



Microsoft Cloud Workshop

App in a Day

Hands-on Lab Step-by-Step

November 2018

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Complete Solution

Follow the steps below to see the complete solution without completing the modules

Task 1: Create a new environment

1. Open a new browser tab, navigate to <https://admin.powerapps.com> select **Environments** and click **New Environment**.



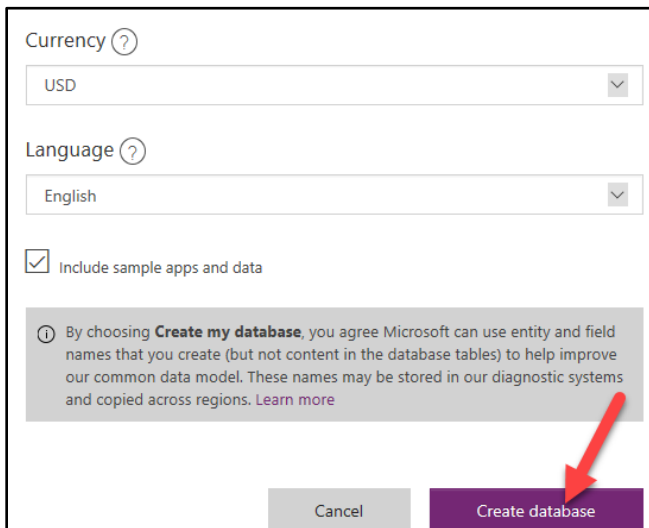
2. Provide an **Environment Name**, select **Region**, select **Environment Type**, and click **Create Environment**.

A screenshot of the 'Create Environment' form. It contains three input fields: 'Environment name' with the text 'Contoso Test', 'Region' with a dropdown menu showing 'United States (default)', and 'Environment type' with a dropdown menu showing 'Trial'. Below these fields are two buttons: 'Cancel' and 'Create environment'. A red arrow points to the 'Create environment' button. A small note below the region dropdown states 'Can't be changed once your environment is created.'

3. Click **Create Database**.

A screenshot of a dialog box titled 'Do you want to create a database? (Recommended)'. On the left is an icon representing a database cylinder, a gear, and a cloud. The text explains that the environment includes access to the Common Data Service and lists three benefits: 'Collect, store, and share data.', 'Use data modeling', and 'Create custom forms'. A fourth bullet point, 'Manage security and access to data', is partially visible. At the bottom are two buttons: 'Skip' and 'Create database'. A red arrow points to the 'Create database' button.

4. Select **Currency** and **Language**, and then click **Create Database**.



Currency (?)

USD

Language (?)

English

☒ Include sample apps and data

By choosing **Create my database**, you agree Microsoft can use entity and field names that you create (but not content in the database tables) to help improve our common data model. These names may be stored in our diagnostic systems and copied across regions. [Learn more](#)

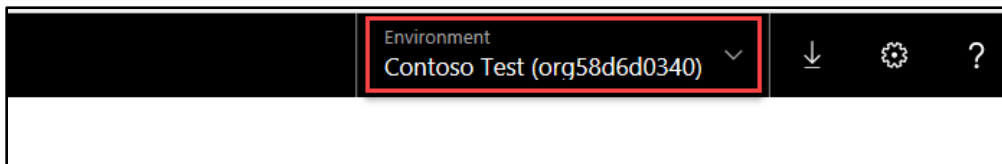
Cancel Create database

Wait for the Database to be created

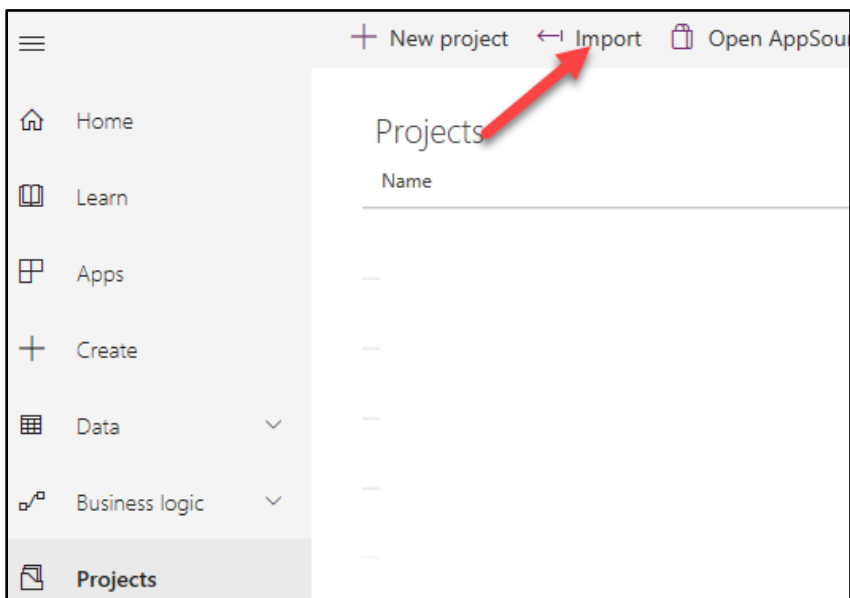
Task 2: Import the solution

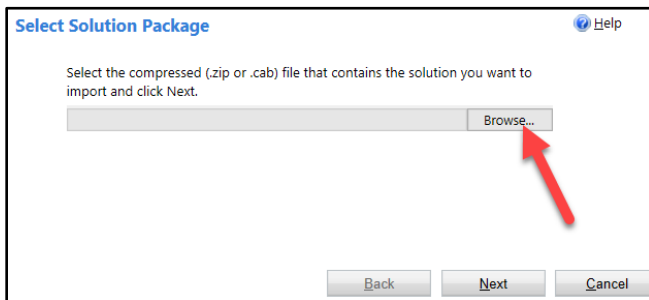
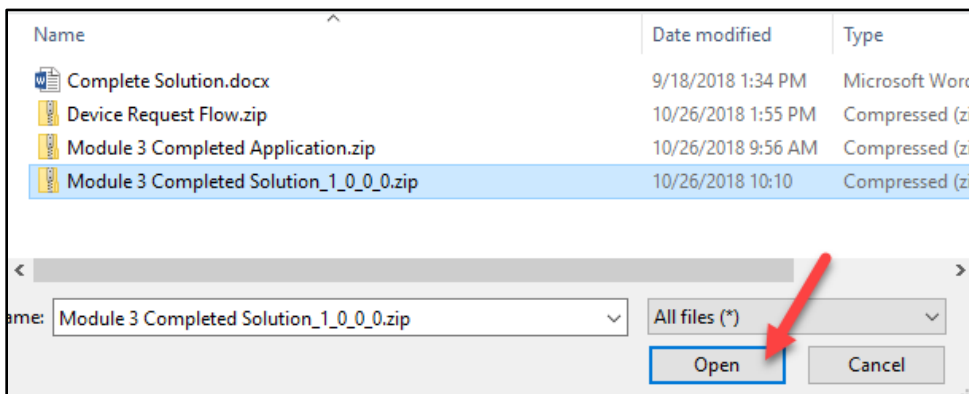
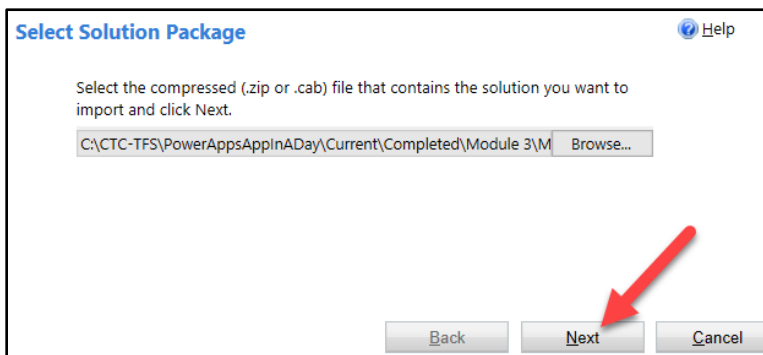
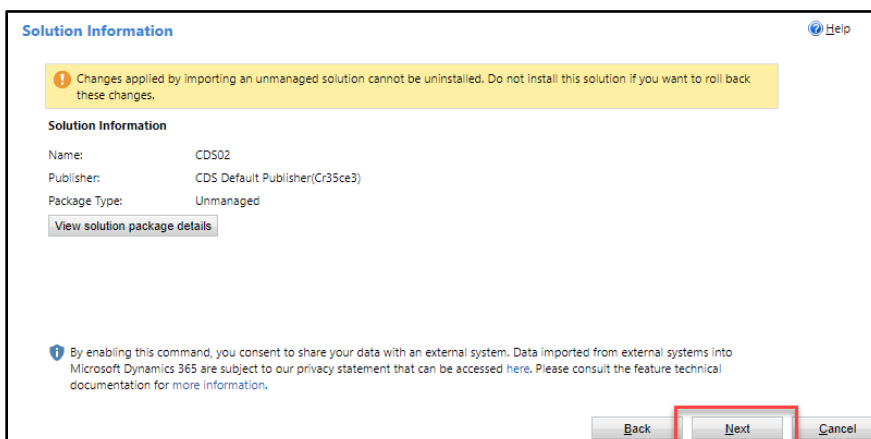
In this task, you will import the completed module 3 solution.

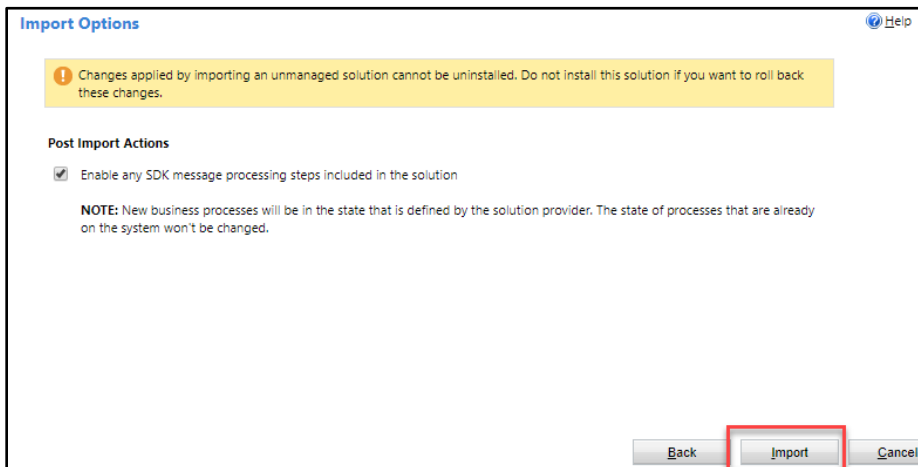
1. Open a new browser tab, navigate to <https://web.powerapps.com>
2. Make sure to select the correct environment.



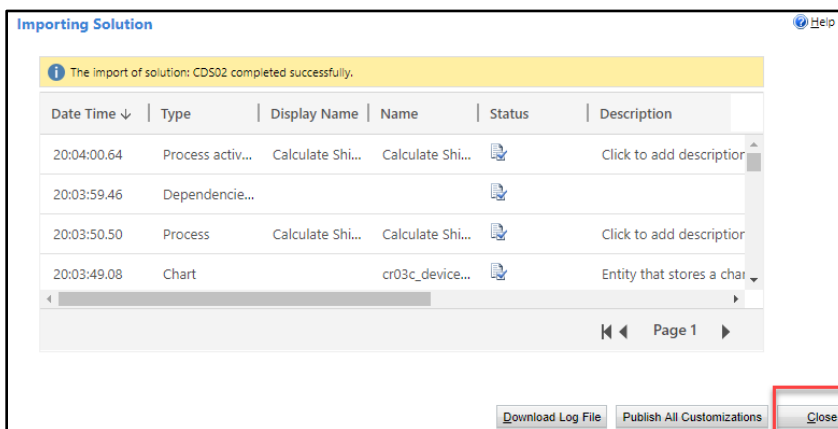
3. Click **Projects** and click **Import**.



4. Click **Browse**.5. Select the Module 3 Completed Solution zip file located in Module 4 Complete Solution folder and click **Open**.6. Click **Next**.7. Click **Next**.

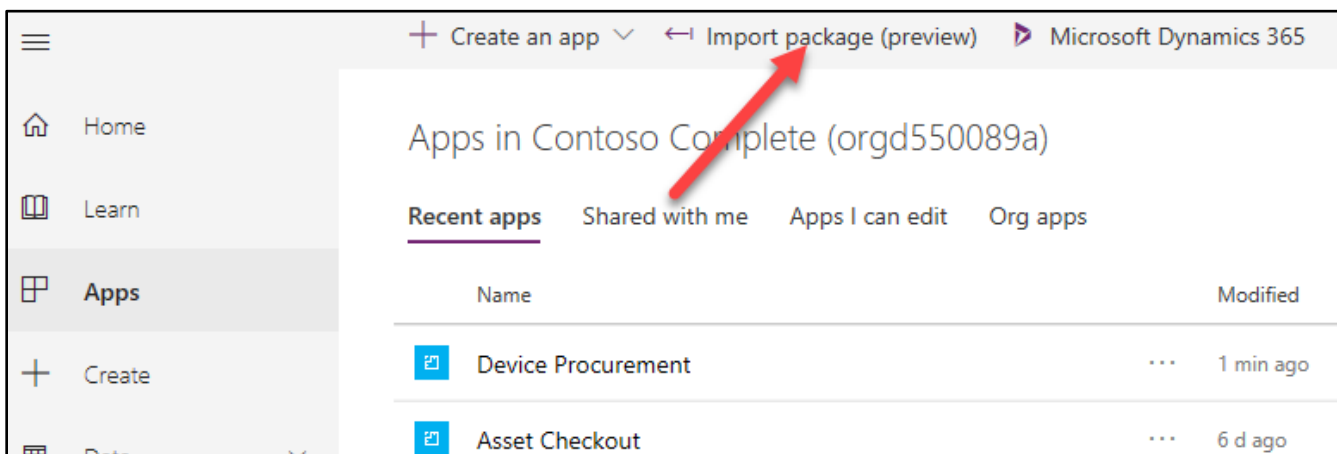
8. Click **Import**.

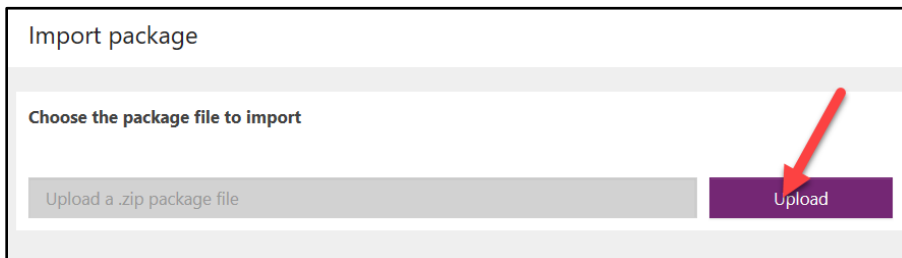
9. Wait for the solution import to complete and click Close.



Task 3: Import the application

In this task, you will import the completed module 3 application.

1. Select **Apps** and click **Import Package**.

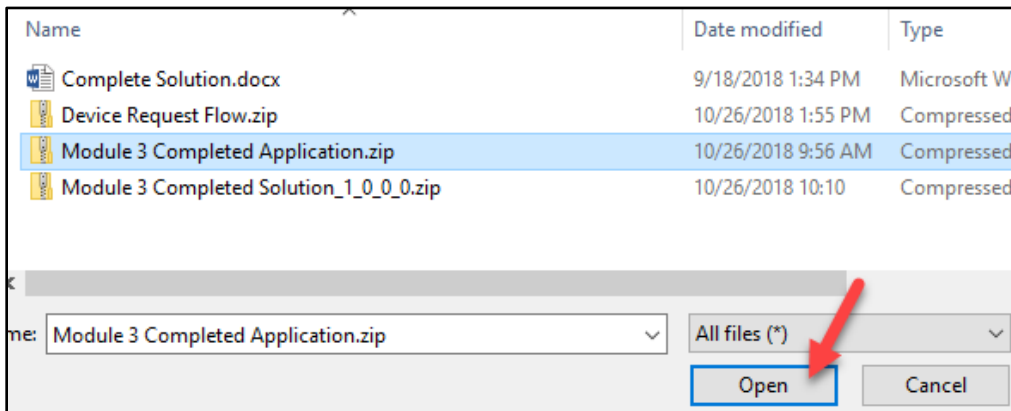
2. Click **Upload**.

Import package

Choose the package file to import

Upload a .zip package file

Upload

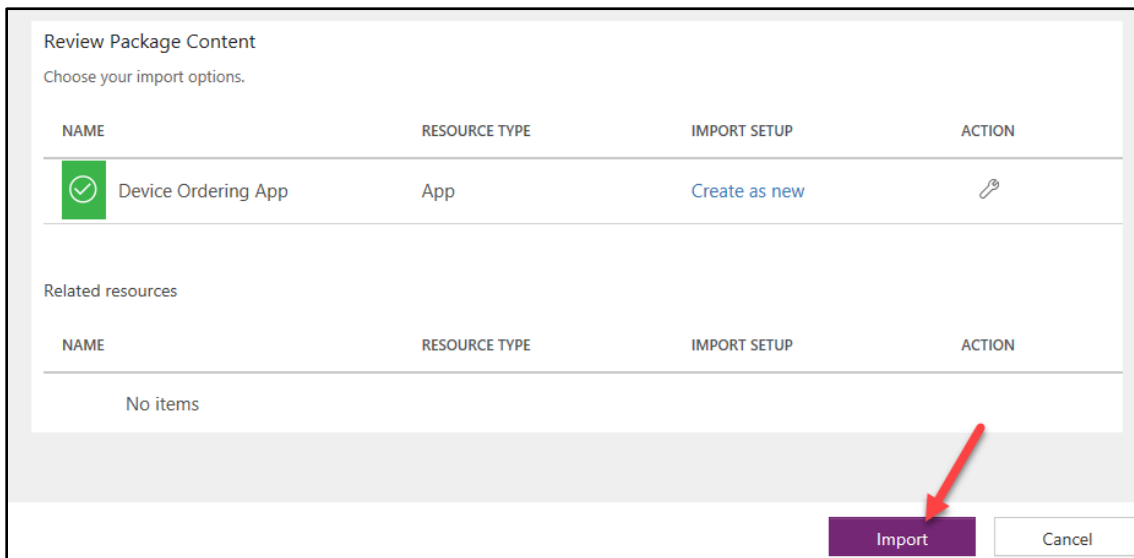
3. Select the Module 3 Completed Application zip file located in Module 4 Complete Solution folder and click **Open**.

Name	Date modified	Type
Complete Solution.docx	9/18/2018 1:34 PM	Microsoft Word Document
Device Request Flow.zip	10/26/2018 1:55 PM	Compressed (zipped) folder
Module 3 Completed Application.zip	10/26/2018 9:56 AM	Compressed (zipped) folder
Module 3 Completed Solution_1_0_0_0.zip	10/26/2018 10:10	Compressed (zipped) folder

File name: Module 3 Completed Application.zip

All files (*)

Open Cancel

4. Click **Import**.

Review Package Content

Choose your import options.

NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
✓ Device Ordering App	App	Create as new	

Related resources

NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
No items			

Import Cancel

Wait for the application import to complete.

Device Ordering App

✓ All package resources were successfully imported.

Next steps ...

- Open and test your app in the PowerApps Studio. [Open app](#)
- If the app is working, [share](#) your app with your organization.

5. Select Home, and then Select Apps, click on the ... button of the application you imported and click **Play**.

Apps in Contoso Complete (orgd550089a)

Recent apps Shared with me Apps I can edit Org apps

Name	Modified	Owner
Device Ordering App	16 sec ago	You
Device Procurement		
Asset Checkout		

Play

Edit

6. Click **Allow**.

Almost there ...

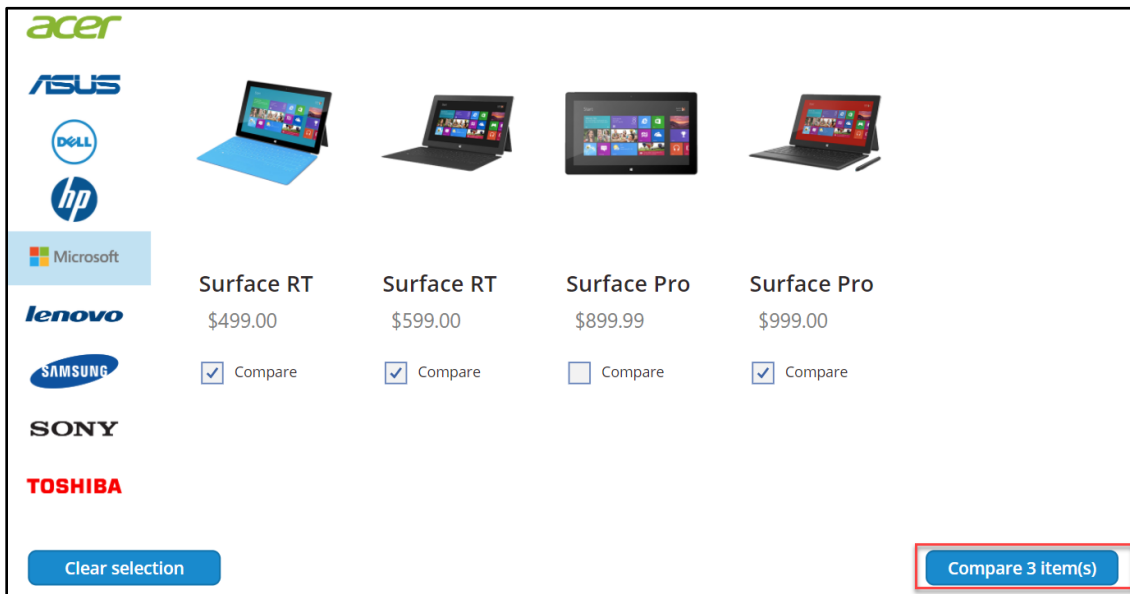
Device Ordering App needs your permission to use:

Common Data Service Premium
Signed in [View permissions](#) [Switch account](#)

Office 365 Users
Signed in [View permissions](#) [Switch account](#)

Allow Don't Allow

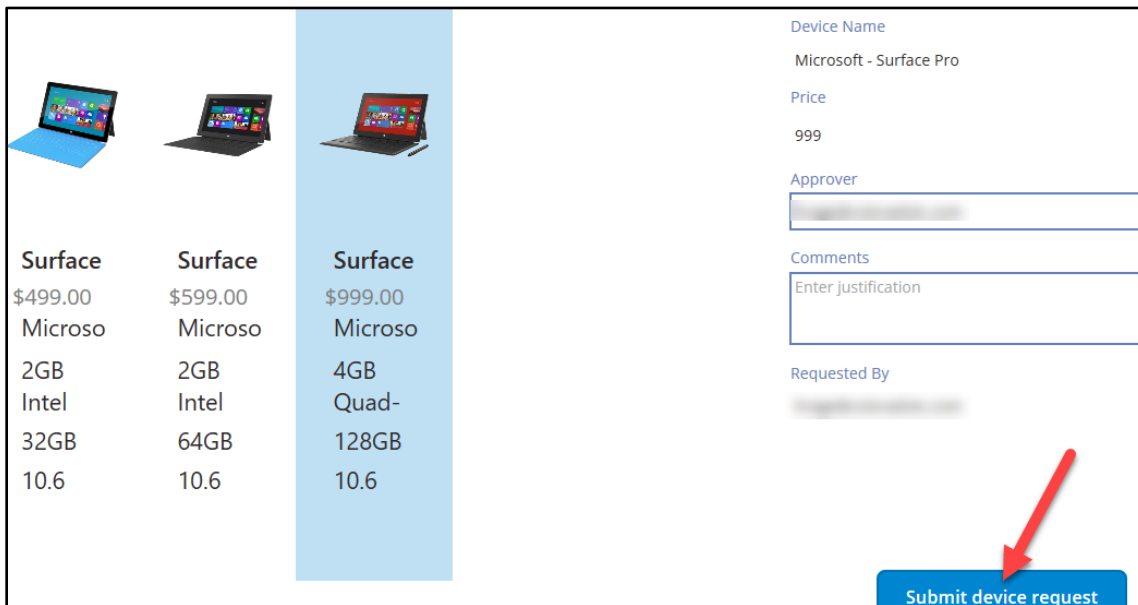
7. Select few devices and click **Compare**.



The screenshot shows a device selection interface with a sidebar of brand logos (acer, ASUS, DELL, hp, Microsoft, lenovo, SAMSUNG, SONY, TOSHIBA) and a main area displaying four Microsoft Surface devices. The first two are Surface RT and the last two are Surface Pro. Each device has a price and a 'Compare' checkbox. The Surface Pro devices have their 'Compare' checkboxes checked. A 'Clear selection' button is at the bottom left, and a 'Compare 3 item(s)' button is at the bottom right, highlighted with a red box.

Device	Price	Compare
Surface RT	\$499.00	<input checked="" type="checkbox"/>
Surface RT	\$599.00	<input checked="" type="checkbox"/>
Surface Pro	\$899.99	<input type="checkbox"/>
Surface Pro	\$999.00	<input checked="" type="checkbox"/>

8. Select one of the devices and click **Submit**.



The screenshot shows the details of a selected Microsoft Surface Pro device. The device is highlighted in a blue column. To the right, there is a form with fields for Device Name, Price, Approver, Comments, and Requested By. A red arrow points to the 'Submit device request' button at the bottom right.

Device Name	Price
Microsoft - Surface Pro	999

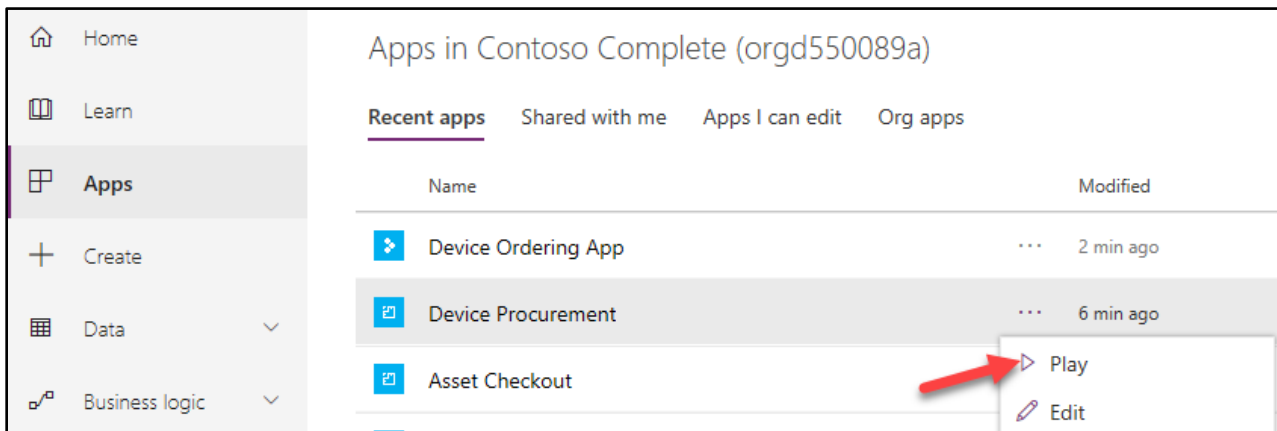
Approver: [Text Box]
 Comments: Enter justification [Text Box]
 Requested By: [Text Box]

Submit device request

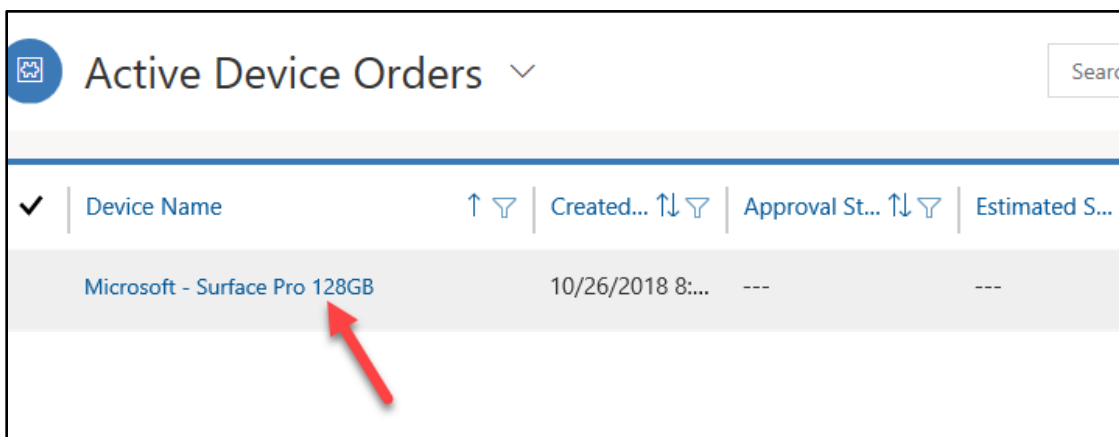
9. Click **OK**.

10. Close the application by simply closing the browser tab.

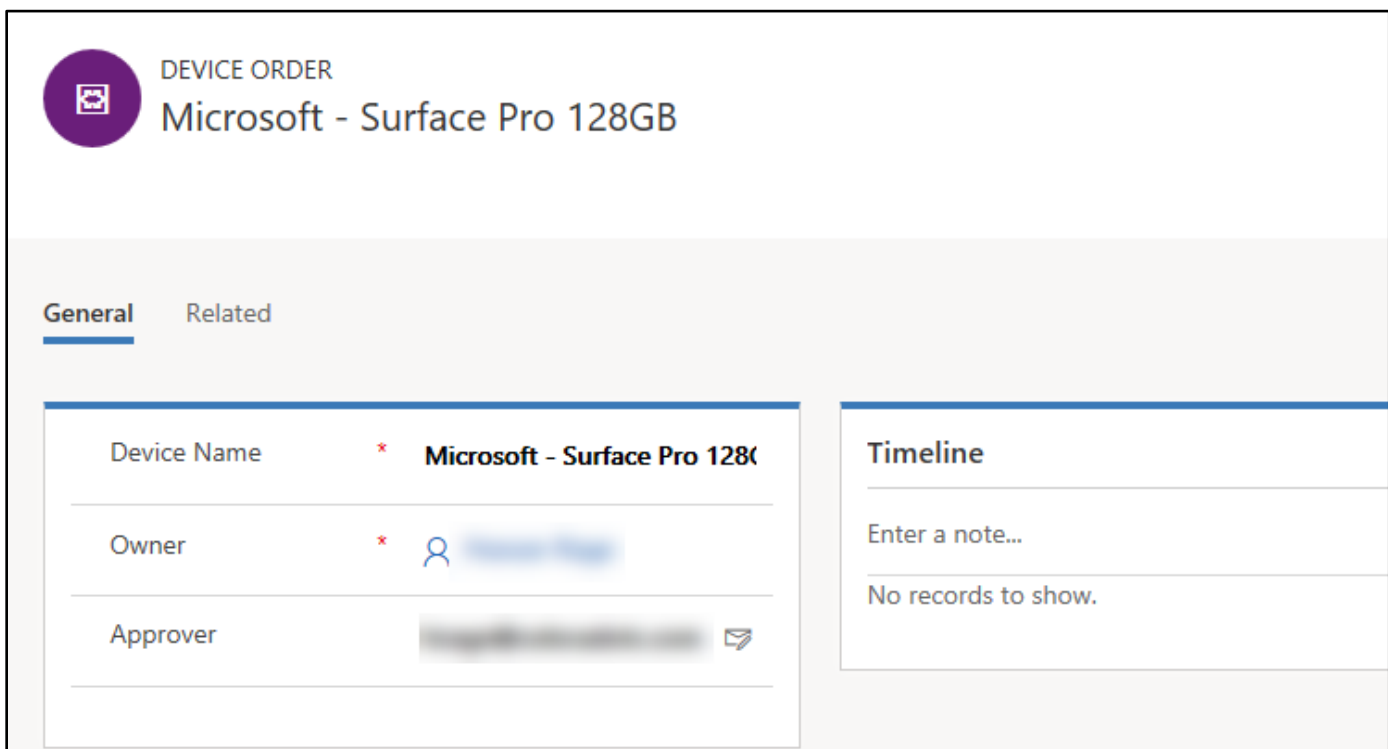
11. Select **Apps** and start the **Device Procurement** application



12. Click to open the record you created in the last task.



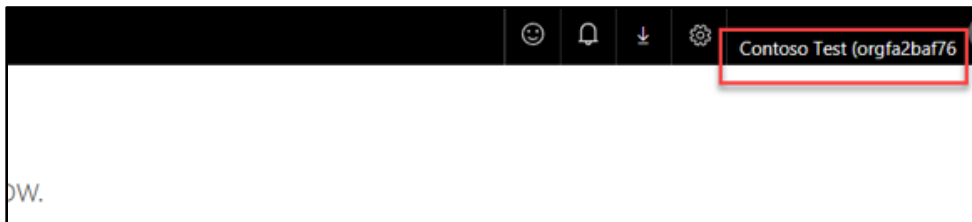
13. The record should load.



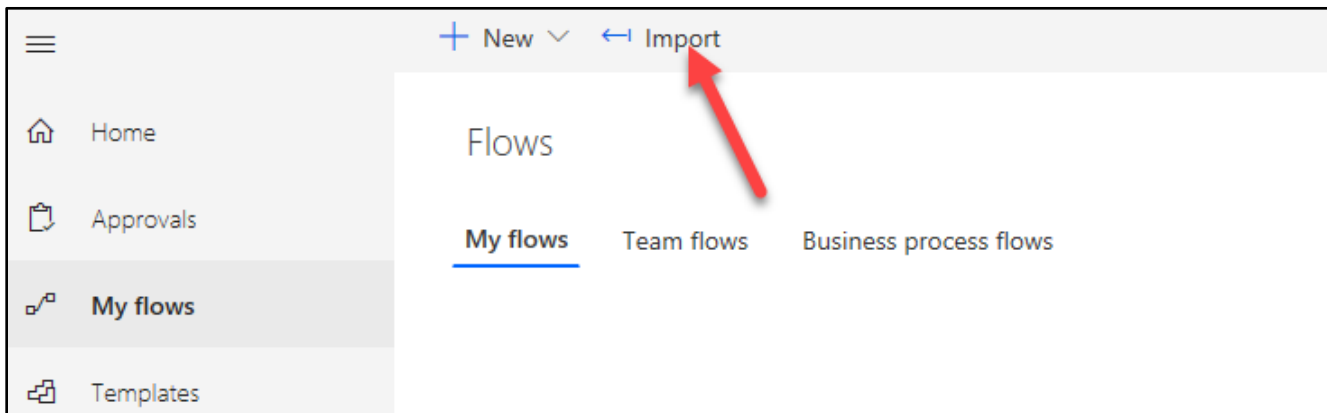
Task 4: Import Flow

In this task, you will import the Device Approval Flow.

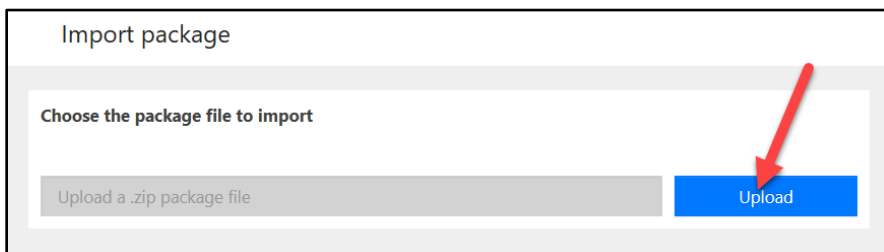
1. Navigate to <https://flow.microsoft.com> login and be sure to select the correct environment (The same one you used when you imported the other components).



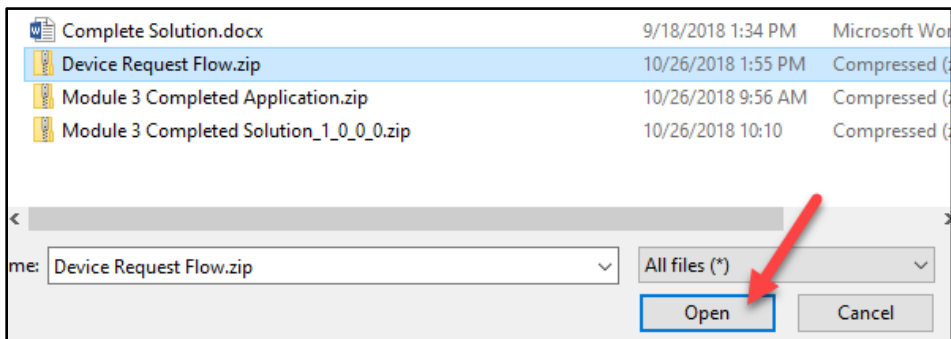
2. Select **My Flows** tab and click **Import**.












3. Click **Upload**.



4. Select the **Device Request Flow** zip file located in Module 4 Complete Solution folder and click **Open**.






5. Click **Action** for **Common Data Service Connection**.


NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 Device approval request	Flow	Create as new	
Related resources			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 [Redacted]	Common Data Service Connection	Select during import	 
 Approvals	Approvals Connection	Select during import	
 [Redacted]	Office 365 Outlook Connection	Select during import	

6. Select the available connection and click **Save**.

The connection or custom API already exists in the environment and must be selected when this package is imported.








 **Create new**  **Refresh list**

NAME	RESOURCE TYPE
[Redacted]	6 min ago 



Save **Cancel**

7. Click the **Action** for **Approvals**.

Related resources			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 [Redacted]	Common Data Service Connection	Select during import	
 Approvals	Approvals Connection	Select during import	 
 [Redacted]	Office 365 Outlook Connection	Select during import	



8. Click **Create New**.

Setup

Select during import

The package creator chose this setup. You can make changes to the import here.

The connection of custom API already exists in the environment and must be selected when this package is imported.

 **Create new**  **Refresh list**

NAME	RESOURCE TYPE
No items	

9. Click **New Connection**.

 **New connection**

Connections in Contoso Test (org58d6d0340)

Name	Modified
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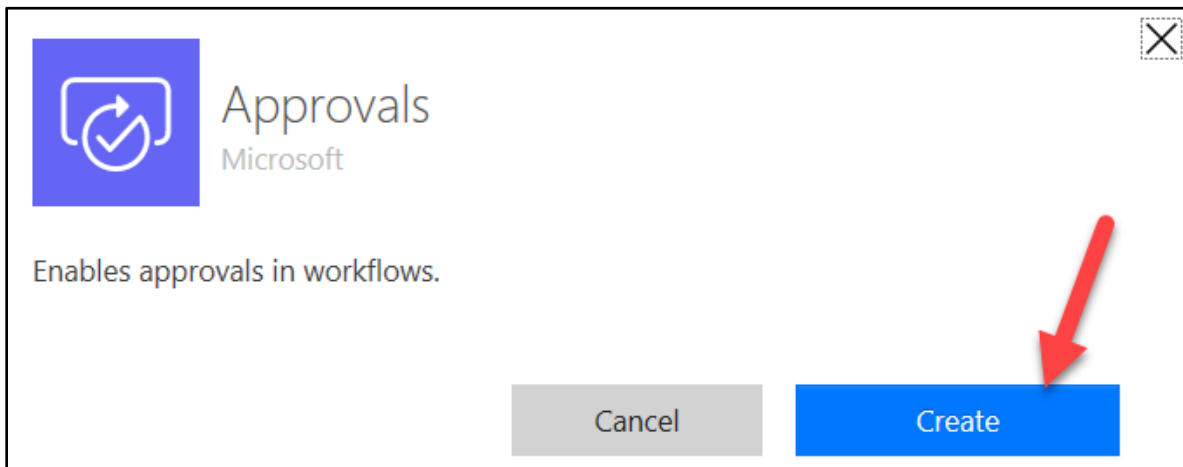
10. Search for **Approvals** and select it.

approvals

Connections > New connection

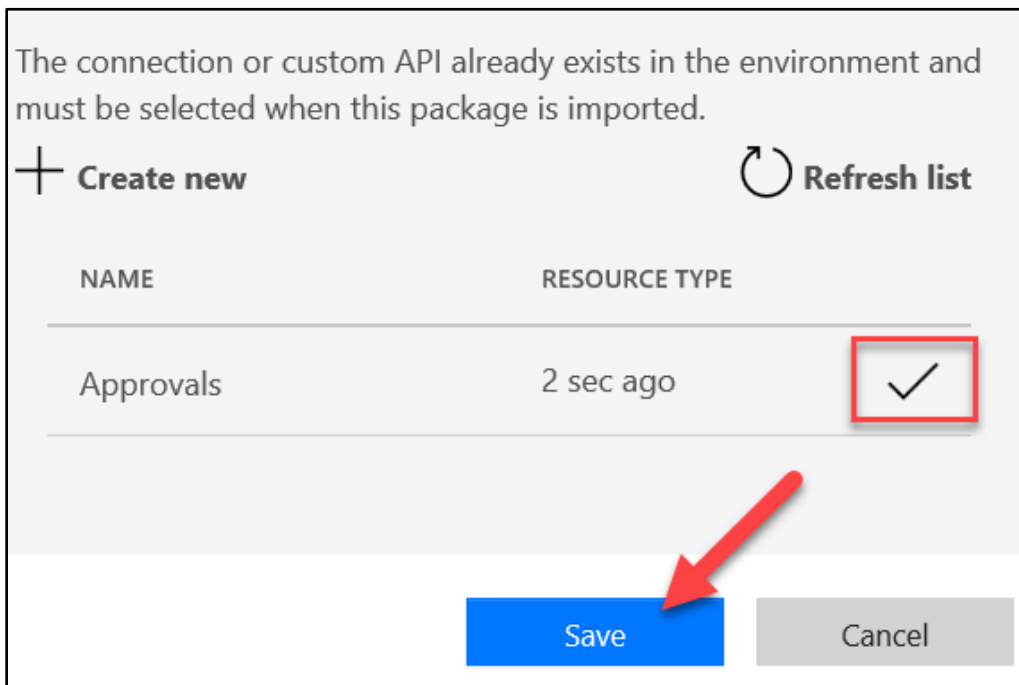
Name	Type
 Approvals Microsoft	Standard

11. Click **Create**.









12. Close the connections browser tab.

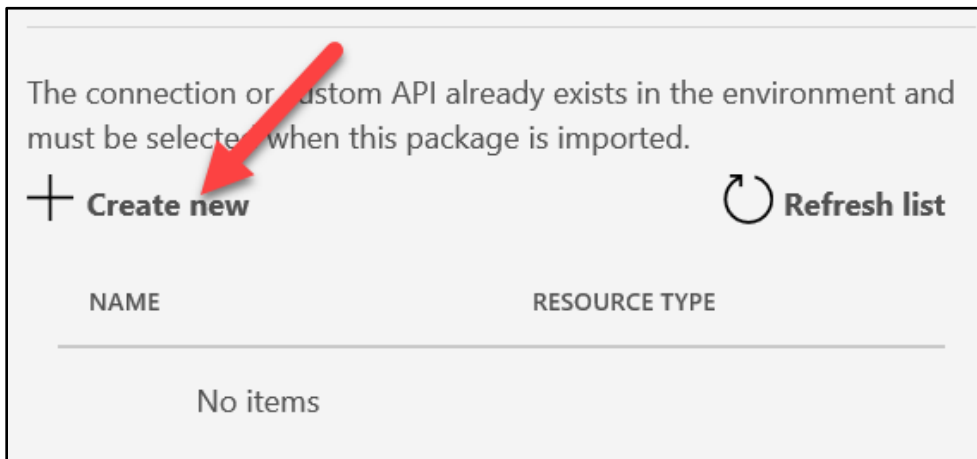
13. Select the **Approvals** connection you created and click **Save**.



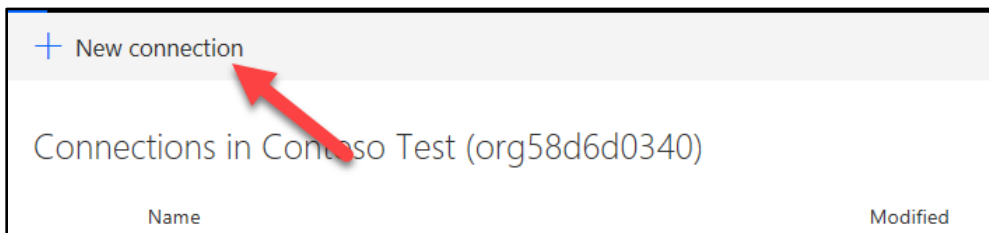
14. Click **Action** for **Office 365 Outlook Connection**.

NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 [blurred]	Common Data Service Connect ion	Select during import [blurred]	
 Approvals	Approvals Connection	Select during import Approvals	
 [blurred]	Office 365 Outlook Connection	Select during import	

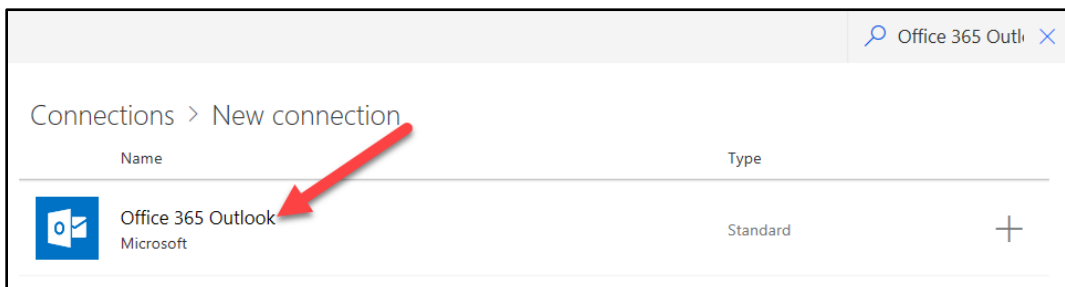
15. Click **Create New**.



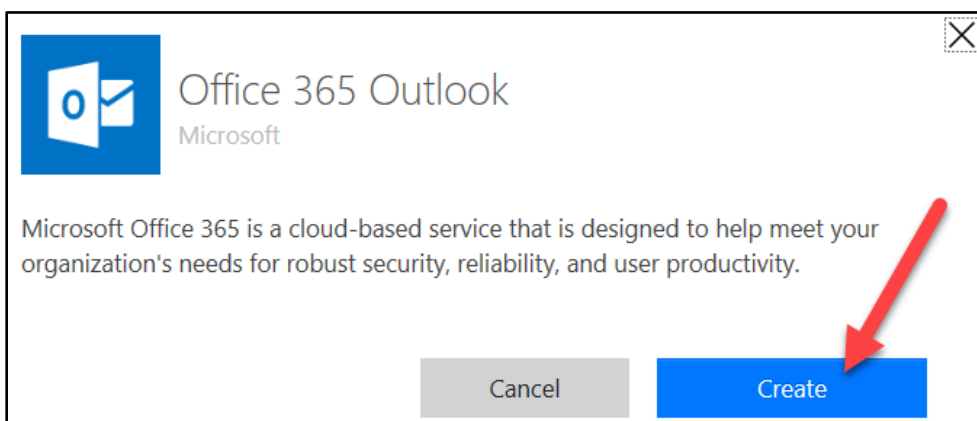
16. Click **New Connection**.



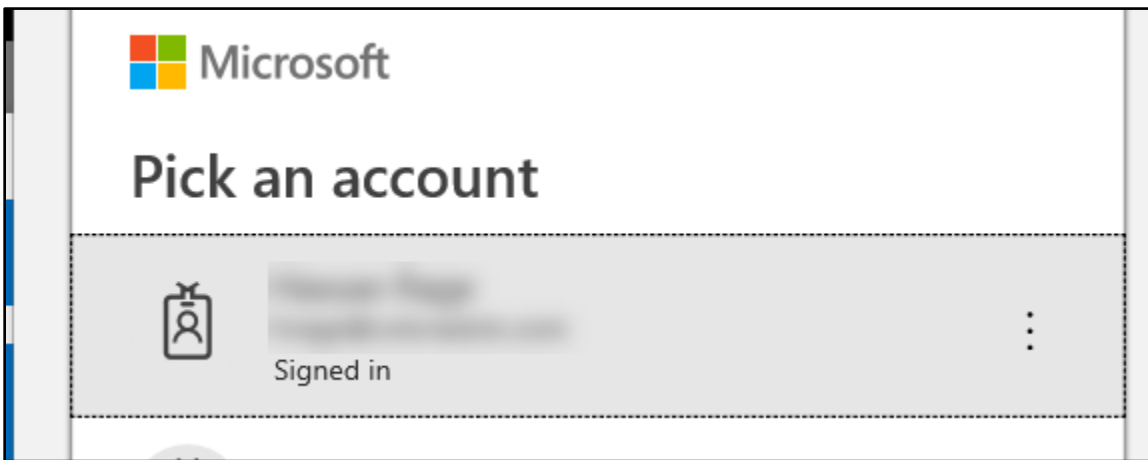
17. Search for **Office 365 Outlook** and select it.



18. Click **Create**.

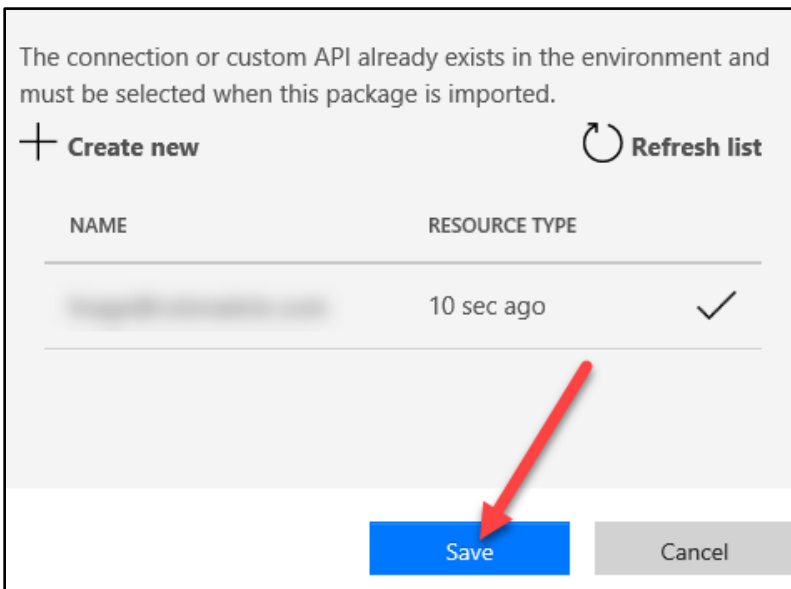


19. Select the User you are logged in as.

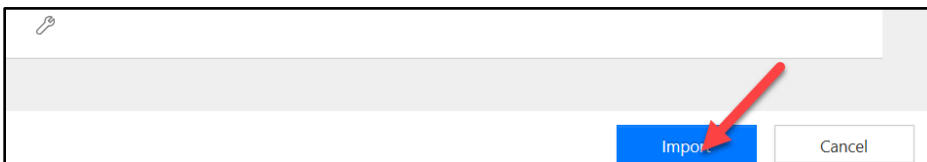


20. Close the connection browser tab.

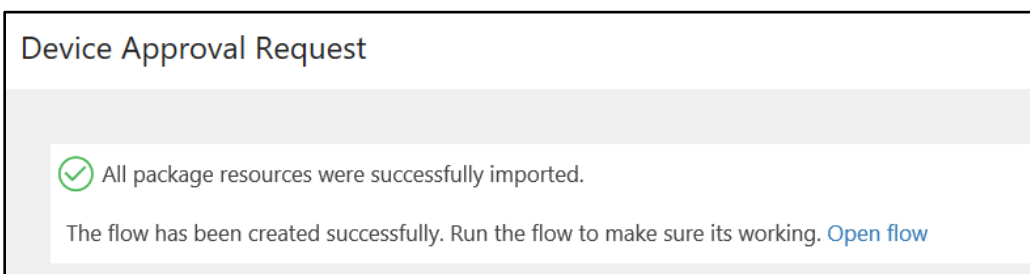
21. Select the Connection you created and click **Save**.



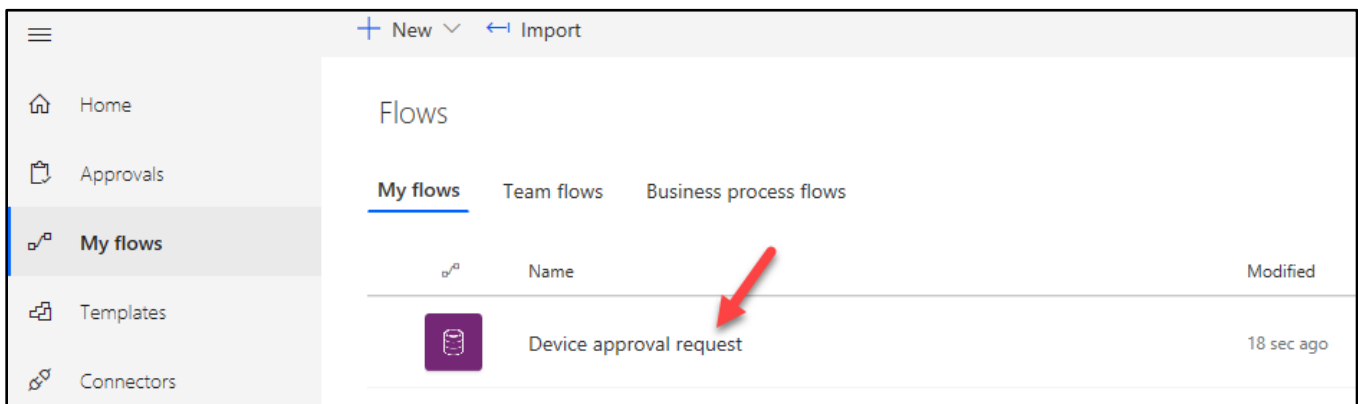
22. Click Import.



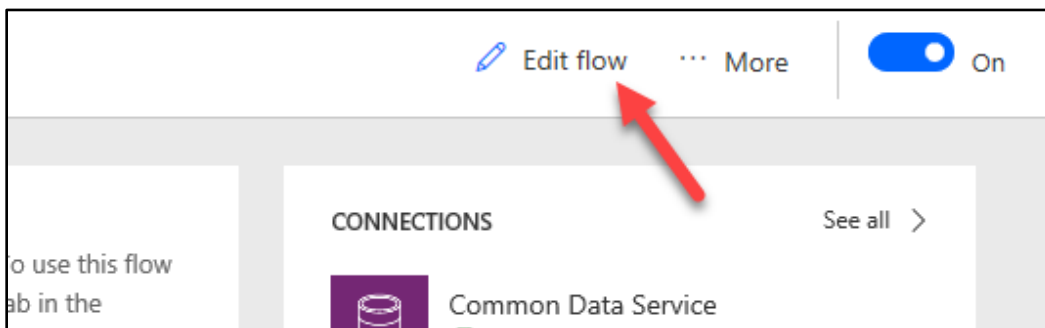
23. Wait for the import to complete.



24. You will now have an active **Flow**. Click to open.



25. Click Edit Flow.



26. The Flow will look like the image below.

