocker on the internet explorer.
5. Create the following directories: (If workflow implemented)
  - C:\DMS
  - C:\rep

{Full permissions should be granted for the logged-in users on the above folders}
6. Minimum 4 Giga Byte RAM memory.
7. Make sure to setup the Weblogic IP Address in BANKS application server file:  
`/u/oracle/bank/cli-conf/exceptionSites.properties`

### 2.1 Install Java Runtime Environment

Installed Java Runtime Environment





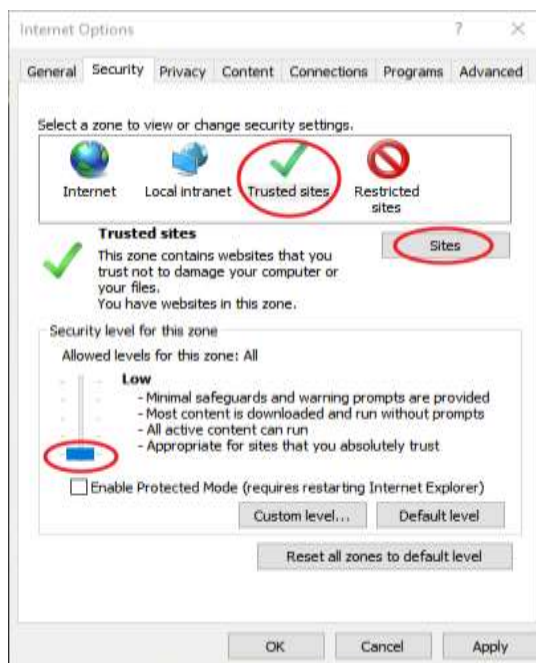


## 2.2 Enable Java Plug-ins on Internet Explorer

**Notes:**

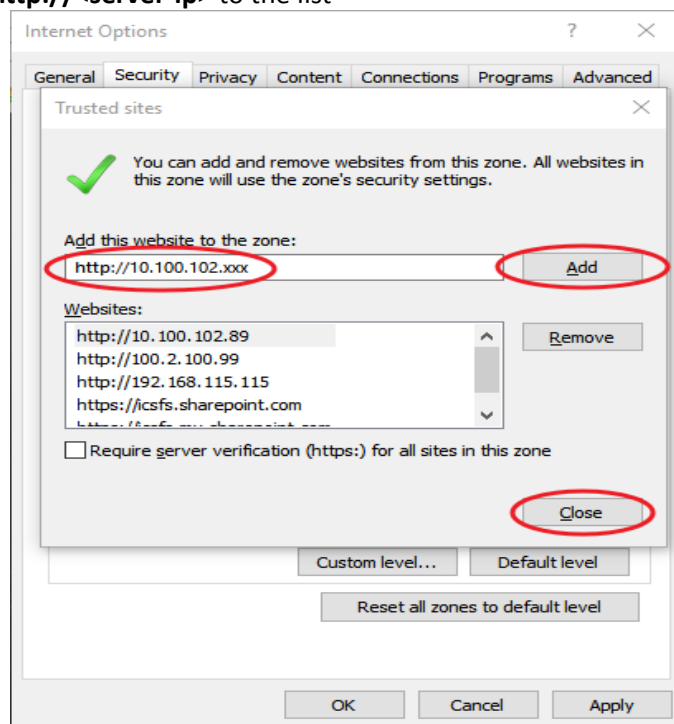
- Only Internet Explorer Version 11.xxx is supported.
- Google Chrome and Firefox are NOT supported.

1. Click Tools and then Internet Options
2. Select the Security tab
3. Select "Trusted sites".
4. Set "Security level for this zone" to Low

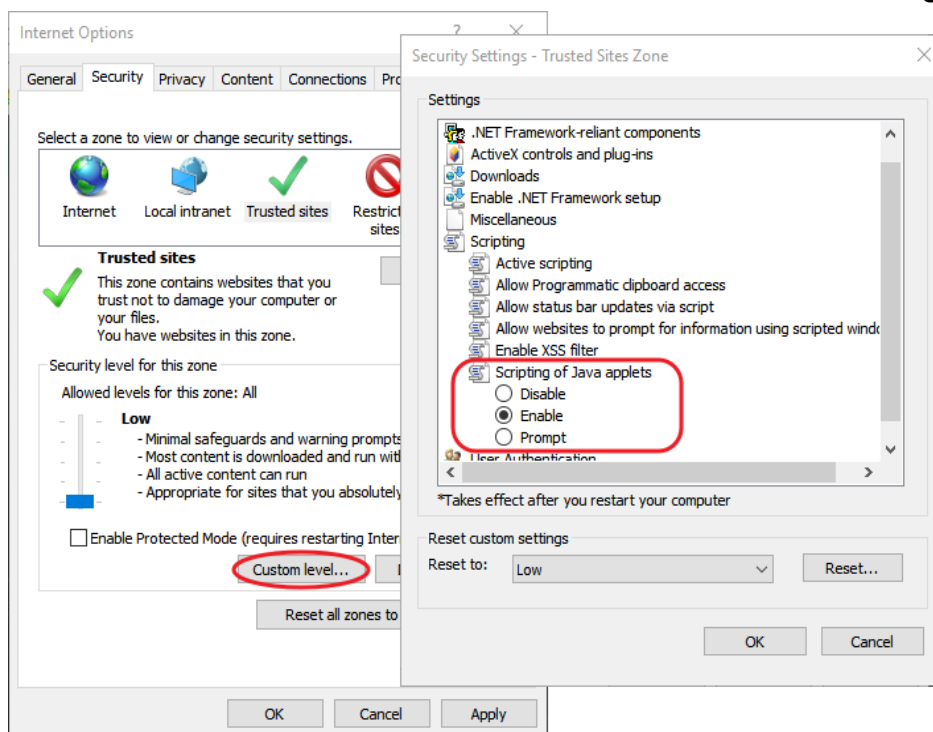


5. Click on "Sites"

6. Add BANKS URL **http://<server-ip>** to the list



7. Press OK  
8. Press on "Custom level..."  
9. Scroll down to Scripting of Java applets  
10. Make sure the Enable radio button is checked



11. Click OK to save your preference
12. Click OK to save the internet options.
13. Restart the Internet Explorer.

## Chrome

Not Supported.

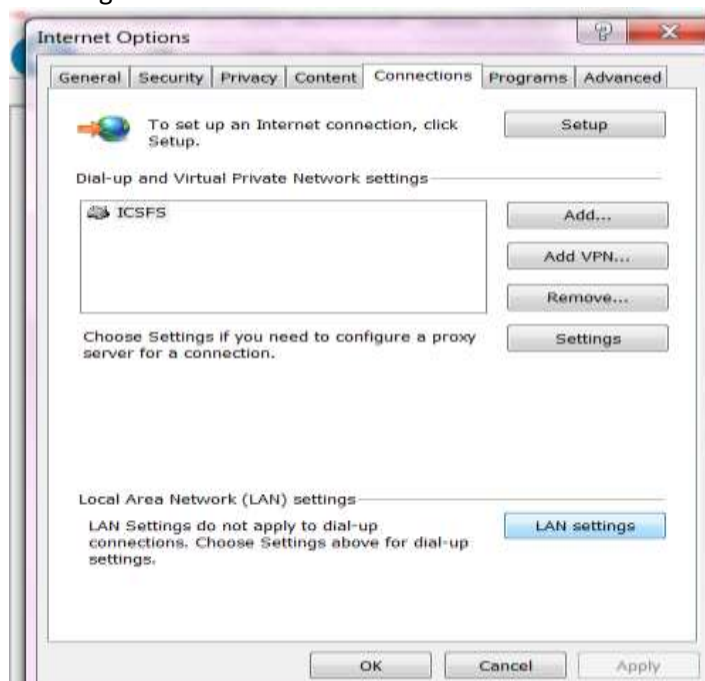
## Firefox

Not Supported.

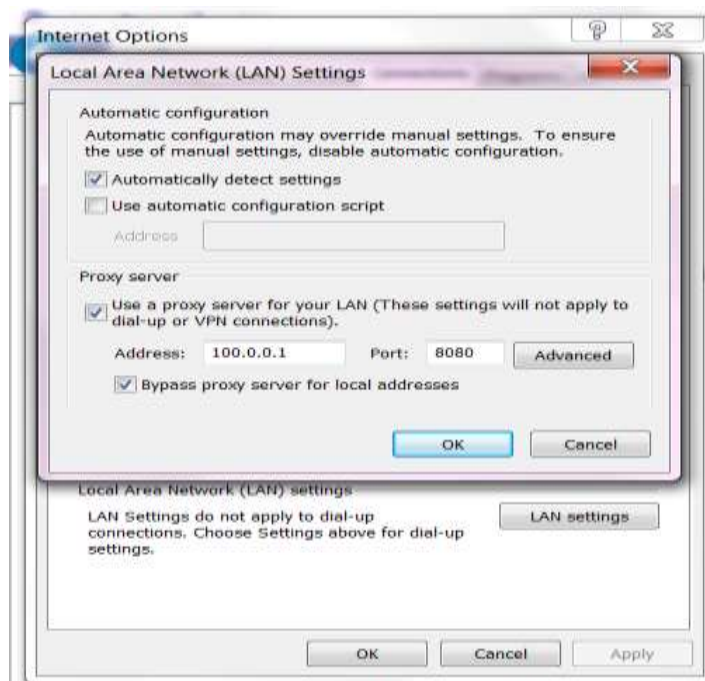


## 2.3 Add Application Server IP to Proxy Exception List

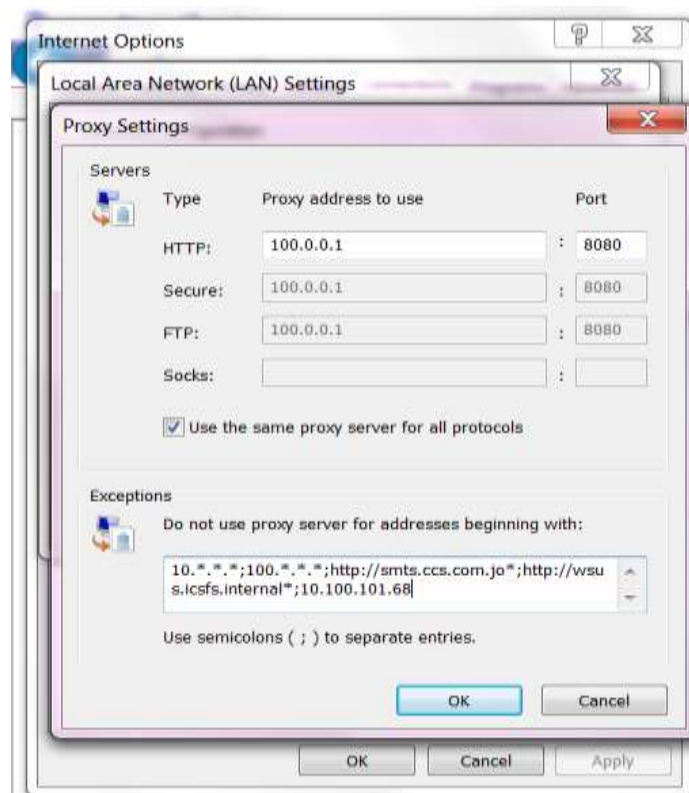
1. Click Tools and then Internet Options
2. Select the connections tab
3. Press on "LAN settings".



4. Press on "Advanced".



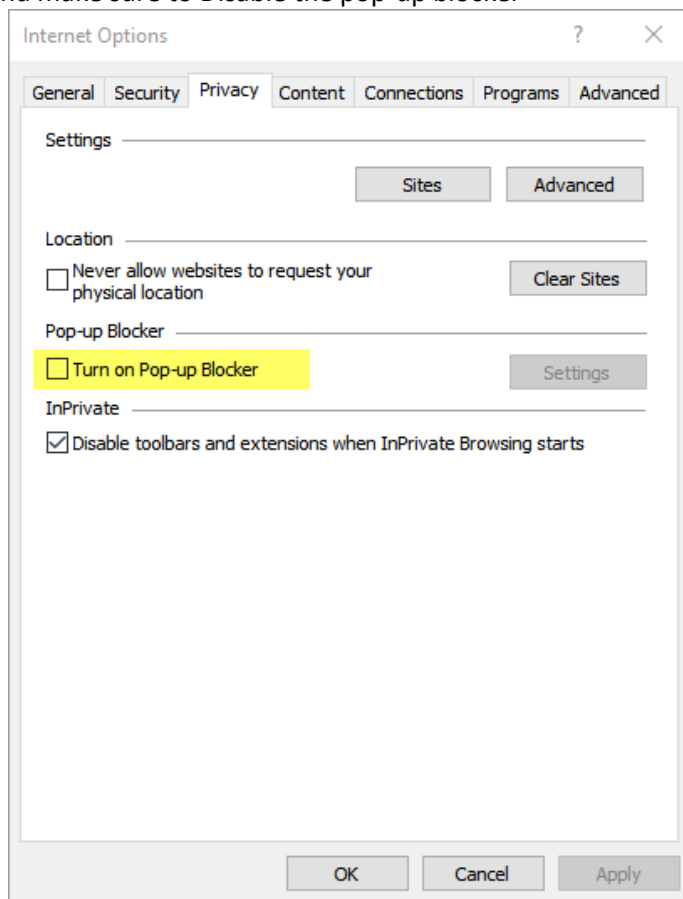
5. Add Server IP address to Exceptions.



6. Press OK

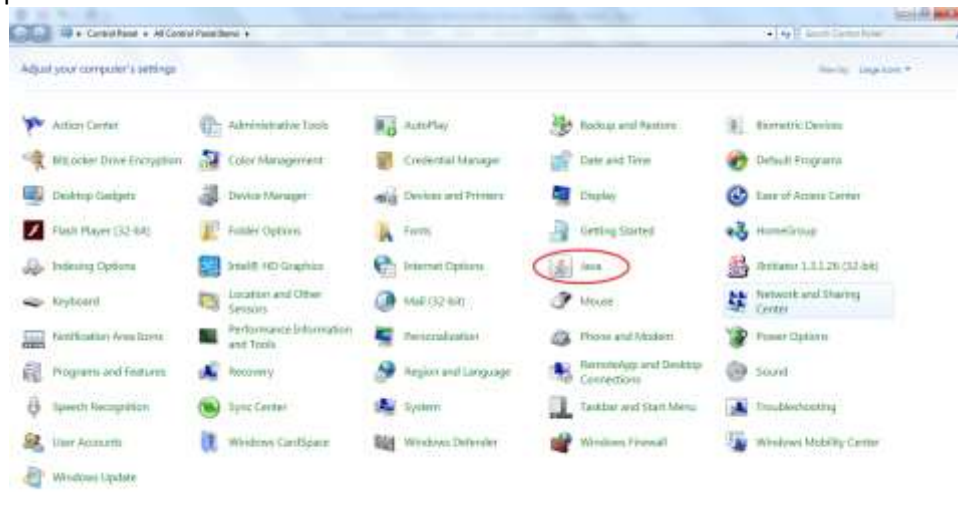
## 2.4 Disable Pop-up Blocker

1. Click Tools and then Internet Options
2. Go to "Privacy" and make sure to Disable the pop-up blocker

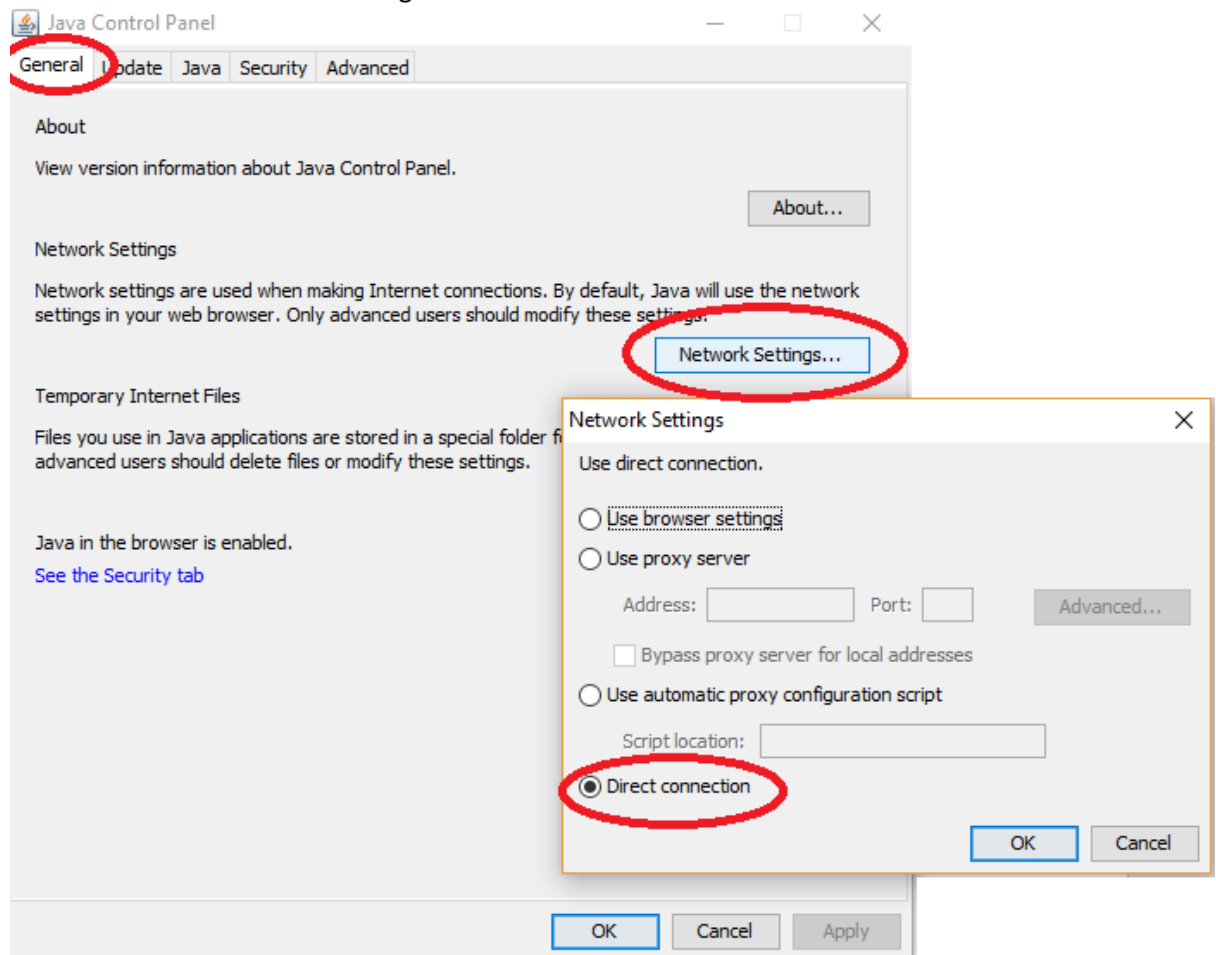


## 2.5 Add BANKS URL to Exception Sites

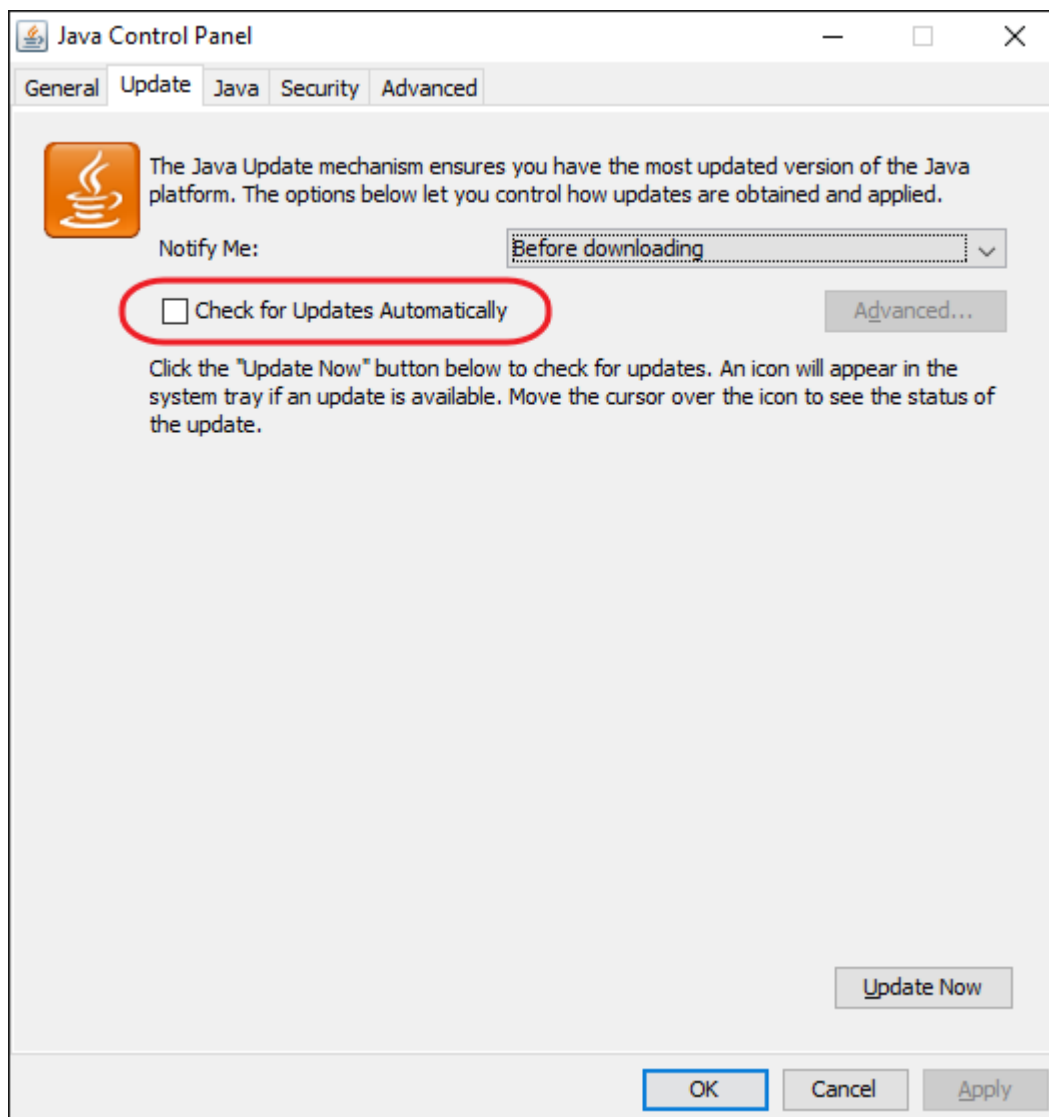
7. Go to Control Panel
8. Open Java Console



9. Go to General → Network Settings...



10. Go to Update → uncheck automatic update option...



11. Java → View...

Click on View.

On "Runtime Parameters" set the following value

**-Xms256M -Xmx1024M**

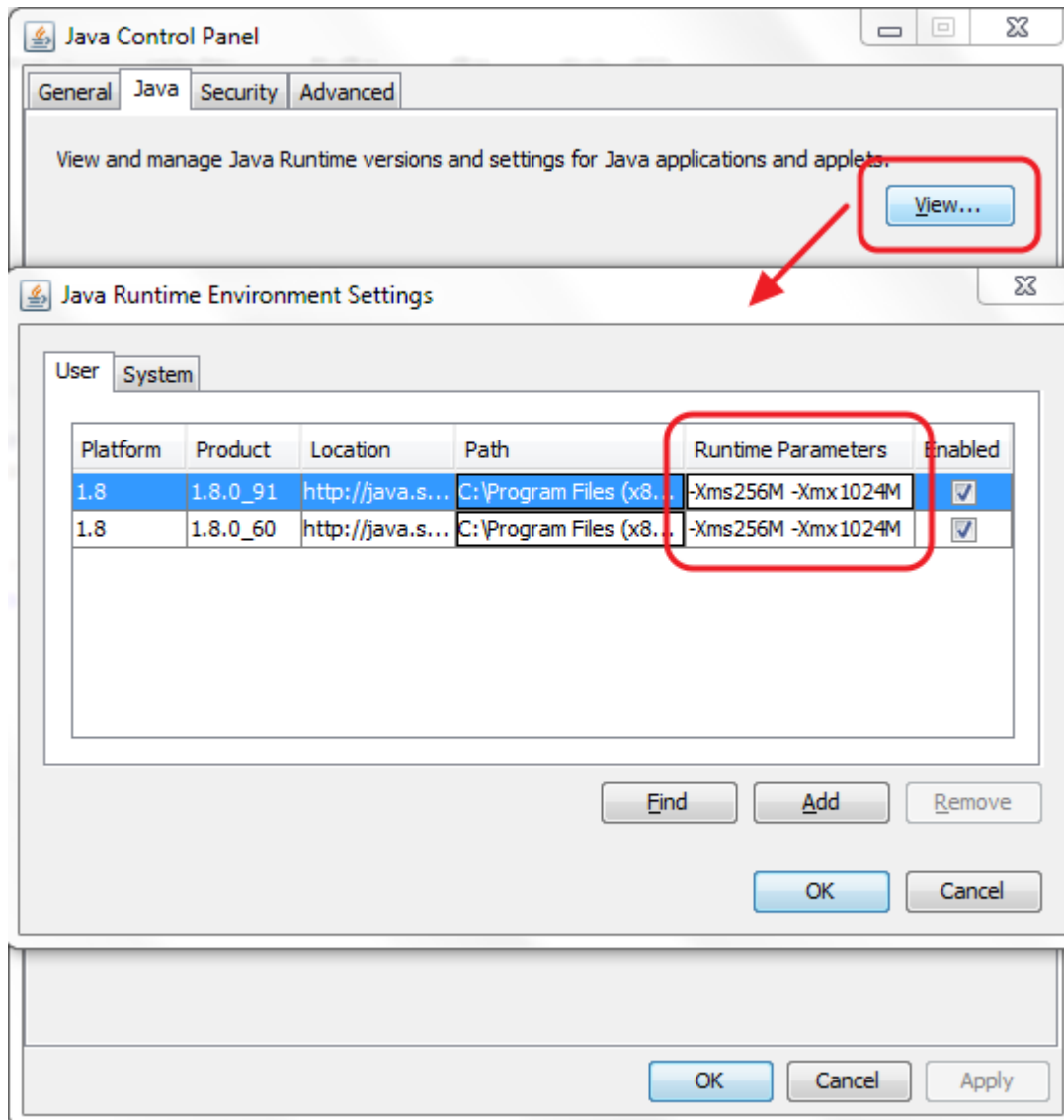
**For Citrix use the following**

**-Xmx300M** (If this PC is not using workflow system).

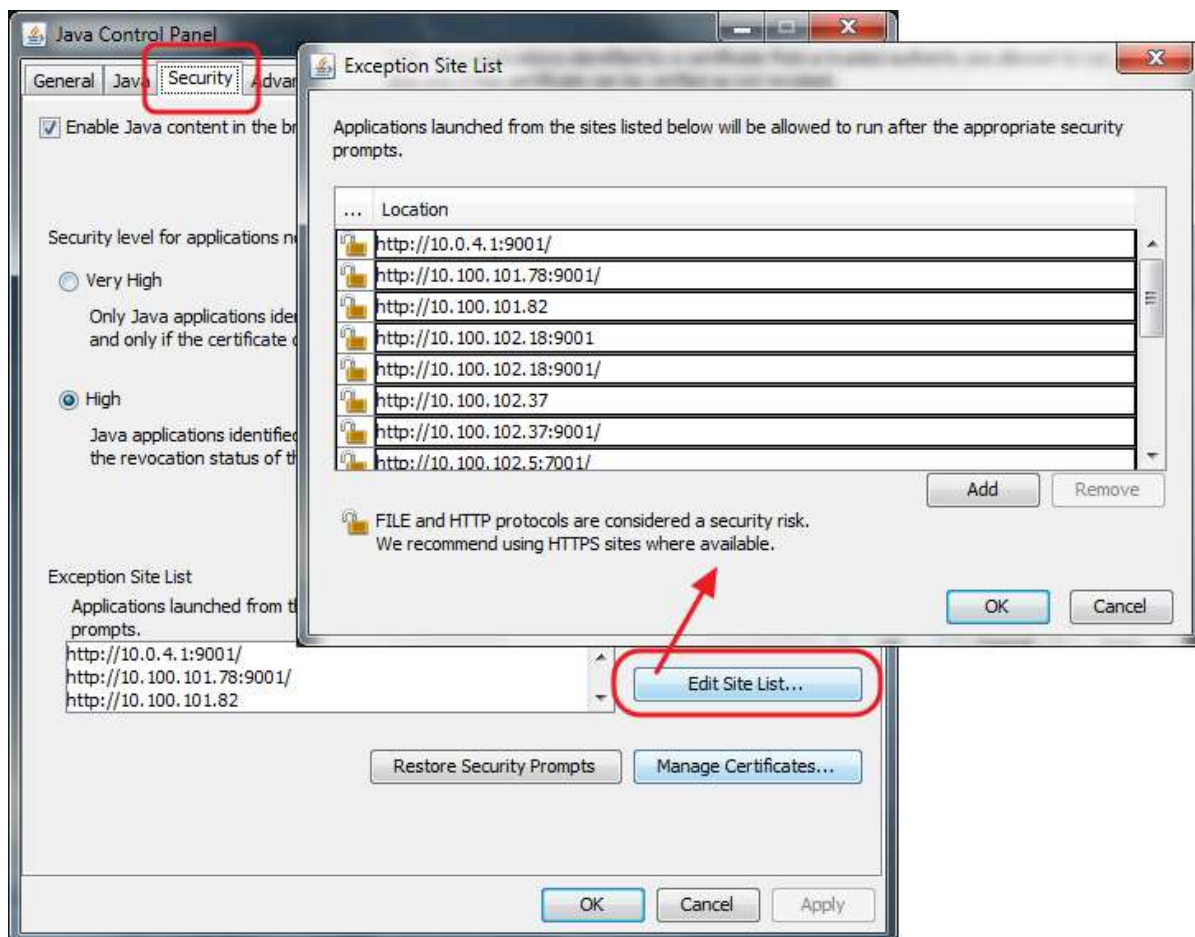
**-Xms150M -Xmx1024M** (If this PC is using workflow system).

In addition, make sure the **Hight=800 & width=600** properties inside **formsweb.cfg** file on the application server is updated.

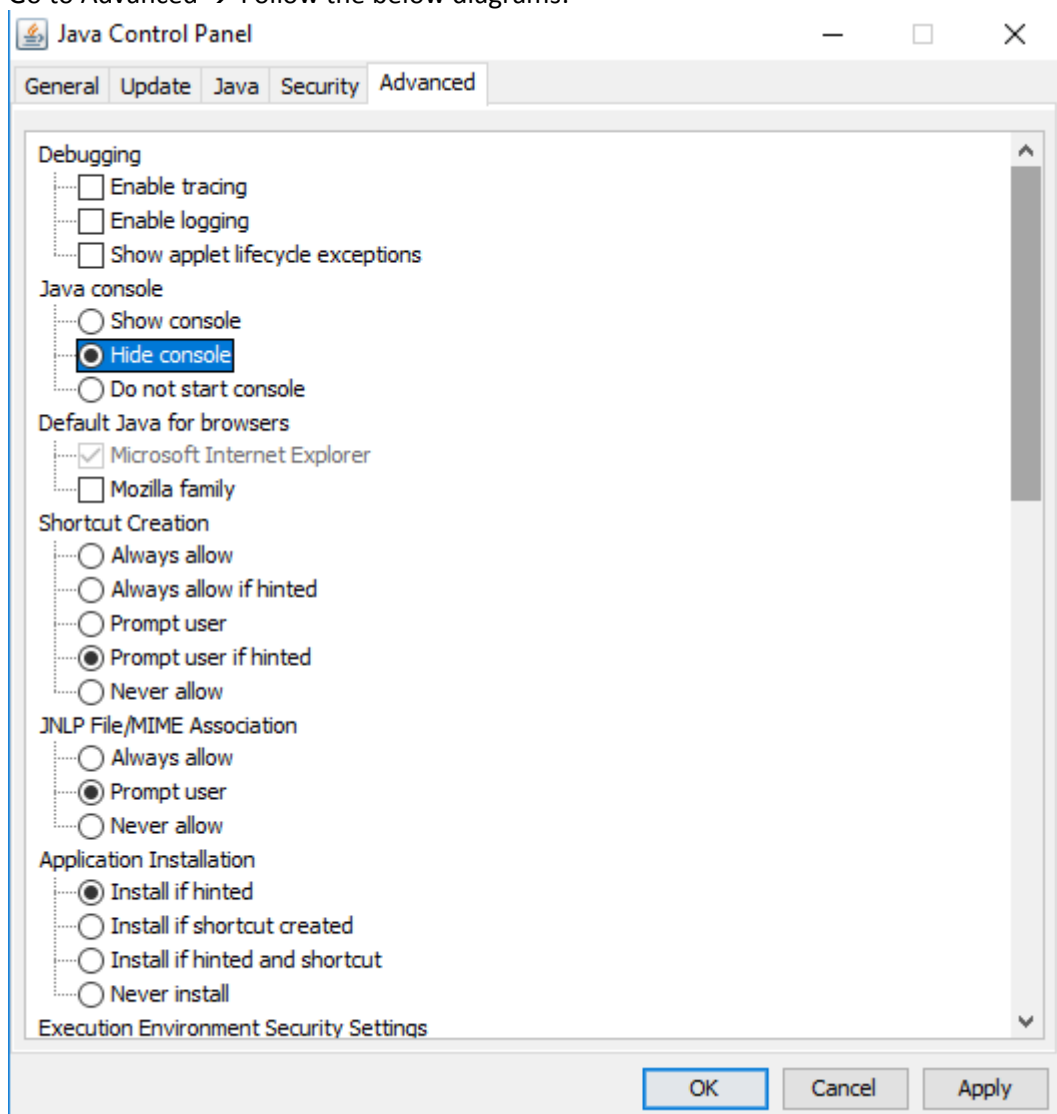
Click OK.



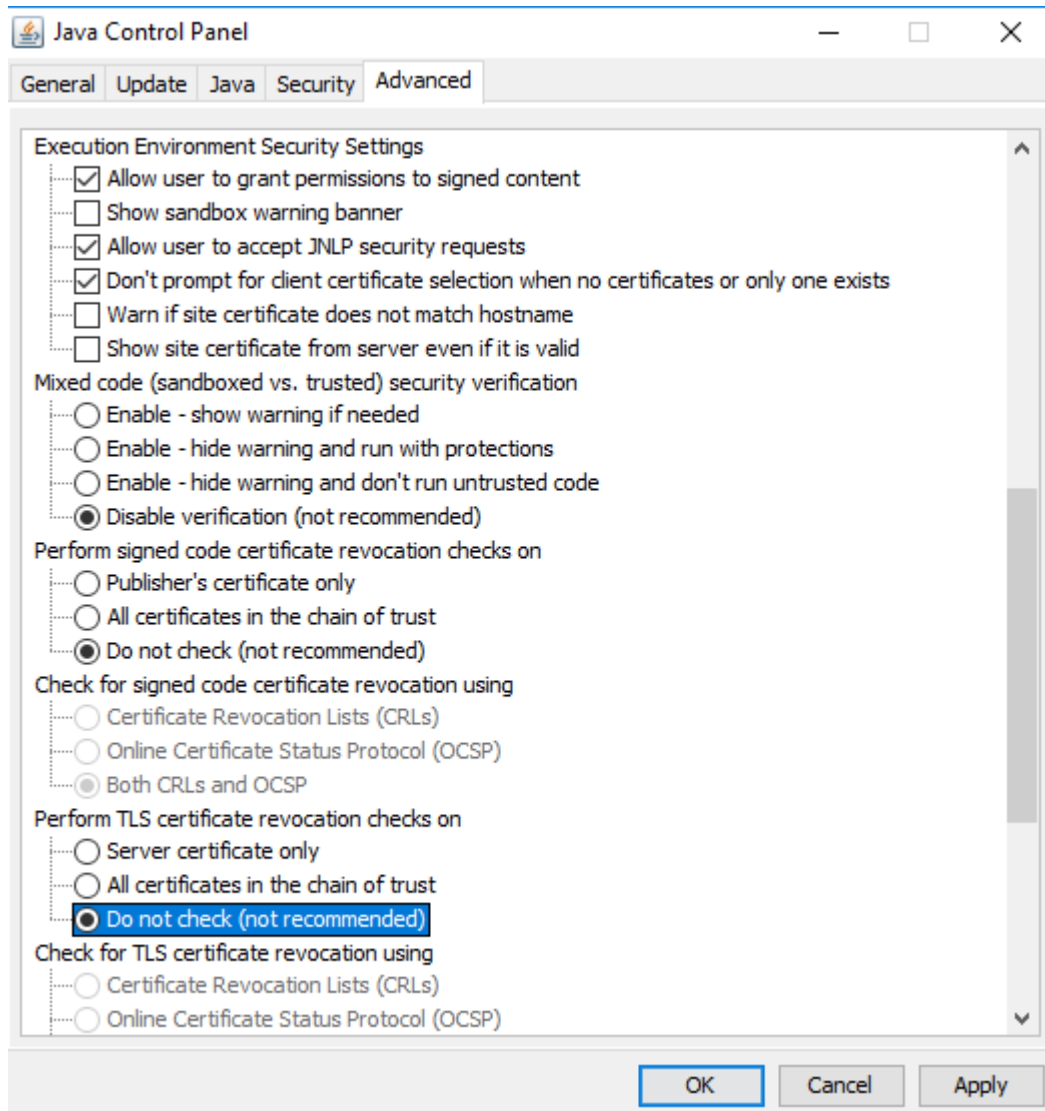
12. Go to security → Edit Site List...  
Press on Edit Site List.  
Press on Add  
Add the following application server's URLs  
http://<server-name/IP-address>:9001  
https://<server-name/IP-address>:9001  
Press OK.

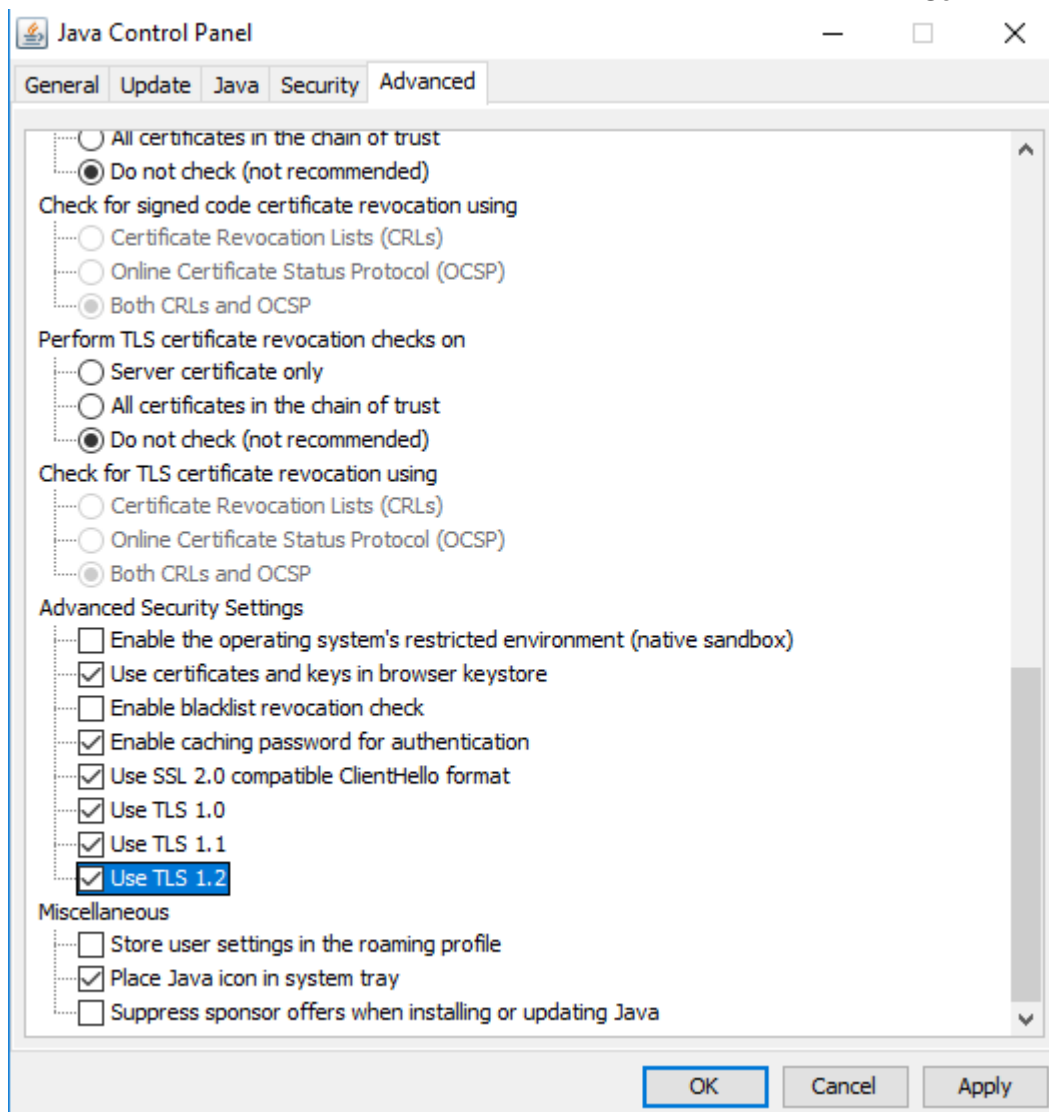


13. Go to Advanced → Follow the below diagrams:









## 2.6 Updating Java Security Policy

Note: If the installed Java version is higher than **1.8\_121** follow these steps:

1. Go to java installation directory.

Note:

Java Home usually is installed under

C:\Program Files (x86)\Java\jre1.8.0\_xxx\

OR

C:\Program Files\Java\jre1.8.0\_xxx\

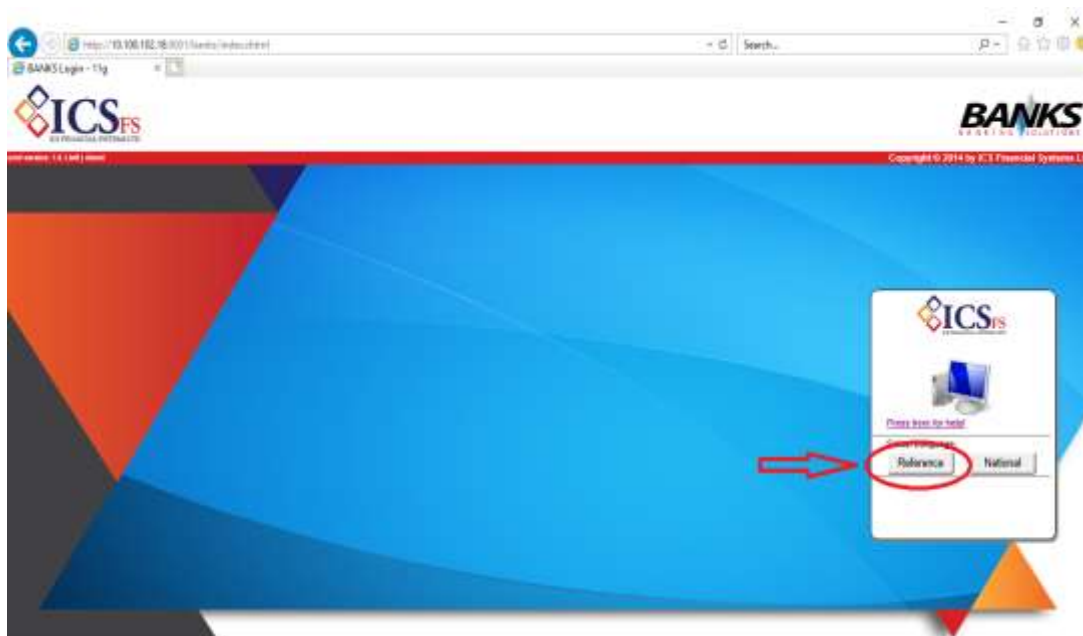
xxx: is java minor version.

2. Inside the installation directory go to \lib\security\
3. Open **java.policy** file
4. Add the following line at the end of the file (you may need Administrator privileges):  

```
grant {  
    .  
    .  
    .  
    permission java.security.AllPermission;  
};
```
5. Save and close.

## 2.7 Opening BANKS Application

1. Open the internet browser:
2. Go to URL **http://<server-name/IP-address>:9001/banks/**
3. Click “Reference” or “National” Buttons as follow:

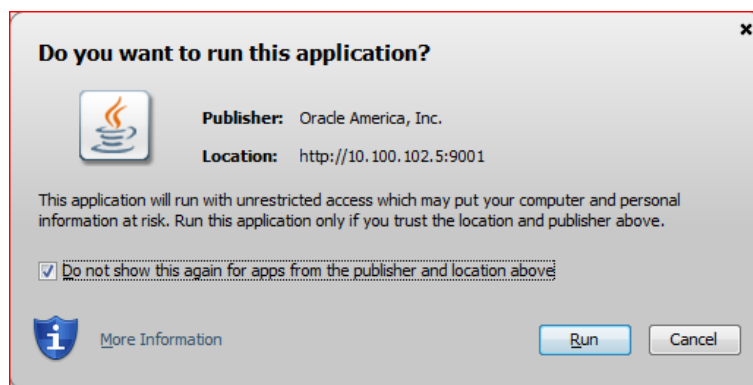


4. **If it's running for the first time**, warning messages will appear to accept the new Certificate. Check on “Do not show this again for apps from the publisher and location above”  
The press “Run”

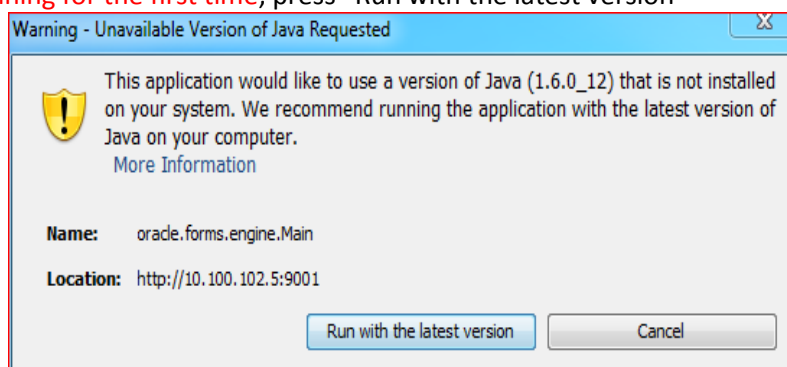


5. Press (Reference or National)

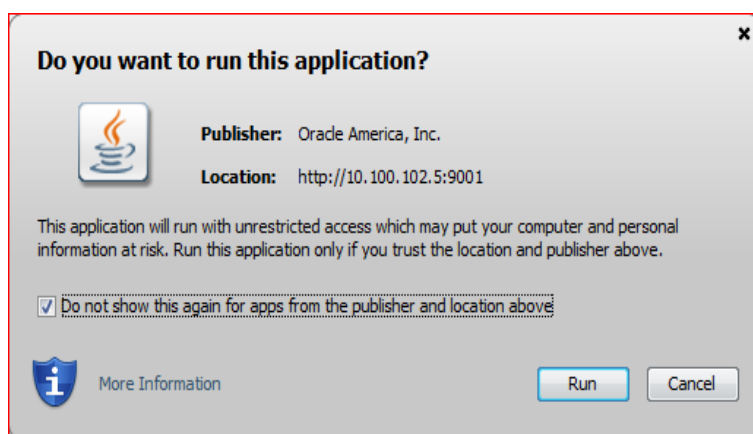
**If it's running for the first time**, warning messages will appear to accept the new Certificate. Check on “Do not show this again for apps from the publisher and location above”  
The press “Run”



6. If it's running for the first time, press "Run with the latest version"



7. If it's running for the first time, warning messages will appear to accept the new Certificate. Check on "Do not show this again for apps from the publisher and location above" The press "Run"



8. The main screen of BANKS will appear



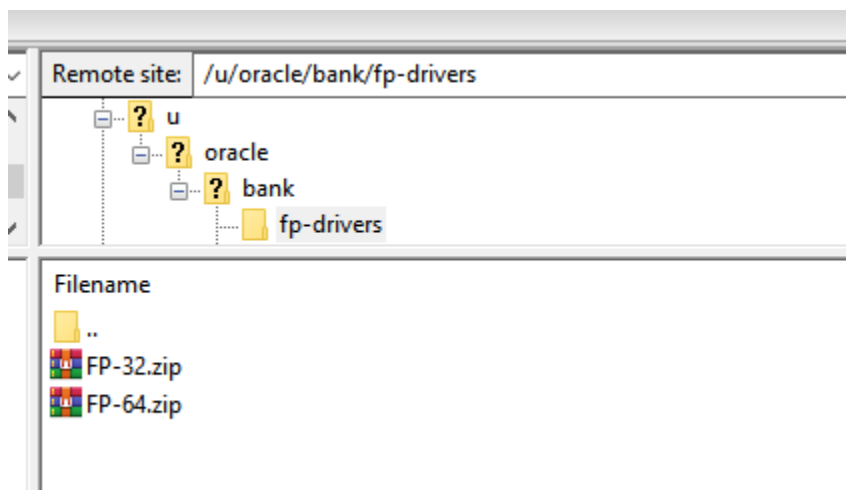
## 2.8 Installing Fingerprint Reader Drivers

**Note:** It's recommended to install the drivers using the Domain Server Control (if it's applied on the Bank).

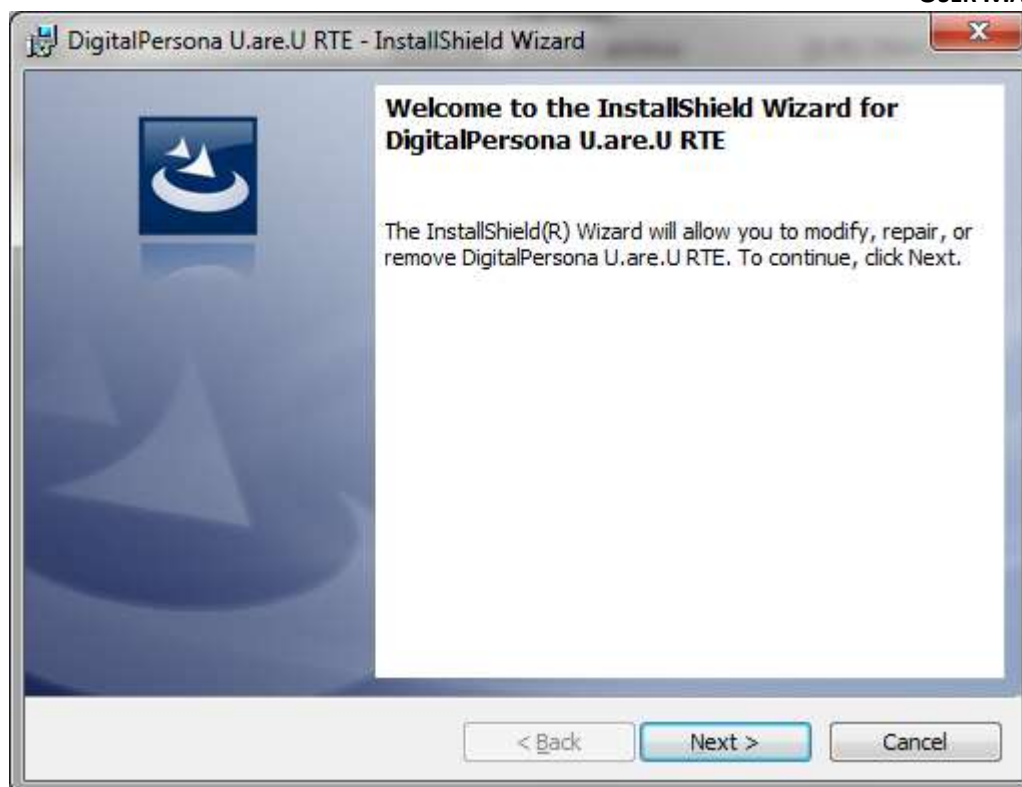
If the bank does not use the Domain Server Control to install the fingerprint drivers, follow the Manual Installation Steps.

### Manual Installation Steps

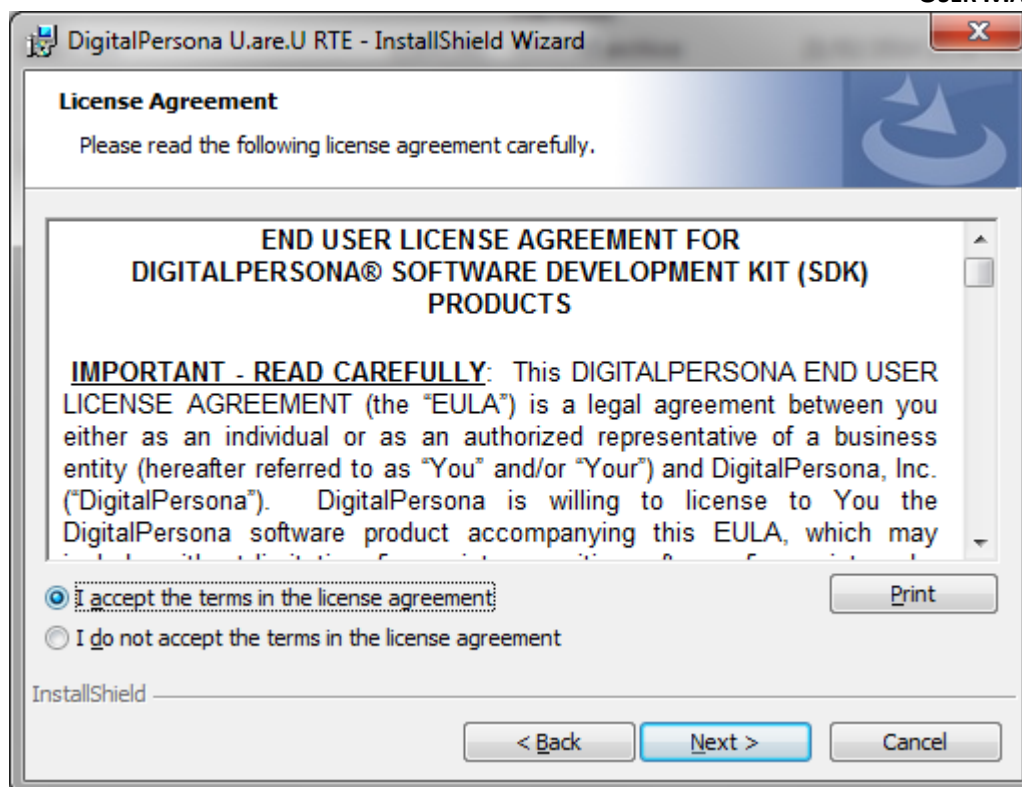
1. Connect to BANKS application server using (FileZilla)
2. Download Fingerprint Drivers for Window (32 or 64) bit based on the client Machine type (32/64) bit from directory /u/oracle/bank/fp-drivers

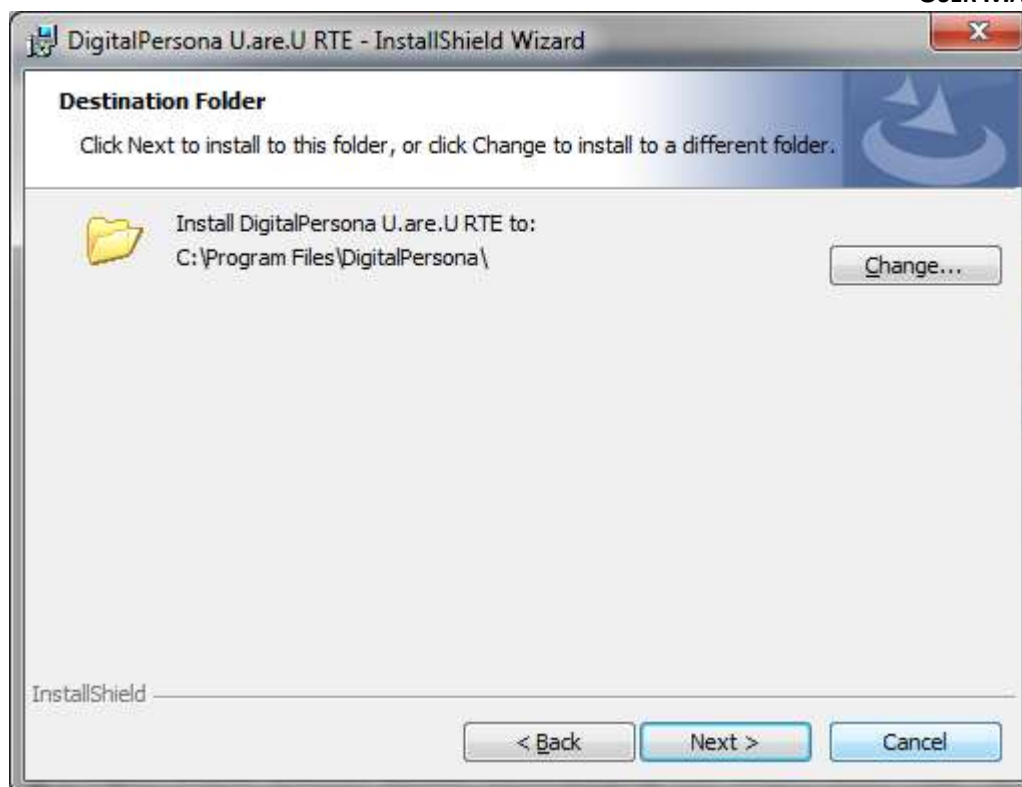


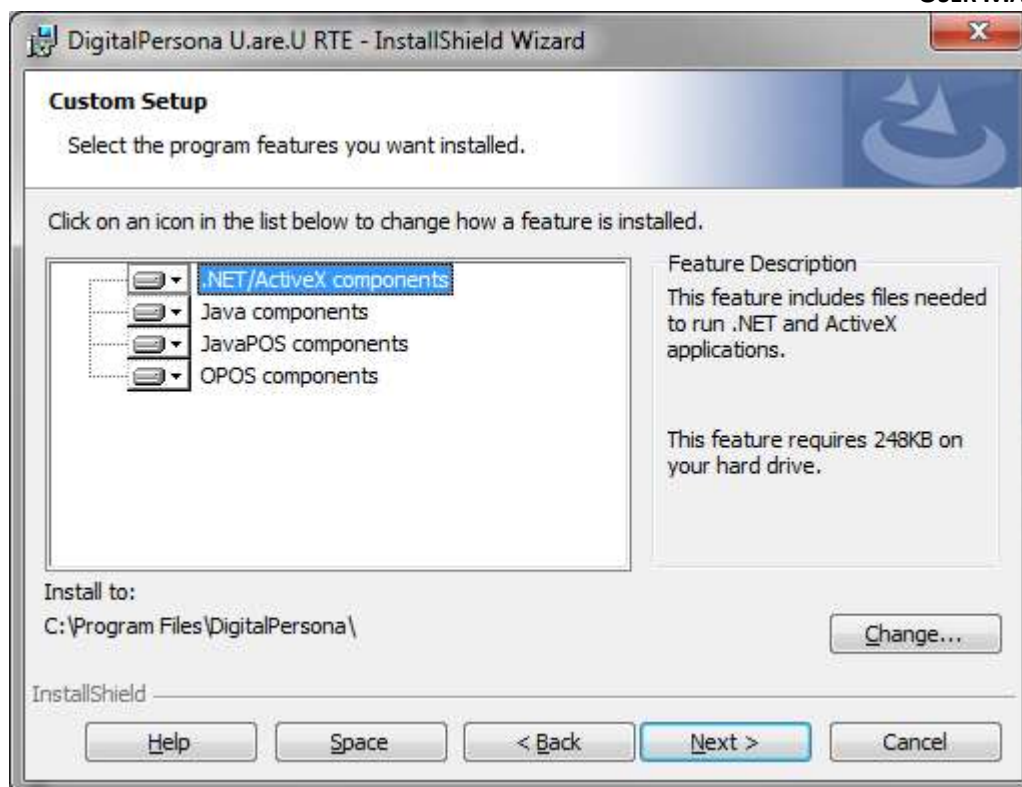
3. Extract the downloaded file into any temporary folder
4. Go to the extracted folder and run setup.exe file
5. Follow the setup instructions wizard as below:

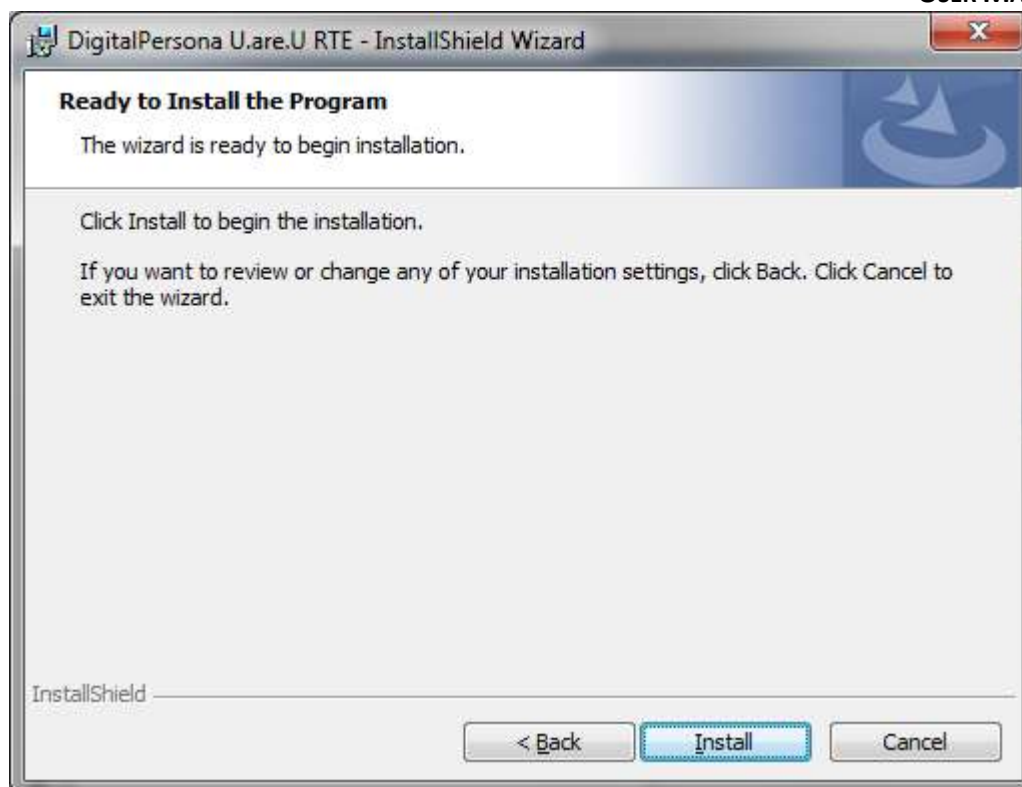


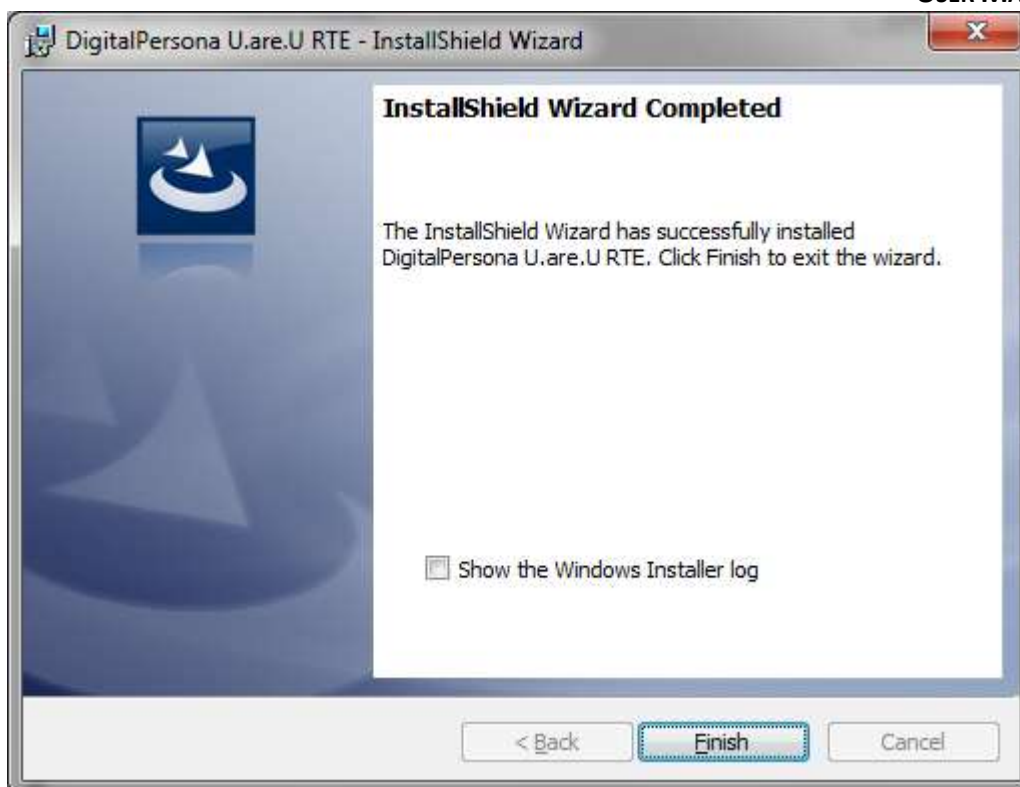












### 3. Document Update

VERSION	DATE	DESCRIPTION OF CHANGE
1	25/02/2018	Create user manual
2	25/04/2018	Add CITRIX modifications by MR. Ayman Shahrou
3	06/06/2018	Add the following note ‘ {Full permissions should be granted for the logged-in users on the above folders} to pre-requirements topic.
4	03/10/2019	Update Installing Fingerprint Reader Drivers by removing the download buttons from BANKS Homepage and replace it with manual installing Fingerprint Reader Drivers from BANKS application server.