XenMobile Secure Apps Branding Tools

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Version: 1.0

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1. Summary

1.1 Document Control

Document Name	XenMobile Secure App Branding Tools
Document Version	1.0
Document Version Date	29/06/2017
Author	Arnaud Pain
Classification	Final

1.2 Version history

Version	Date	Author	Summary
1.0	06/06/2017	Arnaud Pain	Initial Creation

2. Purpose of the tools

Note: as today, the tools are only available for iOS and for Secure Mail and Secure Web.

I created those tools to facilitate the modification of the Citrix Secure Apps: Secure Mail and Secure Web.

2.1 Why doing that?

In fact, I was asked by a customer who do not really like the Purple Theme of the Secure Apps if it was possible to modify the icon.

2.2 How does it work?

On launch, the tools create a temporary folder on your C:\ drive and download from Internet a specific file which is needed to rename the Apps.

After, you will be asked to provide some information:

- New Name of the App
- Source Image File (for Launch screen)
- Source Image File (for Word Mark)
- Source Image File (for the Icon)
- Source File (IPA file)
- Name for the destination folder

3. Run the tool

3.1 Prerequisite

On this first version, an Internet connection is needed to run the tools.

In fact, an encrypted XML file: info.plist need to be modified and to facilitate the process as I don't have enough knowledge to modify the encrypted file, I created a ZIP file containing the unencrypted version of those files.

On the first launch of the tools:

1. A directory will be created: C:\Temporary
2. The ZIP File will be download from Internet (in fact on my blog)

3.2 Download the tools

The tools are available from my blog at the following url:

For Secure Web: here

For Secure Mail: here

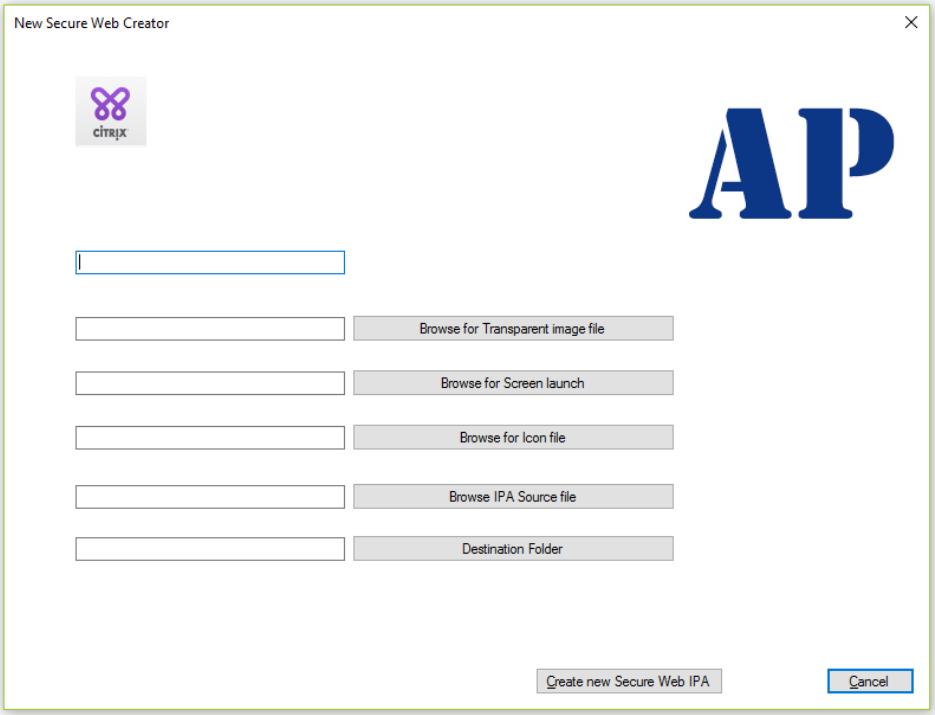
You will download ZIP file that need to be extracted, as result you will have EXE files:

New Secure Web Creator.exe

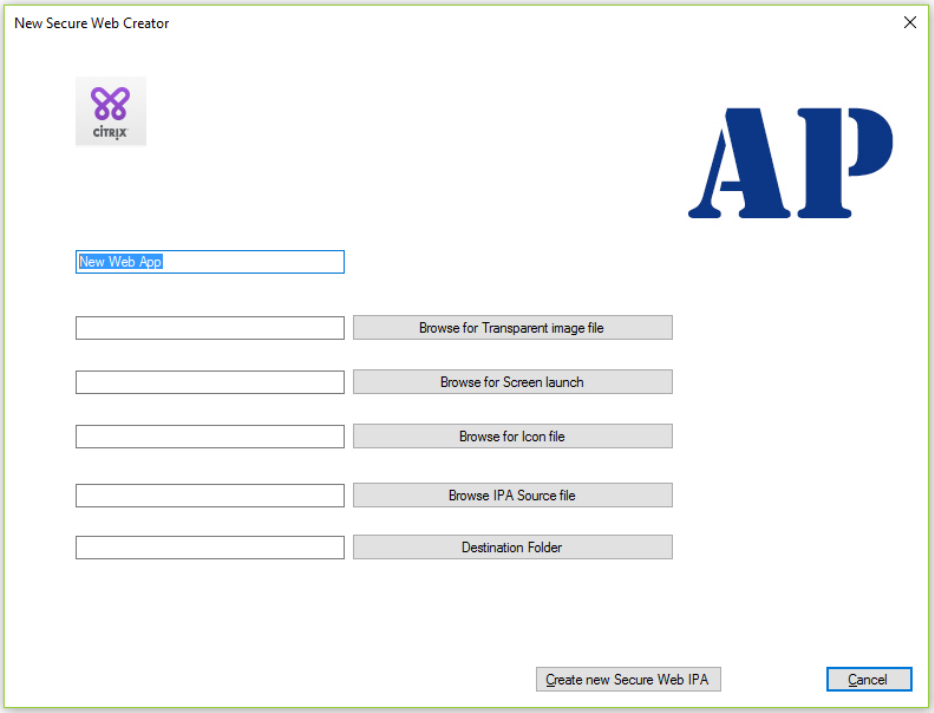
New Secure Mail Creator.exe

3.3 Let's go with Secure Web

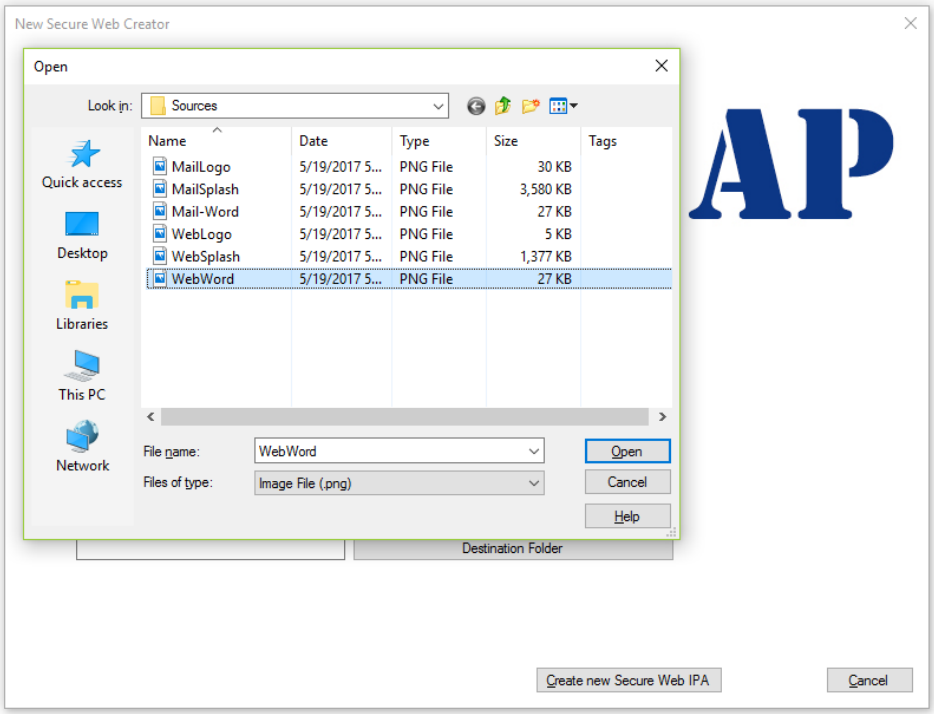
1. Double click on , the following window will appear



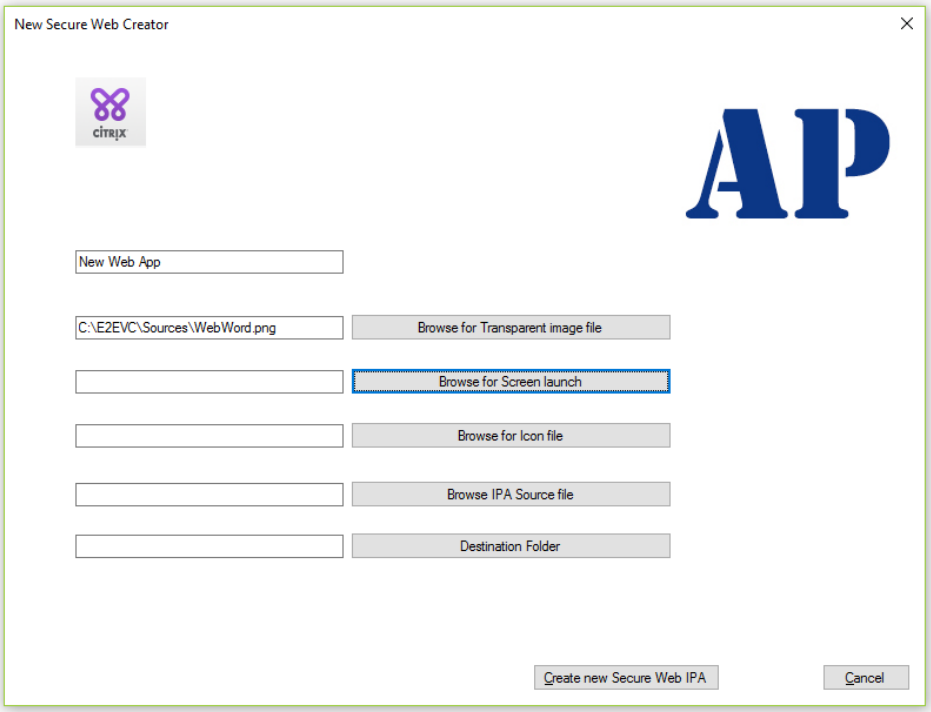
2. Provide the name you want for the new application



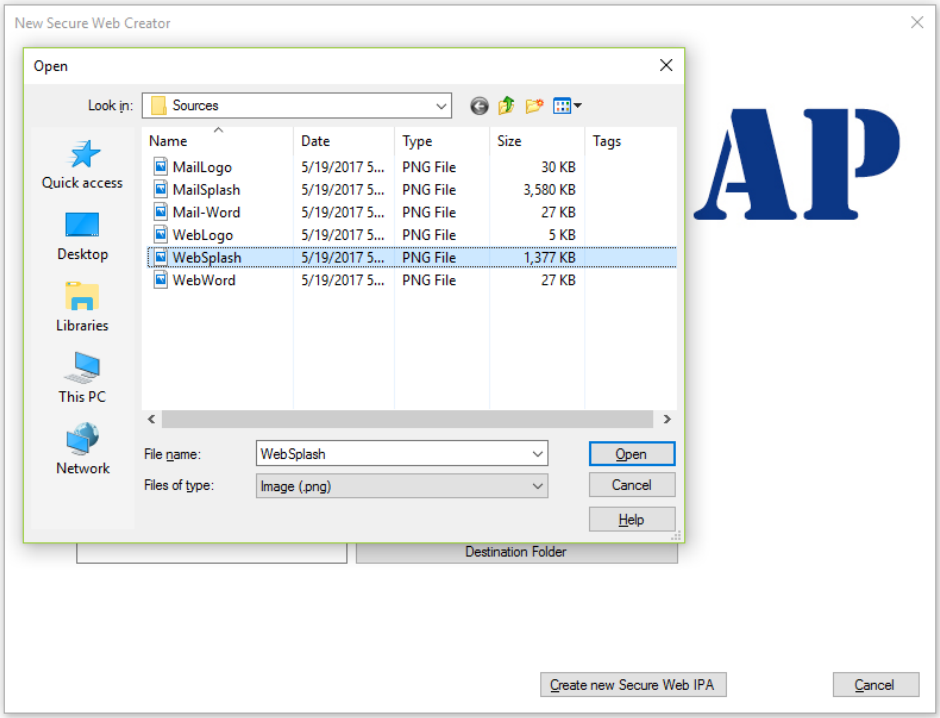
3. Click on **Browse for Transparent image file**



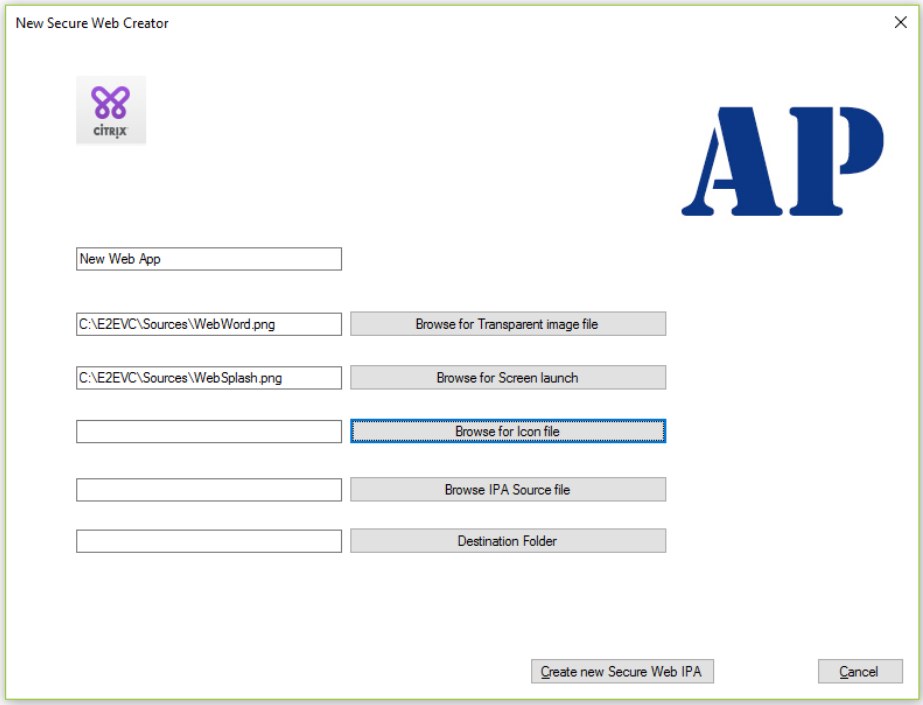
4. Select the file and click on **Open**



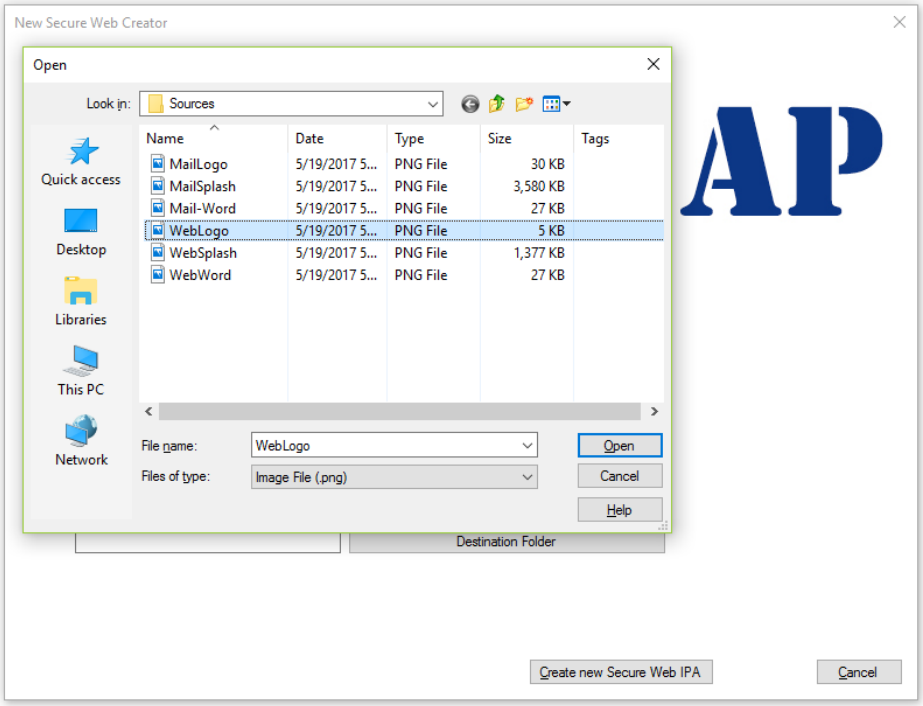
5. Click on **Browse for Screen launch**



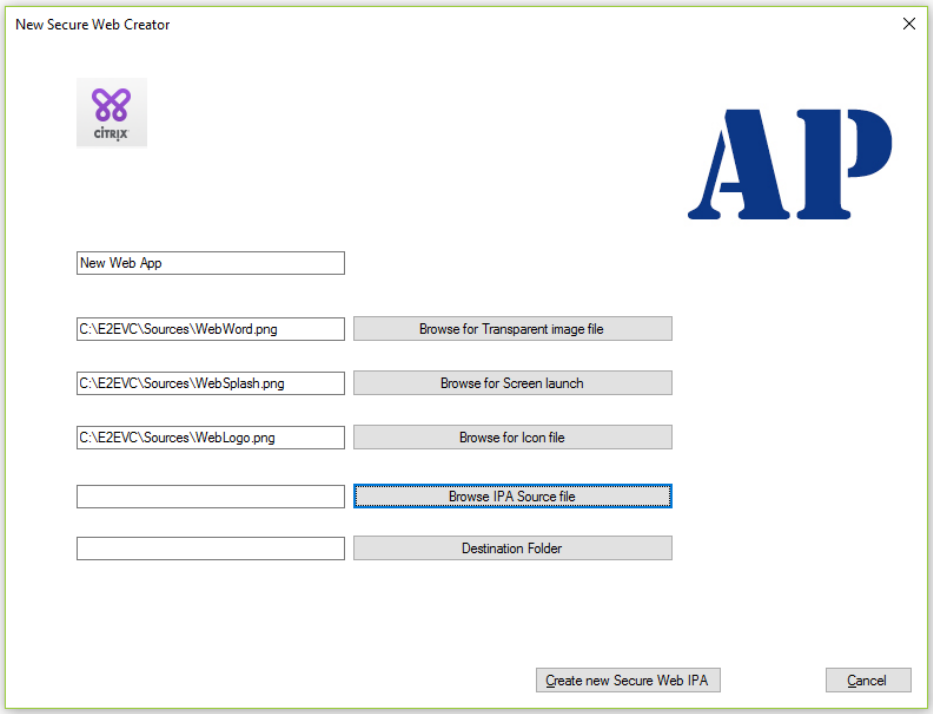
6. Select the file and click on **Open**



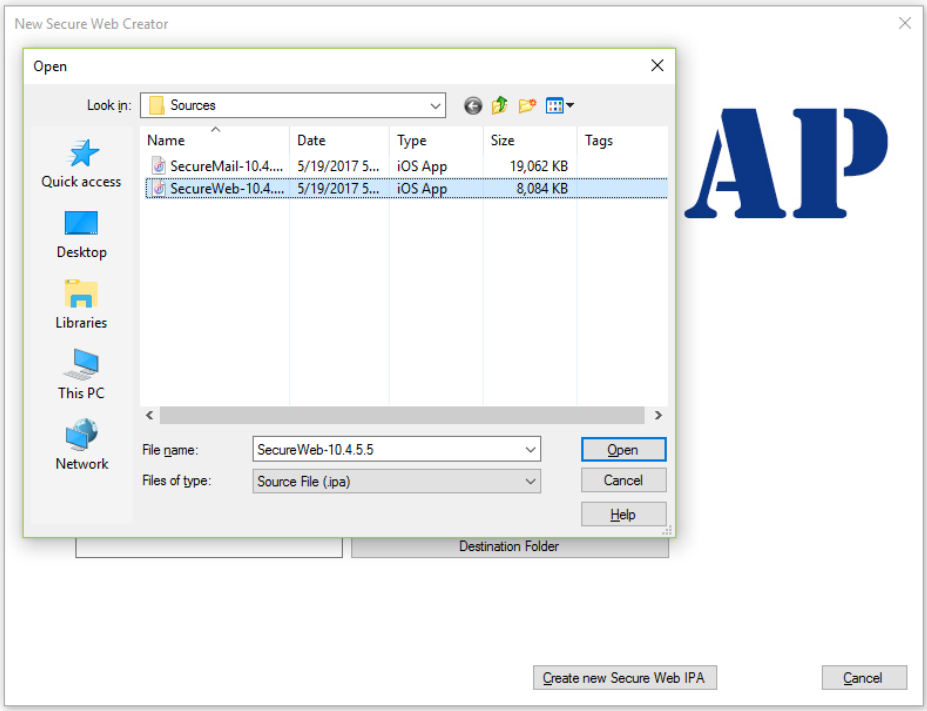
7. Click on **Browse for Icon file**



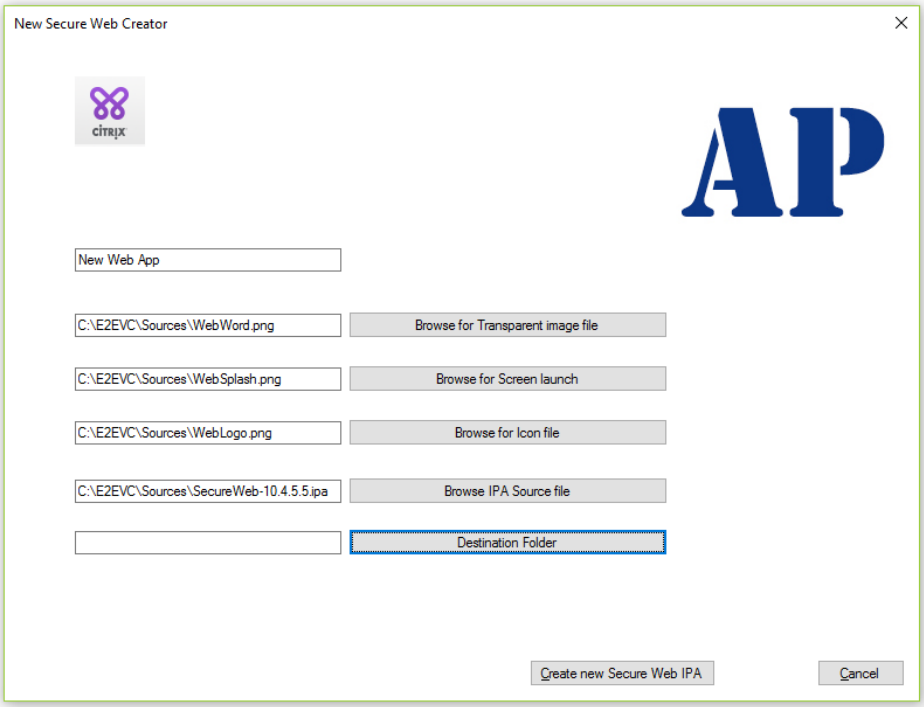
8. Select the image file and click on **Open**



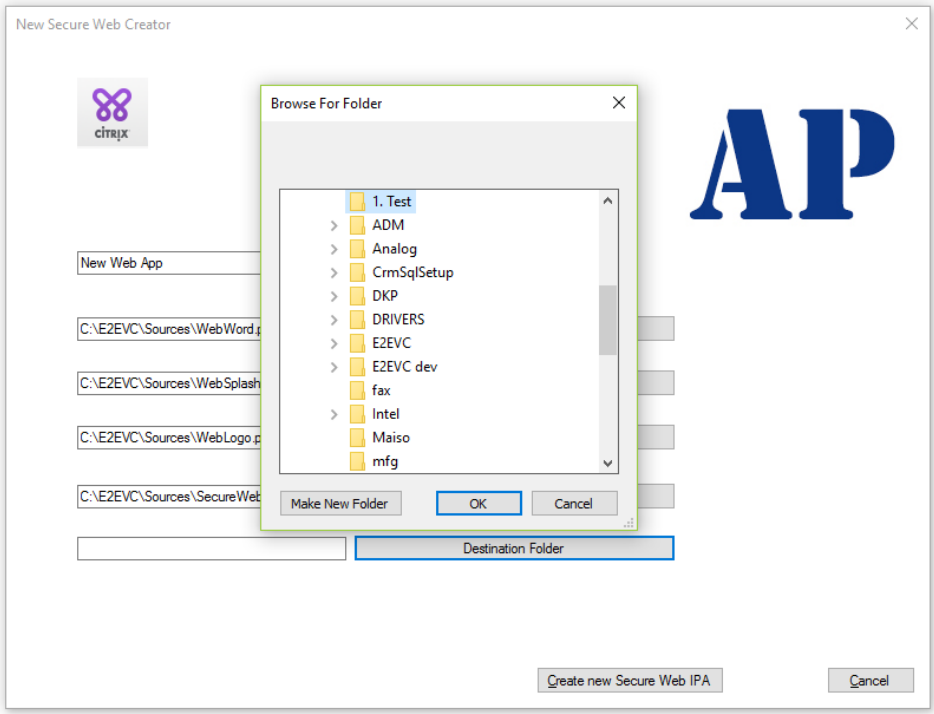
9. Click on **Browse for IPA Source file**



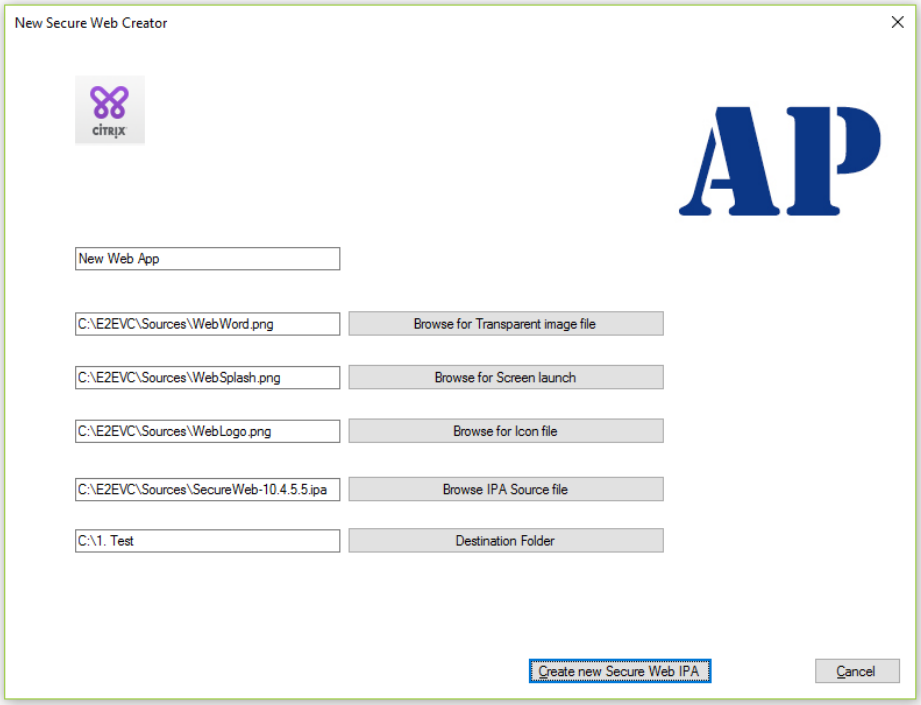
10. Select the source file, in this example SecureWeb and click on **Open**



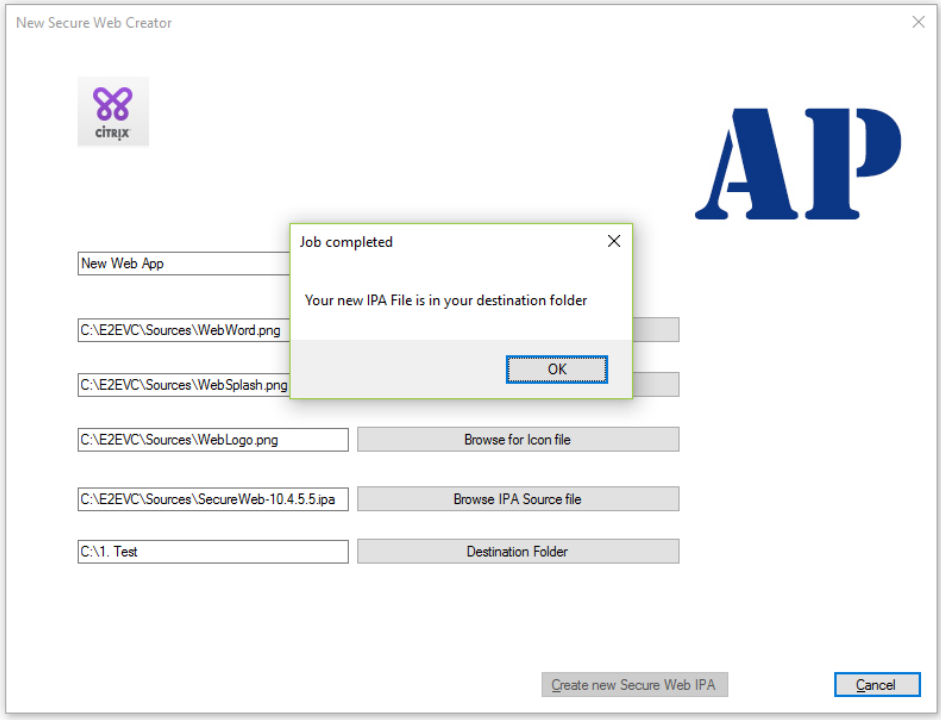
11. Click on **Destination Folder**



12. You can create a new folder or select an existing one and click on **OK**

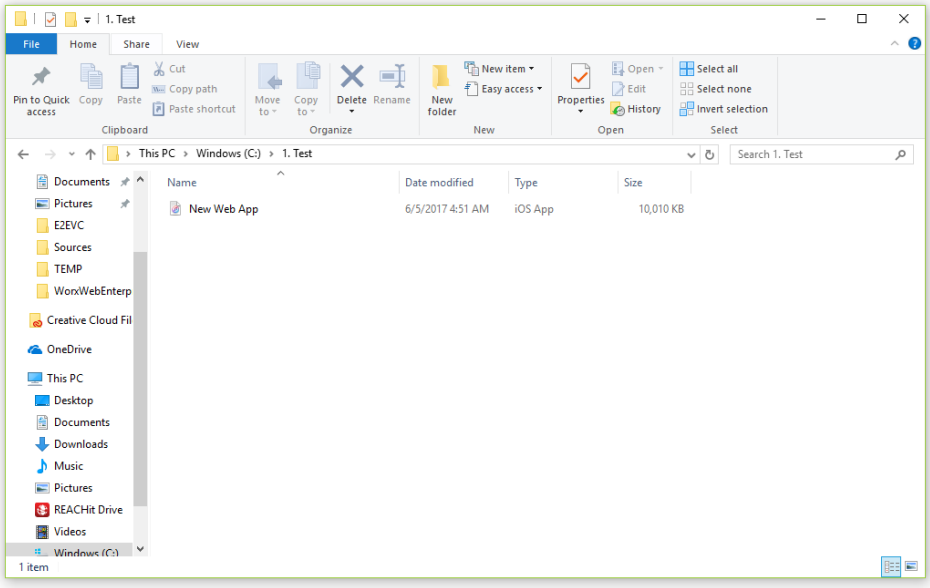


13. Click on **Create new Secure Web IPA**



14. Click on **OK**

The program is close and you can see you new IPA file in the folder:

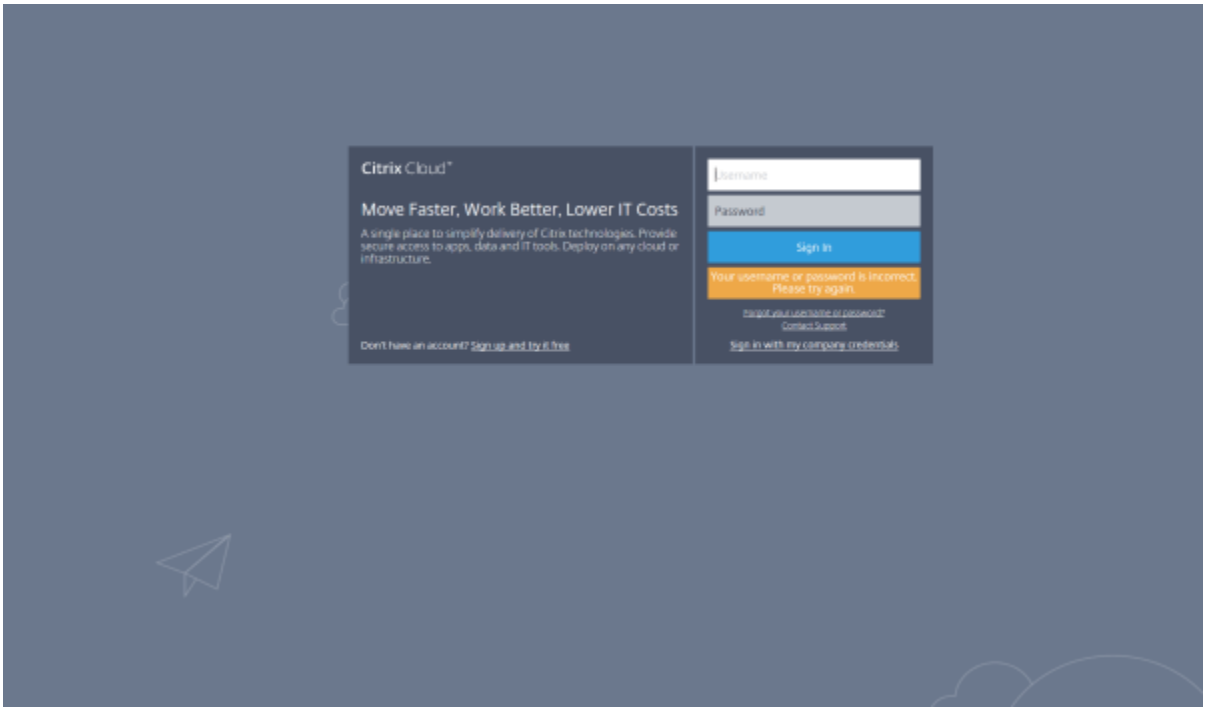

1. Test
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
Windows (C:)
1. Test
Search 1. Test
Documents
Pictures
E2EVC
Sources
TEMP
WorxWebEnterp
Creative Cloud Fil
OneDrive
This PC
Desktop
Documents
Downloads
Music
Pictures
REACHit Drive
Videos
Windows (C:)
Name
Date modified
Type
Size
New Web App
6/5/2017 4:51 AM
iOS App
10,010 KB
1 item

4. Wrap the file

Since end of 2016 it's possible to wrap an IPA without a Mac by using Citrix Cloud Service.

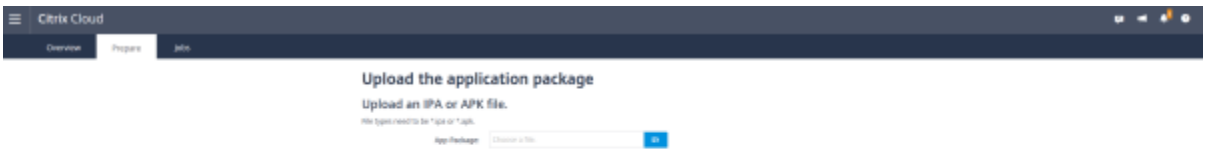
Here after the steps:

1. Connect to https://mdx.xm.cloud.com



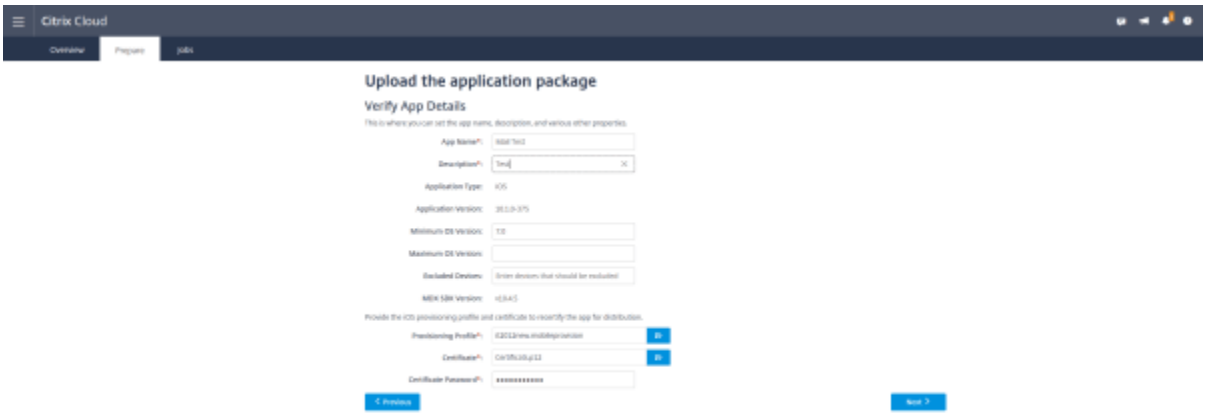
2. Click on **Start**

3. Upload the .IPA file



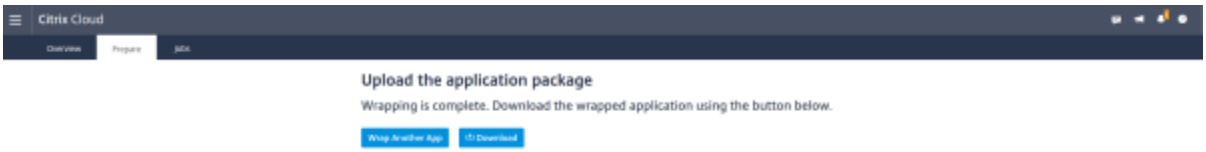
4. After successful upload of the file, a **Verify App Details** screen appear

   Verify the information, upload your ***Provisioning Profile***, your ***Certificate*** and ***Certificate Password*** and click on **Next**



5. After the MDX services use the signing assets to modify the app, the **Create Mobile App** screen appears

6. Download the wrapped MDX application package (.mdx file)



5. Upload the MDX

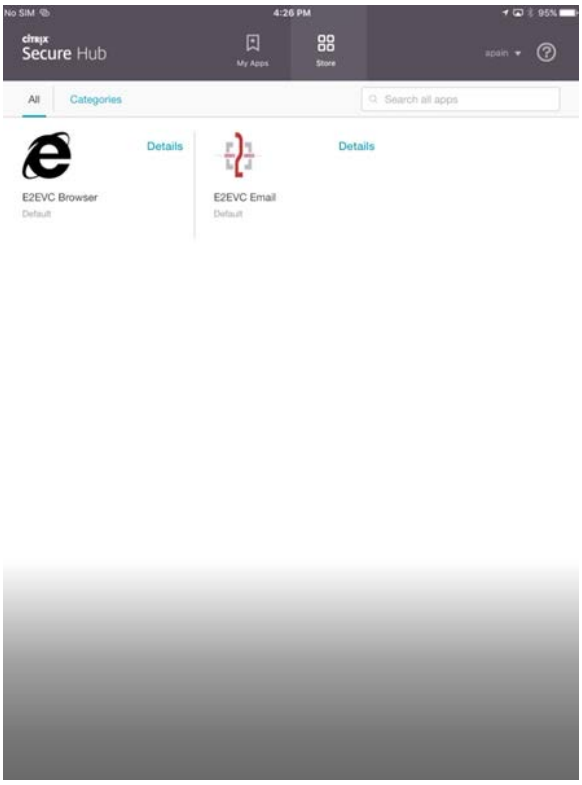
After the creation of the MDX File, the next step is to upload it on the XMS Server.

I will not explain here how to do it, I can imagine that everyone who is reading this document know how to do this.

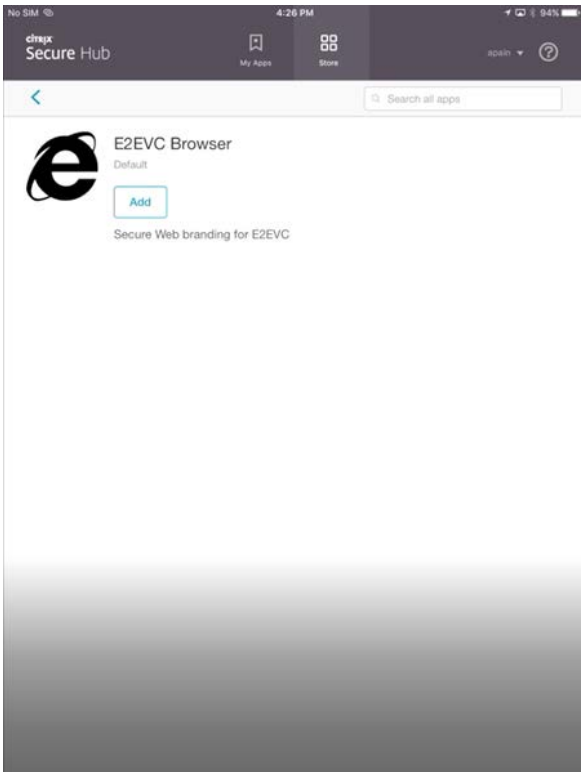
6. Tests

6.1 Download the MDX

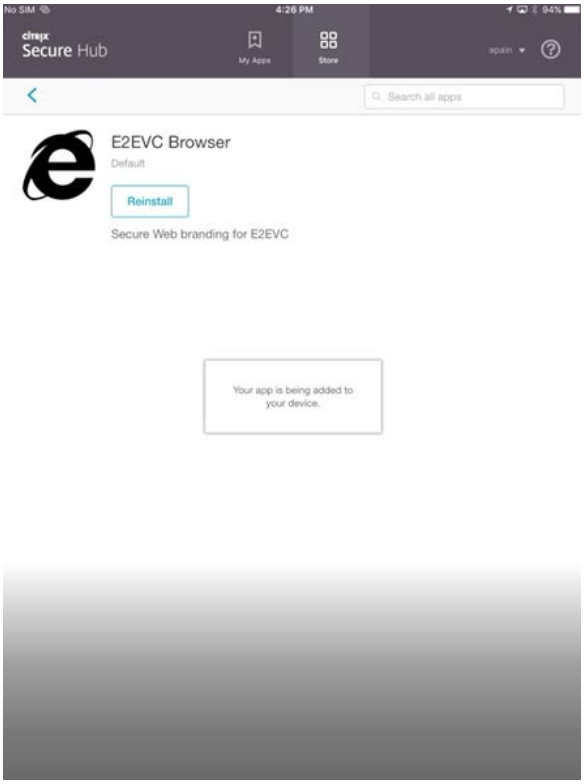
1. Open Secure Hub



2. Tap on the New App (here in this example new Secure Web which name is E2EVC Browser)



3. Tap on **Add** to install the App



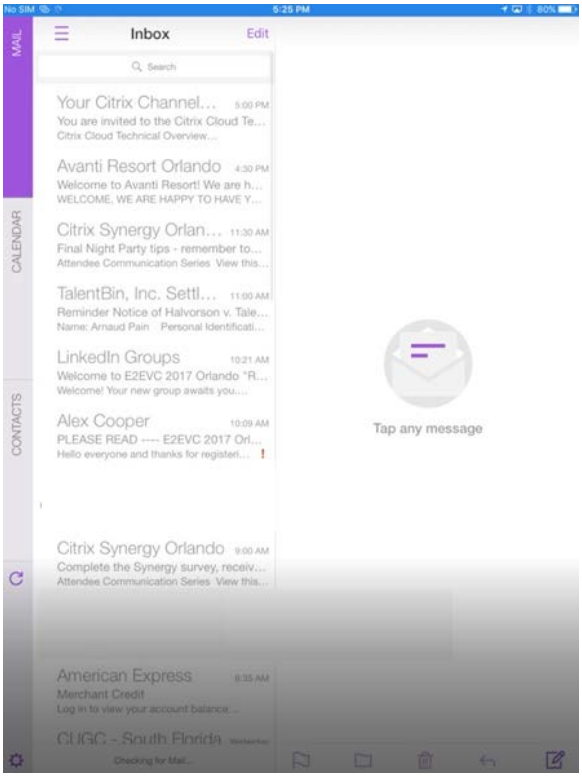
4. The App is installed on your device

6.2 Open the MDX

Note: We can see that name and icon appear as defined in the tool after installation.

1. Tap on the App to open it

2. Launch screen and Word mark appear as modified



7. Next Steps

For now the tool required an Internet connection to run.

I find a way to make it possible to run without an Internet connection and I need to modify the code, this will be in the next release.

If you have any question, suggestions, feel free to reach me:

- On my blog: http://arnaudpain.com
- On twitter: arnaud_pain