

## FlexApp DIA Office, Visio and Project 2013/2016 on Windows 10 (One Layer)

**Product:** ProfileUnity-FlexApp

**Product Version:** 6.5.7

**Updated:** September 14, 2016

### Problem:

How do I create a DIA package with Office, Visio and Project (2013 or 2016) on Windows 10 in a single layer.

### Resolution:

#### Requirements:

- Windows 10 (32-bit or 64-bit) with FlexApp Packaging Console (FPC) installed
- The FPC machine must follow FPC best practices. (see KB)
- Office, Visio and Project 2013 or 2016 (32-bit or 64-bit, KMS versions only)
- KMS Server with valid working licensing
- FlexApp Office Script Bundle (1 zip file that contains 4 scripts)

#### Part I – Updating The Office Scripts For Your Environment

Since successful playback and capture of Office is dependent on KMS, certain scripts need to be updated with your KMS server and product information.

1. Extract the scripts located in the FlexApp Office Script Bundle to a network location that will be accessible to the FPC machine.

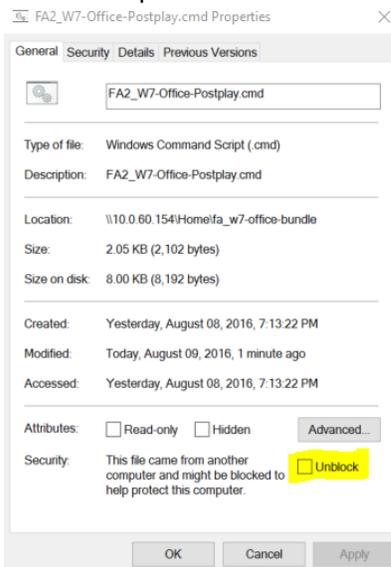
 FA0\_W10-OVP2013-2016-PostCapture

 FA1\_W10-OVP2013-2016-PrePlay

 FA2a\_W10-OVP2013-PostPlay

 FA2b\_W10-OVP2016-PostPlay

2. Right click on each script and select Properties to confirm it is not blocked on the General tab. If it is, select the option to Unblock the file and click OK.



3. Edit the post capture script called FA0\_W10-OVP2013-2016-PostCapture.cmd.

4. Within the script, find and replace all instances of KMSNAME with the IP or FQDN of your KMS server.

```

Office\Office15\ospp.vbs" /sethst:KMSNAME
Office\Office15\ospp.vbs" /sethst:KMSNAME
Office\Office16\ospp.vbs" /sethst:KMSNAME
Office\Office16\ospp.vbs" /sethst:KMSNAME

Office\Office15\ospp.vbs" /sethst:10.0.41.2
Office\Office15\ospp.vbs" /sethst:10.0.41.2
Office\Office16\ospp.vbs" /sethst:10.0.41.2
Office\Office16\ospp.vbs" /sethst:10.0.41.2

```

5. Save the changes and close out of the script.
6. Now Edit the FA2 post playback script pertaining to the version Office, Visio and Project you intend to capture (FA2a\_W10-OVP2013-PostPlay.cmd for 2013, FA2b\_W10-OVP2016-PostPlay.cmd for 2016)
7. Ensure that the proper Office license key is set for the version of Office that you intend to package. By default the scripts are set to cover Office Professional Plus, Visio Professional and Project Professional. **(Generic MS KMS keys are included at the bottom of the script for reference)**

```

Office\Office16\ospp.vbs" /sethst:10.0.41.2 >> "%temp%\FA-Office.txt" 2>&1
Office\Office16\ospp.vbs" /inpkey:YG9NW-3K39V-2T3HJ-93F3Q-G83KT >> "%temp%\FA-Office.txt" 2>&1
Office\Office16\ospp.vbs" /inpkey:PD3PC-RHNGV-FXJ29-8JK7D-RJRJK >> "%temp%\FA-Office.txt" 2>&1
Office\Office16\ospp.vbs" /inpkey:XQNVK-8JYDB-WJ9W3-YJ8YR-WFG99 >> "%temp%\FA-Office.txt" 2>&1
Office\Office16\ospp.vbs" /act >> "%temp%\FA-Office.txt" 2>&1
Office\Office16\ospp.vbs" /dstatus >> "%temp%\FA-Office.txt" 2>&1

Office\Office15\ospp.vbs" /sethst:10.0.41.2 >> "%temp%\FA-Office.txt" 2>&1
Office\Office15\ospp.vbs" /inpkey:YG9NW-3K39V-2T3HJ-93F3Q-G83KT >> "%temp%\FA-Office.txt" 2>&1
Office\Office15\ospp.vbs" /inpkey:PD3PC-RHNGV-FXJ29-8JK7D-RJRJK >> "%temp%\FA-Office.txt" 2>&1
Office\Office15\ospp.vbs" /inpkey:XQNVK-8JYDB-WJ9W3-YJ8YR-WFG99 >> "%temp%\FA-Office.txt" 2>&1
Office\Office15\ospp.vbs" /act >> "%temp%\FA-Office.txt" 2>&1
Office\Office15\ospp.vbs" /dstatus >> "%temp%\FA-Office.txt" 2>&1

```

8. Save the changes and close out of the script.

9. You are now ready to create a DIA package of Office, Visio and Project with FPC.

## Part II – Packaging Office With FPC

1. Login to the FPC machine and connect/mount the Office installation iso to the FPC machine. (Close the AutoPlay prompt, if shown.)
2. Open and log into the FlexApp Packaging Console.
3. Click 'Create' to create a new package.
4. Fill in all the required fields. For the Installer Location, browse and select the setup.exe file located at the root of the Office installation iso you mounted in step 1.

### Create a Package

Use FlexApp to create new snap-in application packages. Name the package, provide a path to the application's installer, and input information about the location to write the package to. Clicking Create will launch the installer.

**Package Name**   
Provide a descriptive name for your package. For example: 'Mozilla Firefox'.

**Installer Location**    
  
Optionally, input the full path to the installer of the application (for example: 'c:\installers\Firefox Setup 13.0.1.exe'), or launch it yourself when prompted by the system. If you wish to include any additional parameters for the installer, enter them on the next line.

**Package Type**   
Choose the type of disk the package will be created in.

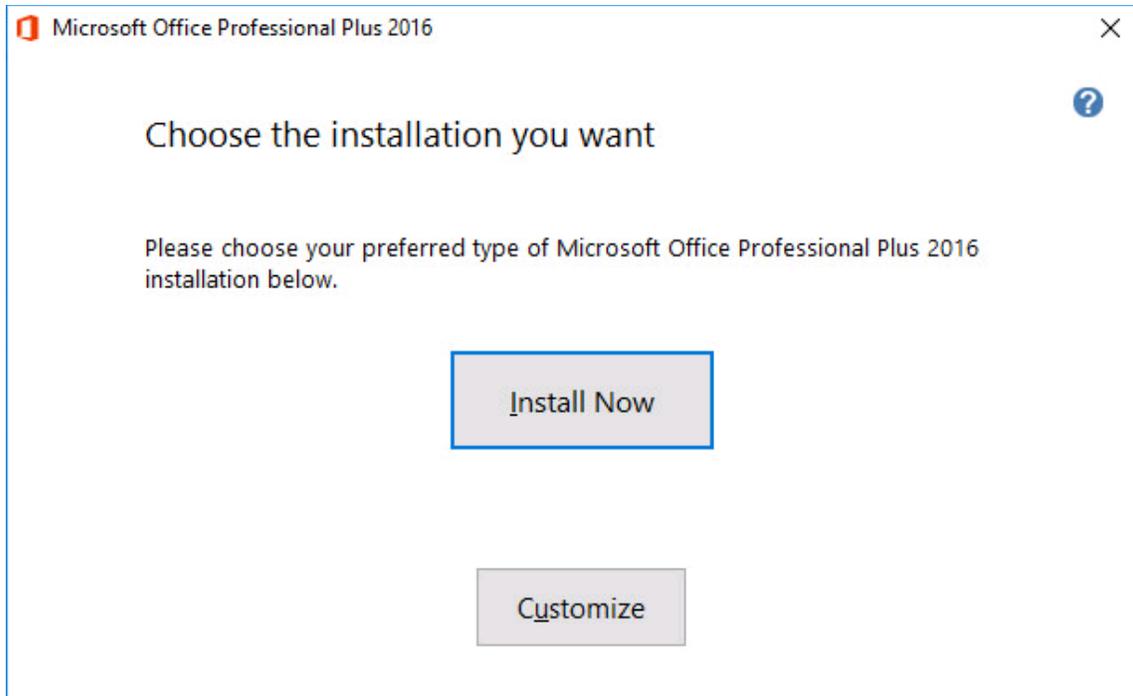
**VHD Location**    
Input the path where the VHD will be created. FlexApp will create a VHD file for your package at that location. Example: '\\server\share\packages'.

**Size**  GB  
Provide a size in GB for the virtual disk that will be created.

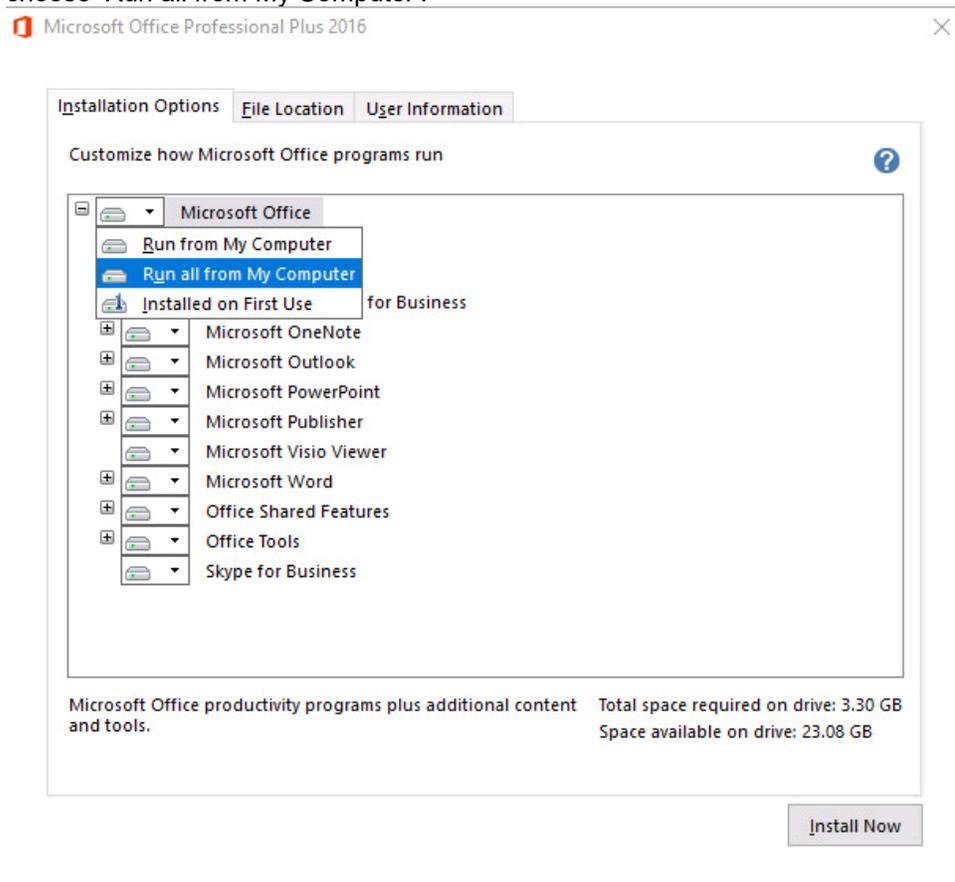
**Compression**   
Indicate whether you would like the VHD to use compression.

**Disk Type**   
Specify whether you would like the disk to have a dynamic or fixed disk. Dynamic disks have the advantage of only using up the amount of space needed by the install, not the full size of the disk.

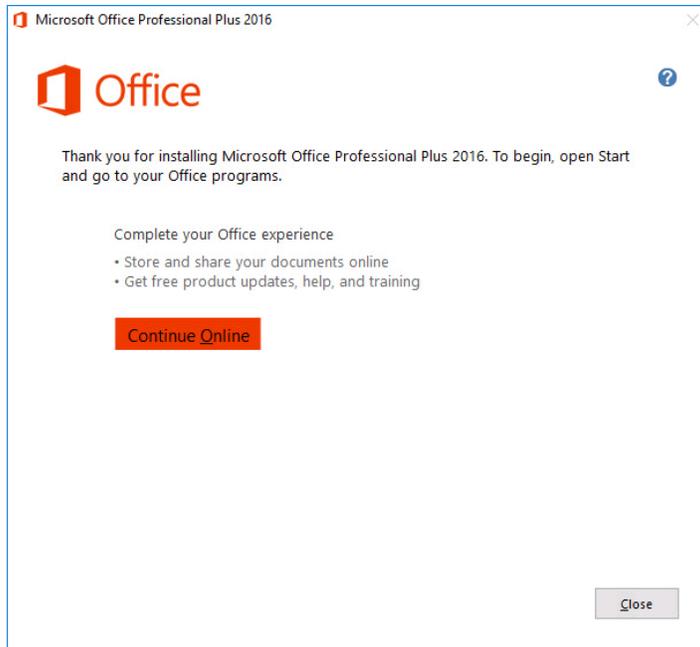
5. Once all required fields are filled in, click 'Create' to begin the packaging process.
6. FPC will launch the Office setup wizard.
7. After accepting the User Agreement, the Office setup wizard asks for type of installation, choose 'Customize'.



- This will present the Installation Options tab. Select the root 'Microsoft Office' option dropdown and choose 'Run all from My Computer'.



- Click the 'Install Now' button.
- The Office setup wizard will continue and finish the installation.
- Once Office setup has finished, click the 'Close' button. (leaving FPC still running in background)



12. Connect/mount the Visio installation iso to the FPC machine
13. Once connected, run setup.exe from the root of the Visio installation media.
14. Again select 'Customize' when asked for Installation Type, and choose to Run All From My Computer.
15. Click the 'Install Now' button.
16. The Visio setup wizard will continue and finish the installation.
17. Once Office setup has finished, click the 'Close' button. (still leaving FPC open in background)
18. Connect/mount the Project installation iso to the FPC machine
19. Once connected, run setup.exe from the root of the Project installation media.
20. The Project setup wizard will continue and finish the installation.
21. **!!CRITICAL STEP!!** – before clicking the 'Close' button on the Project Setup Wizard, go to the network location where the Office scripts were saved.
22. Run the one titled: FA0\_W10-OVP013-2016-PostCapture.cmd (**right click and run as admin**)
23. Confirm Office, Visio and Project activated successfully. There will be a line that indicates 'Product activation successful' for each.

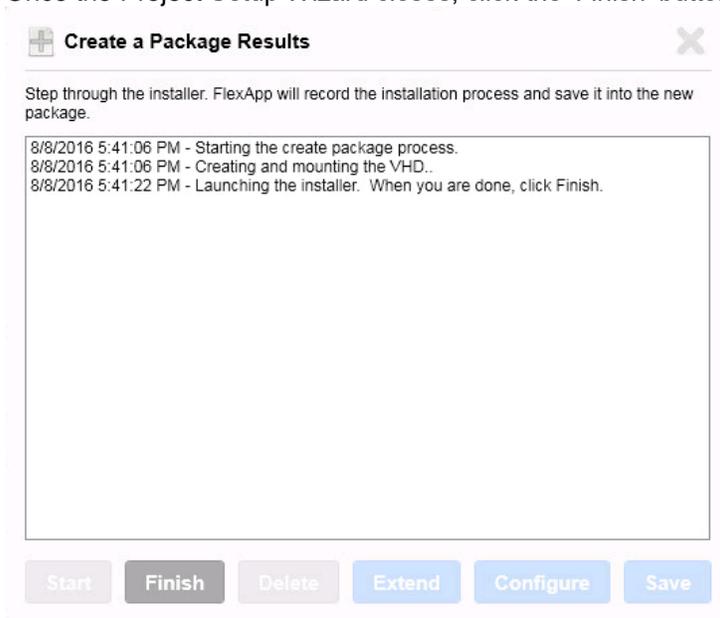
```
C:\Windows\system32\cmd.exe
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corporation. All rights reserved.

---Processing-----
Successfully applied setting.
---Exiting-----
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corporation. All rights reserved.

---Processing-----
Installed product key detected - attempting to activate the following product:
SKU ID: d450596f-894d-49e0-966a-fd39ed4c4c64
LICENSE NAME: Office 16, Office16ProPlusVL_KMS_Client edition
LICENSE DESCRIPTION: Office 16, VOLUME_KMSCLIENT channel
Last 5 characters of installed product key: WFG99
<Product activation successful>
---Exiting-----
```

24. Once confirmed, press any key to exit the command window.

25. Now click 'Close' on the Project Setup Wizard window.
26. Once the Project Setup Wizard closes, click the 'Finish' button in the FPC window.

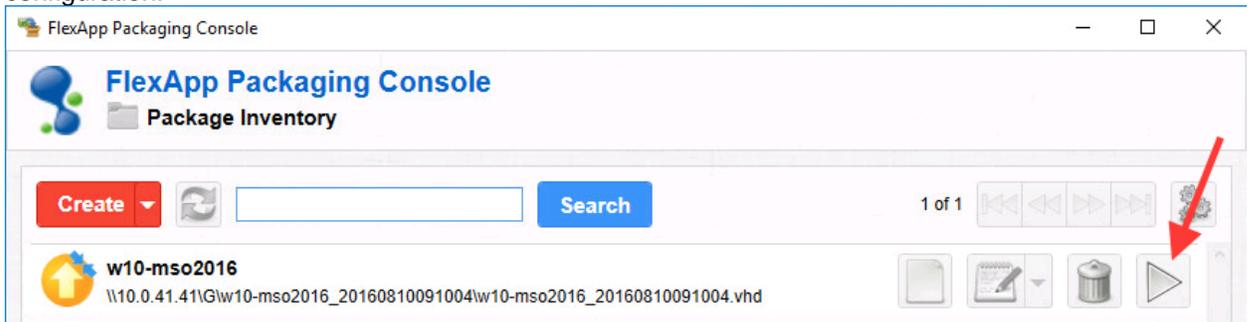


27. After the package creation process has finished, click the 'Save' button to finish saving the package.
28. Since Office contains several icons for programs, FPC will likely prompt you to select an icon to use as the main one to display within FPC and ProfileUnity.
29. The Office DIA package has now been created and saved successfully.

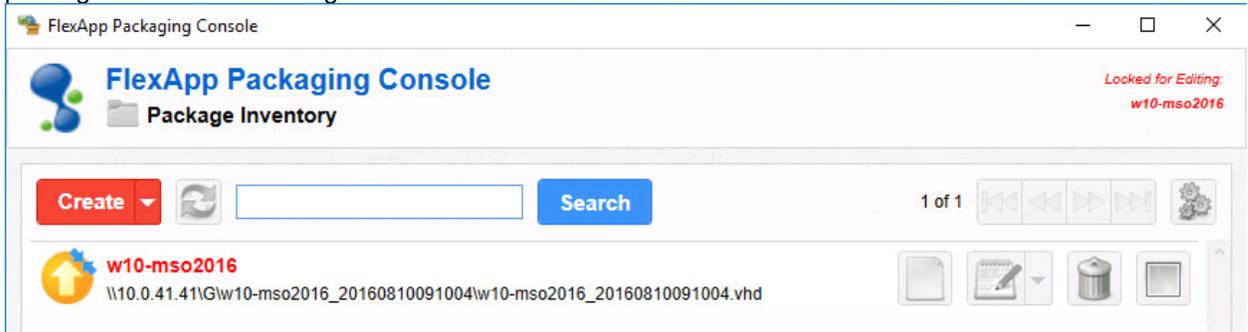
### Part III – Preparing The Office DIA Package For Playback

In order for Office to playback successfully, some additional configuration is required.

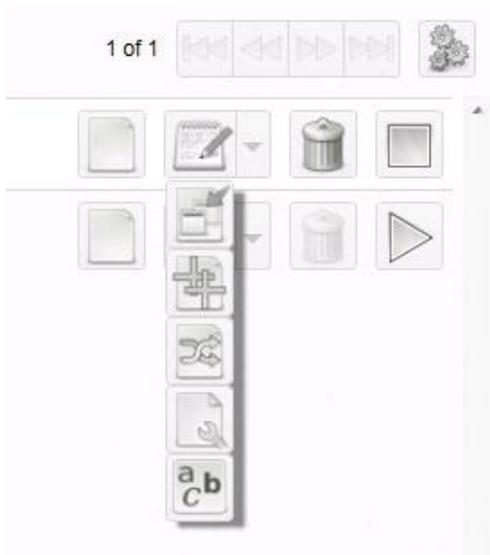
1. From the main FPC window, press the 'Play' button to playback the Office package with it's current configuration.



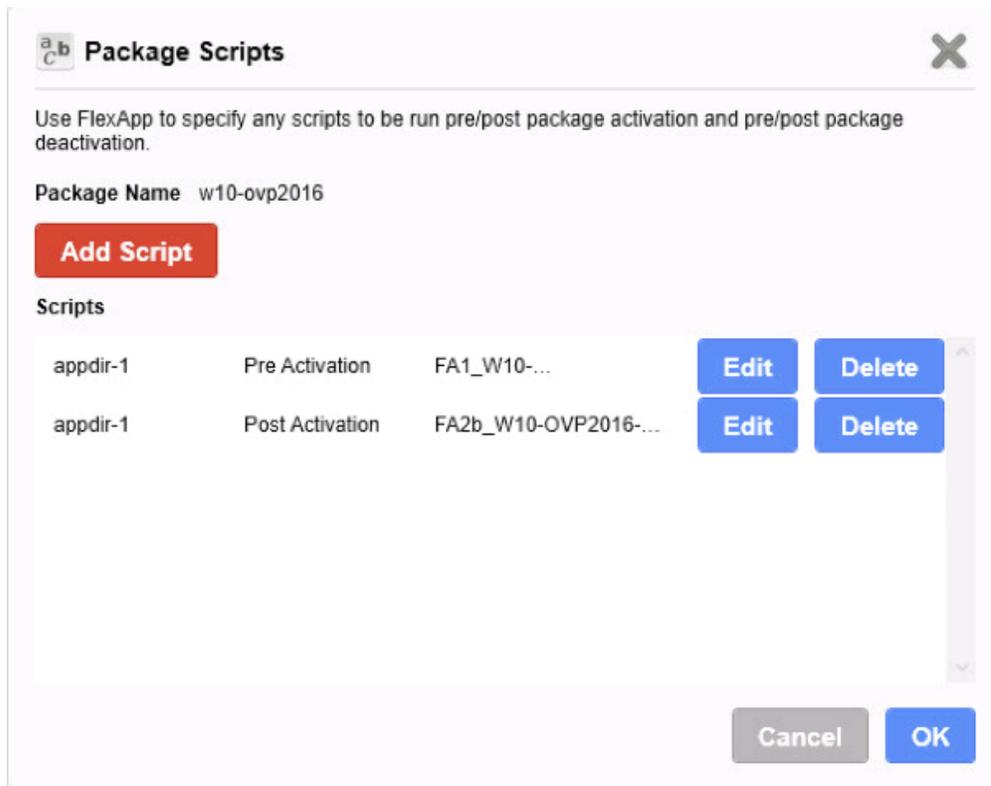
2. Once played back successfully, the 'Play' icon will change to a 'Stop' icon, indicating that the package is active and configuration can now be edited.



3. Two icons to the left is the edit package icon, click the dropdown arrow to view all options.

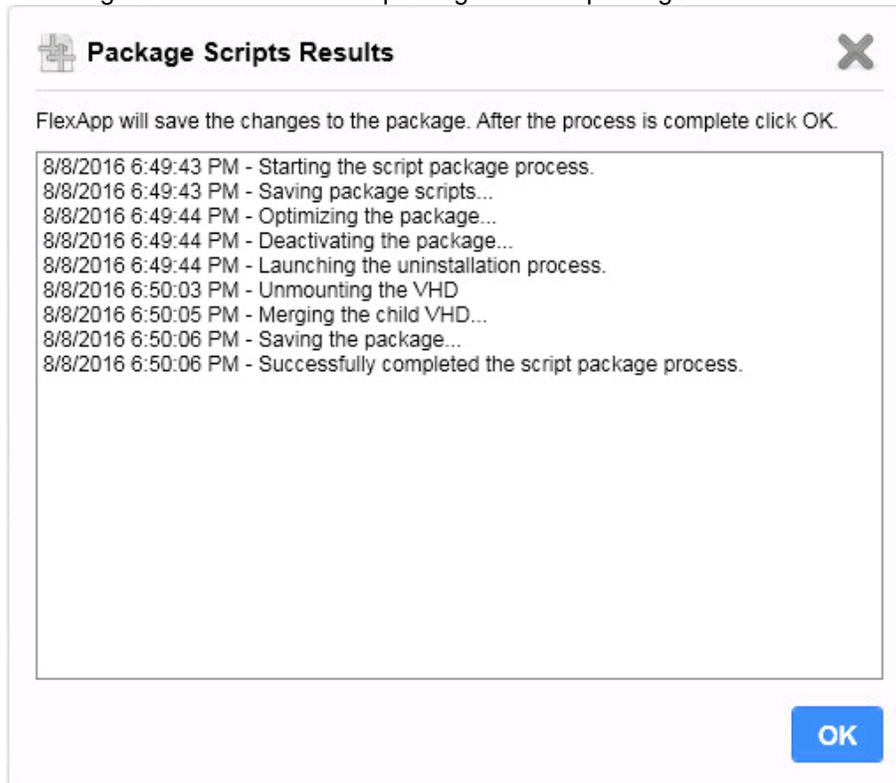


4. Select the 'abc' icon at the very bottom, to add scripts to the package.
5. The Package Scripts window will appear, click 'Add Script'. This will reveal additional dropdown options.
6. The first dropdown option should list only appdir-1, select it.
7. The second dropdown will allow you to specify when a specific script should run. The first office script requires 'Pre Activation'. Select 'Pre Activation' and move to the next field.
8. Click the browse icon to the right of this field and browse to the network location where the Office scripts were saved to in Part I.
9. Select the script named: FA1\_W10-OVP2013-2016-PrePlay.cmd
10. Press 'OK' to add this script to the package.
11. Click Add Script again.
12. Select appdir-1 in the first dropdown.
13. In the second dropdown select 'Post Activation' this time and move to the next field.
14. Click the browse icon to the right of this field and browse again to the network location where the Office scripts were saved.
15. Select the FA2 post playback script pertaining to the version Office, Visio and Project you packaged. (FA2a\_W10-OVP2013-PostPlay.cmd for 2013, FA2b\_W10-OVP2016-PostPlay.cmd for 2016)
16. Press 'OK' to add this script to the package.
17. FPC should now look as follows:



18. Press the bottom 'OK' button to save.

19. All changes will be saved to the package and the package will then be unmounted.



20. Click 'OK'.

21. The DIA package for Office, Visio and Project is now complete and can be selected for playback within the ProfileUnity web console or FPC.