MORPHO RD Service installation & https Configuration steps

Install RD Service:

Steps:

1. Open the Exe folder included with RD package.

2. Right click on exe and run as administrator.

1. Follow the instruction in setup wizard to complete the installation.

MSO Device Driver Installation:

1. After RD Service installation restart the system then Connect whitelisted Morpho biometric scanner to the system. After connecting the device to the system the device driver will be installed.
2. If device driver not installed then follow the below steps:
   A) Right click on Computer and click on **manage**.

   ![Computer Management Interface]

   B) Now click on **Device Manager** and check **Morpho Smart CBM**
   driver under **Universal Serial Bus Controllers**.
C) If the driver is present there with yellow warning sign then
Right click on the device driver icon -> click on Update Driver ->
“Browse My Computer for Driver Software” -> Let me Pick from a
list of device drivers on my computer -> Have Disk -> Browse -> go to
“C:\Morpho\MorphoSmart USB Driver” and select
"usbBioDriver.inf" in Driver search location and click on next for
completion of manual driver installation and restart the machine for
driver installation finalization.
After restart it should show as below in the Universal Serial Bus
Controllers in device manager:

```
Universal Serial Bus controllers
  Generic USB Hub
  Generic USB Hub
  Intel(R) 8 Series/C220 Series USB EHCI #1 - 8C26
  Intel(R) 8 Series/C220 Series USB EHCI #2 - 8C2D
  Intel(R) USB 3.0 eXtensible Host Controller
  Intel(R) USB 3.0 Root Hub
  MorphoSmart CBM
    USB Root Hub
    USB Root Hub
```
D) If the device driver is not showing under **Universal Serial Bus Controllers** then please check under **Other Devices** there will be driver icon of **Unknown Device**.
E) Right click on the **Unknown Device** icon -> click on Update Driver -> “Browse My Computer for Driver Software” -> Let me Pick from a list of device drivers on my computer -> Have Disk -> Browse -> go to “C:\Morpho\MorphoSmart USB Drive” and select "usbBioDriver.inf" in Driver search location and click on next for completion of manual driver installation and restart the machine for driver installation finalization.

After restart it should show as below in the Universal Serial Bus Controllers in device manager:

```
- Universal Serial Bus controllers
  - Generic USB Hub
  - Generic USB Hub
  - Intel(R) 8 Series/C220 Series USB EHCI #1 - 8C26
  - Intel(R) 8 Series/C220 Series USB EHCI #2 - 8C2D
  - Intel(R) USB 3.0 eXtensible Host Controller
  - Intel(R) USB 3.0 Root Hub
  - MorphoSmart CBM
  - USB Root Hub
  - USB Root Hub
```
MSO Device Registration:

1. After device driver installation the device need to be registered.

Note: After successful device registration please restart Morpho RD Service to get update from Management Server.

How to restart Morpho RD Service:

1. Click on start and type services.msc in RUN window.

2. Now in windows services go to MorphoRDService and restart it.
Https Configuration:

Change in host file:

1. Go to **C:\Windows\System32\drivers\etc**, copy hosts file on desktop and open it in notepad.
2. Now type Localhost IP i.e. (127.0.0.1) and certificate name i.e. (localhost) in host file like above and save it.
3. Make sure that **hosts** file name should not be like hosts.txt. To verify the same please follow below steps:

A) Open window explorer and then click on organize and then **click folder and search options**.
B) Click on **View**.
C) Now **uncheck the yellow marked boxes**, click on apply and then click OK.
4. Now rename hosts file and remove .txt from there.

5. Copy the hosts file from desktop, go to \Windows\System32\drivers\etc and replace the old hosts file from new one.
Https settings for Chrome browser:

1. Open google chrome browser and in address bar type https://127.0.0.1:11100 and follow below steps:

   A) Click on Advance.
B) Then click *Proceed to 127.0.0.1 (unsafe).*
C) Now in address bar type `chrome://flags` then press Ctrl+F button and in search box type `insecure` then click on enable to **Allow invalid certificates for resources loaded from localhost**.
Https settings for Internet Explorer:

1. Open Internet Explorer and follow below steps:
   A) Click on tools and then click on internet options.
B) Click on **security**.
C) Click on **custom level**
D) Go to miscellaneous and enable access data source across domains and click OK.
E) Now click on **Advanced** tab and check whether **TLS 1.2** is enable or not. If not then enable the same and click on **Apply** and then click **OK**.