



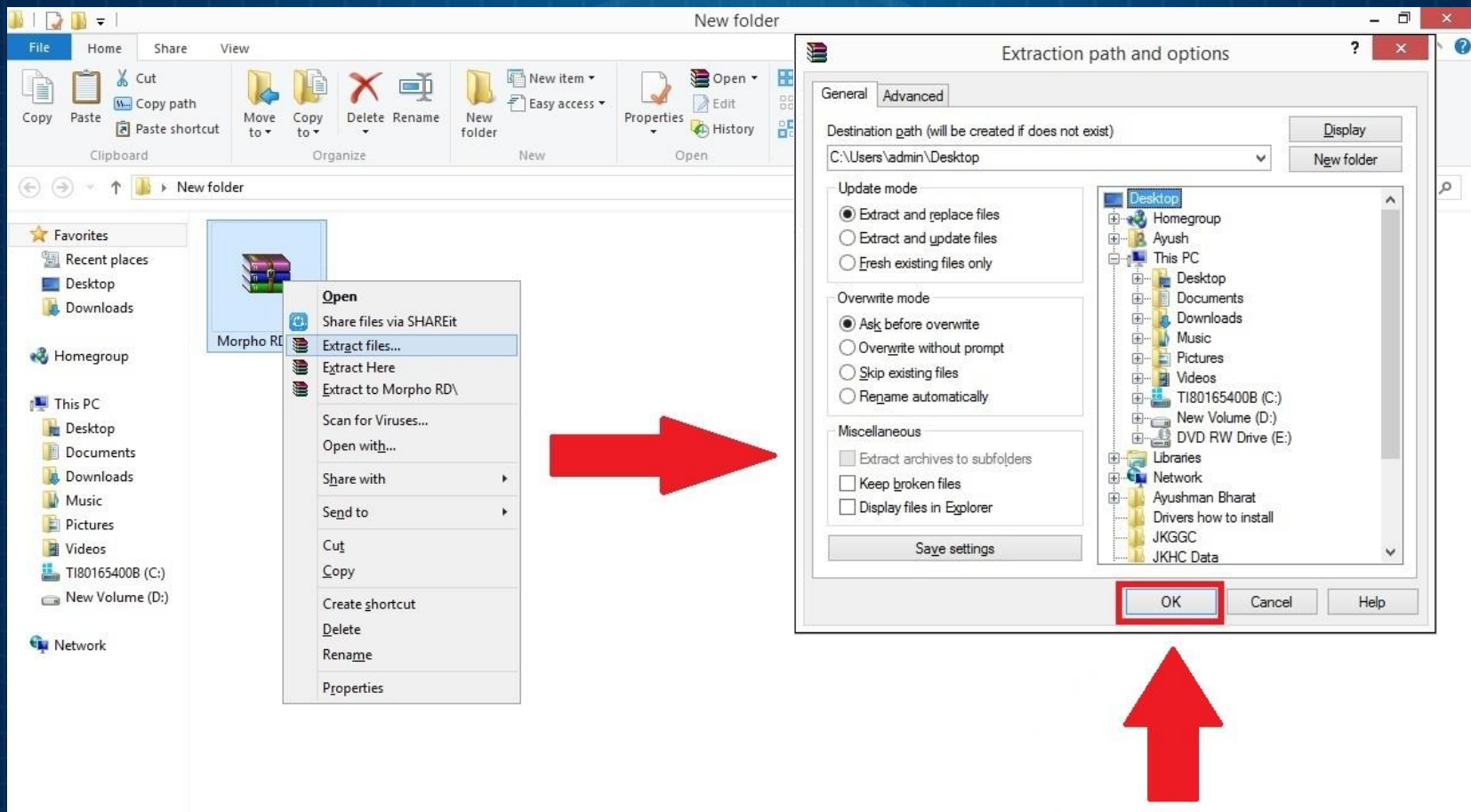
How to install Morpho RD Services & https Configuration steps

Checklist

- Morpho Device 1300 Series
- Laptop/Desktop
- Active Internet Connection

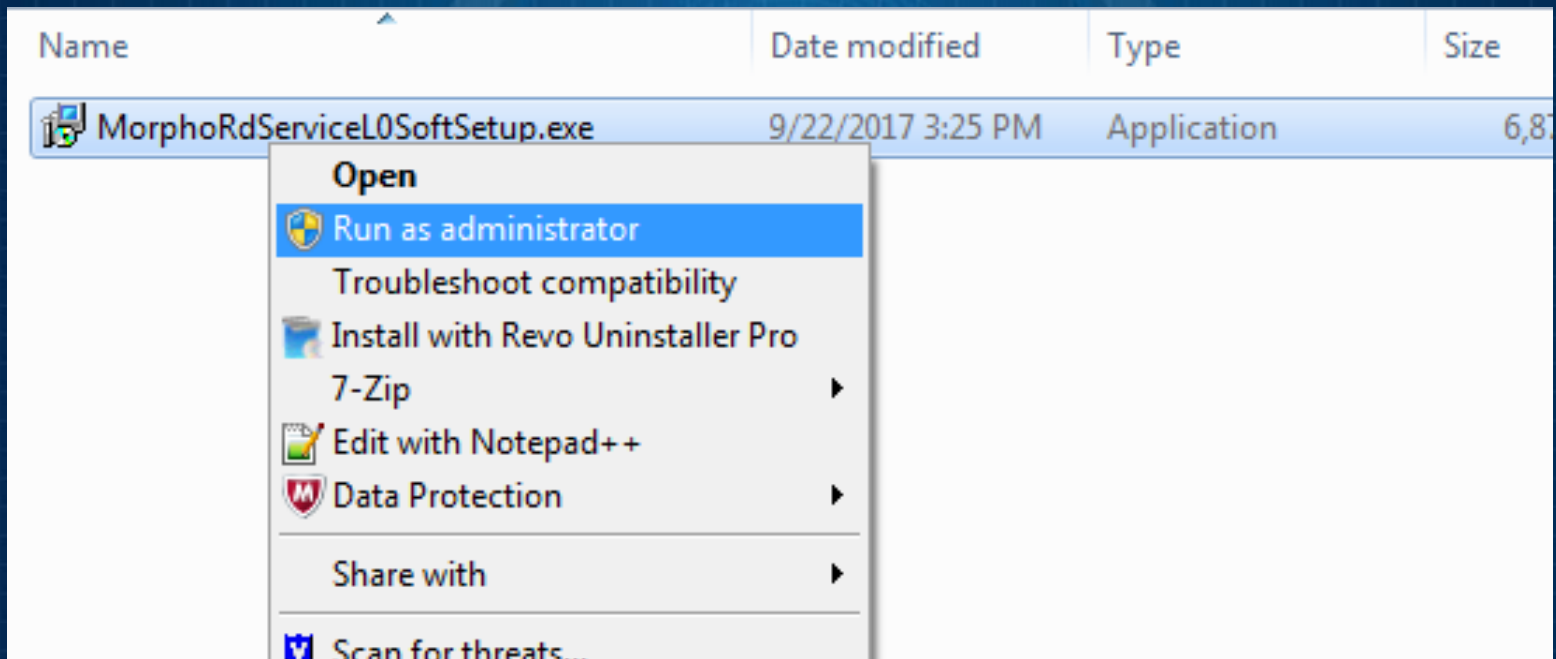
From where to get the drivers & how to extract?

- Click [here](#) to download the drivers.
- After downloading the file extract the file as showing in picture.



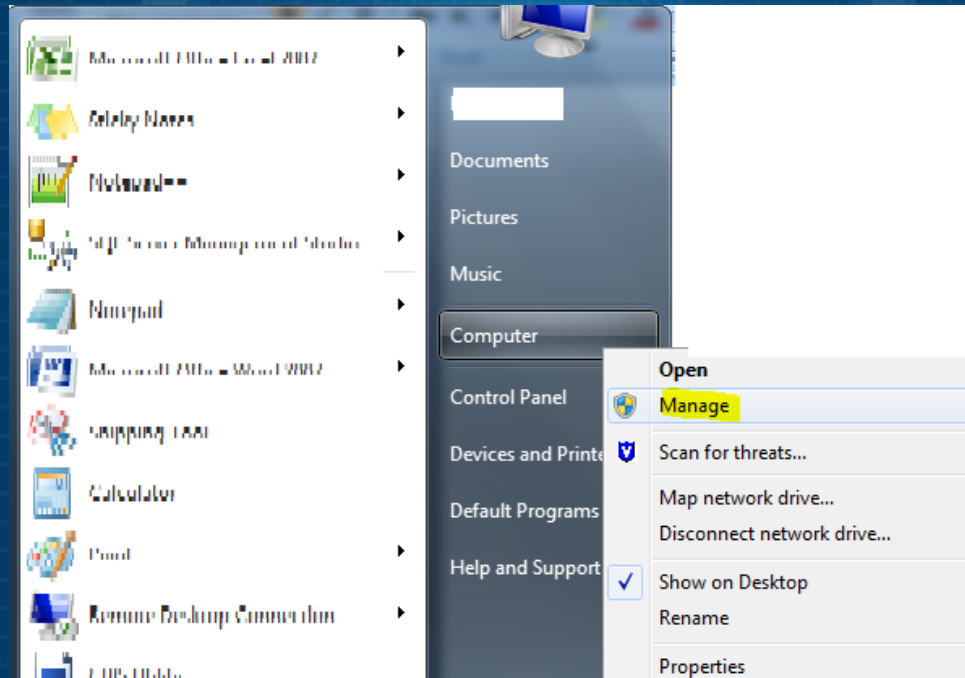
How to install drivers?

- Open extracted folder "Morpho RD"
- Go to "Morpho_RD_2.0.1.15" Folder → open "EXE" folder
- Right click on exe and run as administrator.
- Follow the instruction in setup wizard to complete the installation



MSO Device Driver Installation:

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



MSO Device Driver Installation:

B) Now click on **Device Manager** and check **Morpho Smart CBM**

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:

MISO Device Driver Installation:

- 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 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:

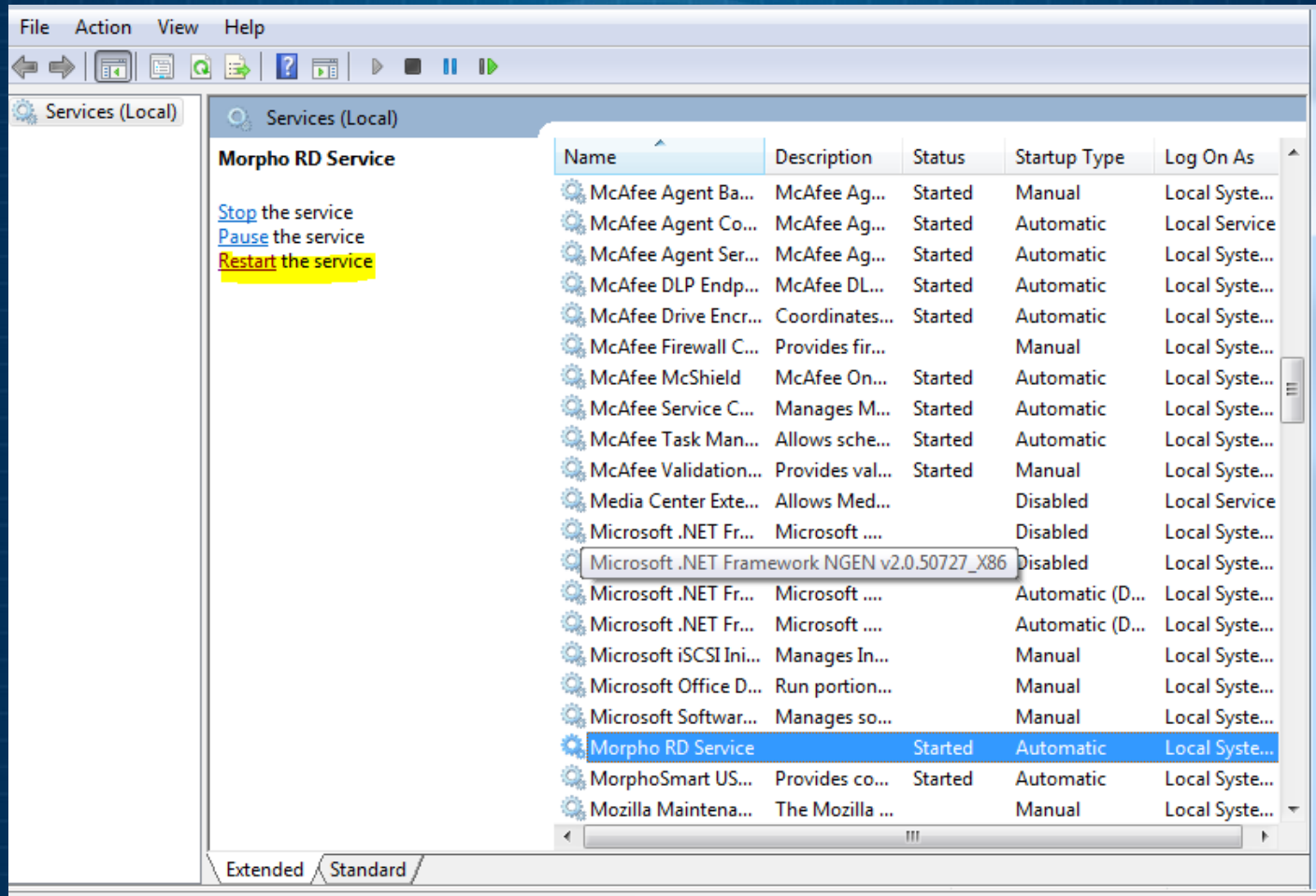
MSO Device Registration:

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:







- Click on Start button and type **services.msc** in **RUN** window.
- Now in windows services go to MorphoRDService and restart it.



Copy Server Certificate and Key:

- Go to Extracted folder – Morpho RD – Production – Copy **"ConfigSettings.ini"** , **"server.crt"** & **"server.key"**.
- Now copy these files in :

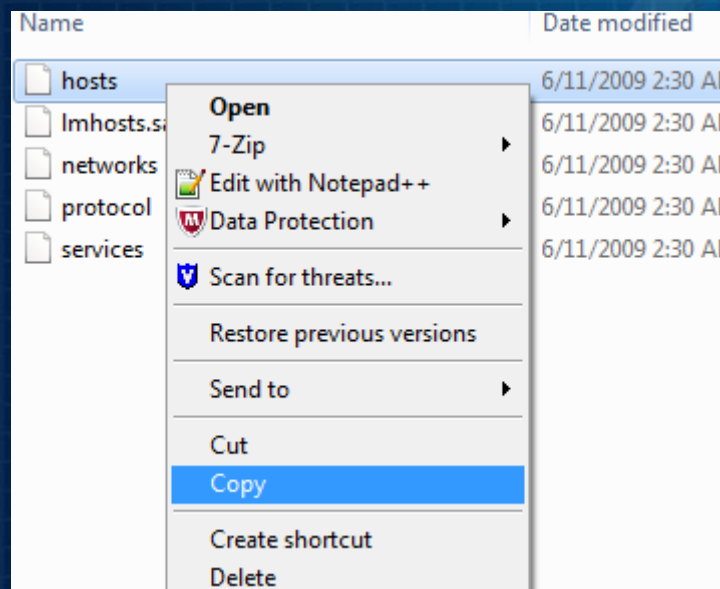
My Computer – C Drive – MorphoRdServiceL0Soft – Copy and Replace the files here.

Name	Date modified	Type	Size
 ConfigSettings.ini	26-09-2018 15:39	Configuration sett...	1 KB
 hosts	26-09-2018 15:40	File	1 KB
 Morpho_API.dll	01-11-2017 16:07	Application extens...	152 KB
 MSO100.dll	16-03-2017 04:24	Application extens...	135 KB
 server.crt	17-10-2017 12:17	Security Certificate	2 KB
 server.key	17-10-2017 12:17	KEY File	4 KB

Https Configuration:

Change in host file:

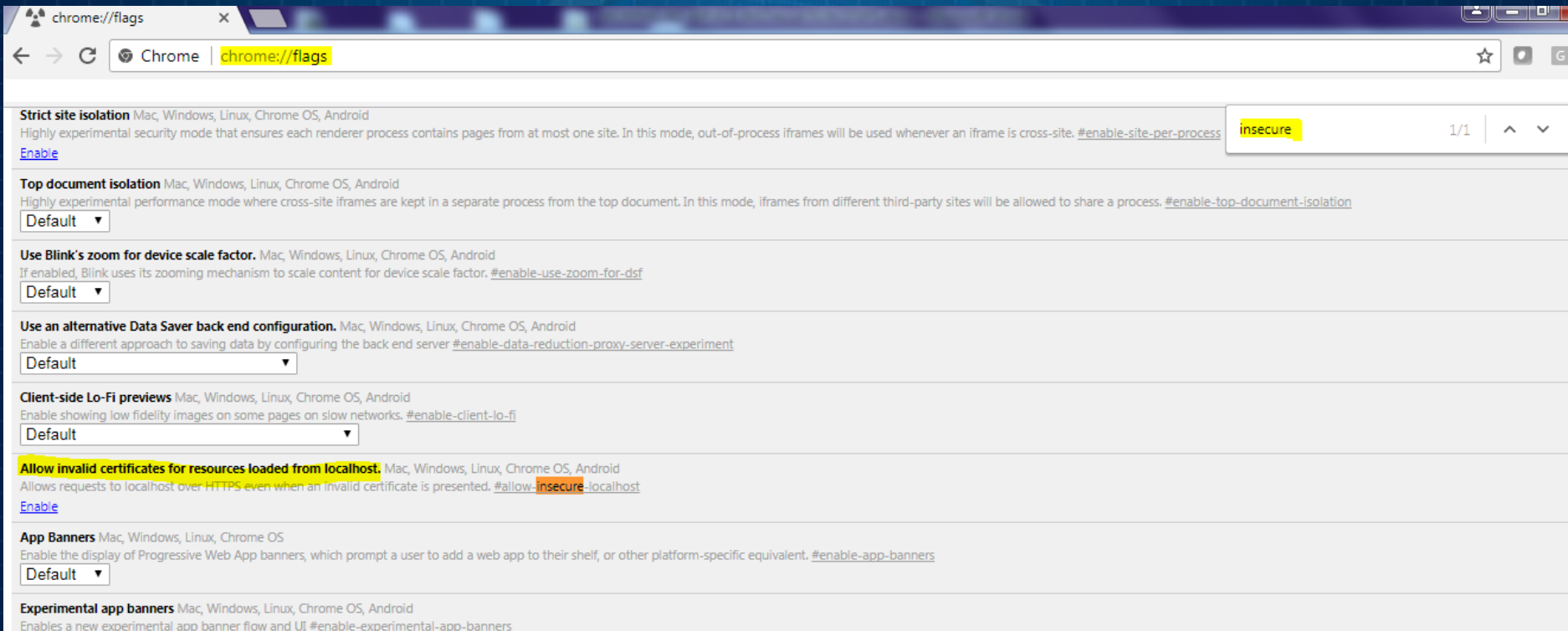
- Go to **C:\Windows\System32\drivers\etc**, copy hosts file on **desktop** and open it in notepad.



```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com           # source server
#       38.25.63.10      x.acme.com             # x client host
#
# localhost name resolution is handled within DNS itself.
#   127.0.0.1       localhost
#   ::1             localhost
#   127.0.0.1       localhost
```

Https settings for Chrome browser:

- 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”**.





Thank you

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