

How To Install Canvas App Hub Suite Solution

Nghiem Doan
May 2nd, 2023

Table of Contents

Summary	2
Prerequisite.....	2
Option 1: Install Solutions from AppSource	2
Option 2: Install Solutions from GITHUB	2
Step 1: Download solution from GitHub.....	2
Step 2: Import Solution to Power Apps Environment	2
Step 3: Publish the changes	5
Step 4: Verify and turn on the Flow if needed.....	5
Step 5: Import Data to App table.....	6
Step 6: Upload/Edit the icon for each row in App Menu (optional).....	7
Step 7: Run the Admin Flow to update the Power App ID	8
Step 8: Test the Canvas App	12

Summary

This document provides steps to install the Canvas App Hub Suite Solution in your system.

Prerequisite

You may need [PowerApps licenses](#) to use the demo.

If the AppSource installation error states that **You do not have permissions to install**, contact the systems administrator to get the right permission.

Option 1: Install Solutions from AppSource

TBD

Option 2: Install Solutions from GITHUB

Step 1: Download solution from GitHub

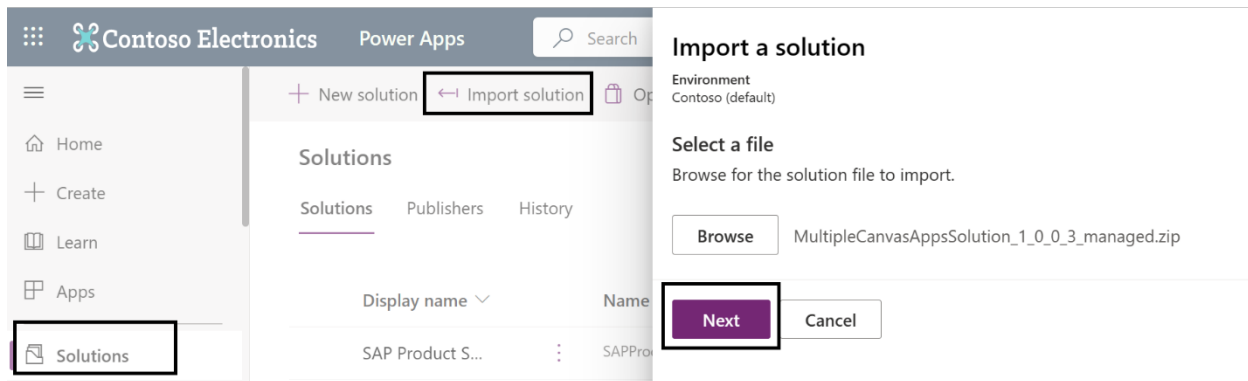
Download Solutions from GitHub. You can pick a managed ([MultipleCanvasAppsSolution_1_0_0_3_managed.zip](#)) or unmanaged solution ([MultipleCanvasAppsSolution_1_0_0_3.zip](#)).

Link: [CanvasAppHubSuite/resources at main · nghiemdoan-msft/CanvasAppHubSuite \(github.com\)](https://github.com/nghiemdoan-msft/CanvasAppHubSuite)

Step 2: Import Solution to Power Apps Environment

Go to make.powerapps.com

Go to Solution tab, select import solution and select the MultipleCanvasAppsSolution



Select Next till you see the pop up required for Connections of Power Apps for Admin and Dataverse.

Create New Connection, it would open a new tab to add Power Apps for Admins connection.

← Import a solution



Environment
Contoso (default)

 Refresh

Connections

Re-establish connections to activate your solution. If you create a connection you must Refresh. You will not lose your import progress.

2 updates needed



Power Apps for Admins MultipleCanv...
nd_sharedpowerappsforadmins_47f2e



Microsoft Dataverse MultipleCanvasA...
nd_sharedcommondataserviceforapps_...

Select a connection



+ [New connection](#)

Import

Cancel

Select Create, you might need to sign in again to your Office 365 account



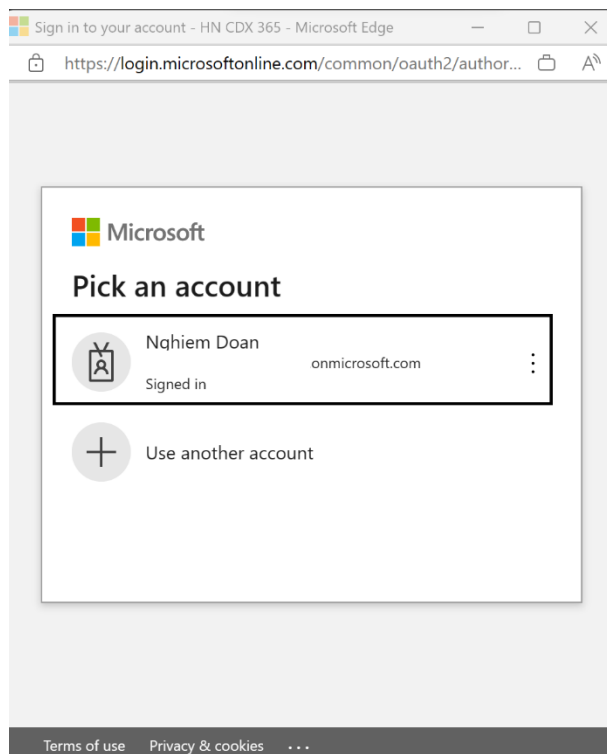
Power Apps for Admins
Microsoft



Power Apps Management Connector for Administrators

Cancel

Create



When Power Platform Admin Connection is created, go back to the Solution import tabm refresh and select the newly created Connection.

Repeat the same steps to create Connection for Microsoft Dataverse.

Once both connections are created and selected, click Import to start the solution import process.

← Import a solution



Environment
Contoso (default)

↻ Refresh

Connections

Re-establish connections to activate your solution. If you create a connection you must Refresh. You will not lose your import progress.

2 updates needed

	Power Apps for Admins MultipleCanv... nd_sharedpowerappsforadmins_47f2e	admin@[REDACTED]onmicrosoft.... ▾
	Microsoft Dataverse MultipleCanvasA... nd_sharedcommondataserviceforapps_...	admin@[REDACTED]onmicrosoft.... ▾

Import	Cancel
---------------	--------

Step 3: Publish the changes

Once Solution is imported successfully, click **Publish all the customizations** to publish the changes.

☰

Home

+ Create

Learn

Apps

Solutions

Dataflows

+ New solution ← Import solution Open AppSource **Publish all customizations** ...

Search

✓ Solution "Multiple Canvas Apps Solution " imported successfully.

Solutions

Solutions Publishers History

Display name ▾	Name ▾	Created ▾	Version ▾	Managed ▾	Publisher ▾	Solution check
Multiple Canvas Apps Solution	MultipleCanvasA...	1 minute ago	1.0.0.3	Yes	Nghiem Doan	Checked by publ...

Step 4: Verify and turn on the Flow if needed

Make sure the flow **"Admin | Update Canvas App ID for App Menu Table in the current environment"** is turned on. If it is off, turn it on manually.

Objects

Search

All (16)

Apps (6)

Chatbots (0)

Choices (2)

Cloud flows (1)

Component libraries (1)

Connection references (2)

Site maps (1)

Tables (3)

Multiple Canvas Apps Solution > All

Display name	Name	Type	Managed	Last Modified	Owner	Status
Admin Update Canvas App IE	Admin Update ...	Cloud Flow	Yes	2 minutes ago	Nghiem Doan	On
Admin App	nd_AdminApp	Site Map	Yes	2 minutes ago	-	-
Admin App	nd_AdminApp	Model-Driven App	Yes	2 minutes ago	-	On
App	nd_app	Table	Yes	3 minutes ago	-	-
App Feedback	nd_appfeedback	Table	Yes	3 minutes ago	-	-

Step 5: Import Data to App table

Select table "App" to view detail and click Import > Import data from Excel

Objects

Search

All (16)

Apps (6)

Chatbots (0)

Choices (2)

Cloud flows (1)

Component libraries (1)

Connection references (2)

Site maps (1)

Tables (3)

Multiple Canvas Apps Solution > Tables > App

Table properties

Name: App

Primary column: App Name

Type: Standard

Last modified: 4 minutes ago

Schema

Columns

Relationships

Keys

Data experiences

Forms

Views

Charts

Dashboards

Customizations

Business rules

Commands

App columns and data

Created By

Created On

Created By (Delegate)

+21 more

Import

Upload the file **nd_apps.csv** to import the dataset of current app structure. Wait till Mapping status: Mapping was successful, select Import

Import data

Choose the file you want imported for each table, and we'll map the columns that match. [Learn more](#)

Name	File	Mapping status
App	nd_apps.csv	Mapping was successful

Import

✓ Import completed successfully.

Import data

App

Inserts and updates: 7

Refresh the page and we will see app data as below.

App Display Rank	App Name	Display Name	Hide App from...	Launch URL	Power App ID	App Icon	App Description
1	Contoso Main App Hub	Home	Yes		c5fb1f44-7d02-465b...		Contoso Main App Hub acts as
2	Contoso Product App	Product List	No		520a25c6-e0eb-4cfc...		Contoso Product App is a sam
3	Contoso Feeds App	News Feed	No		0c219d11-2cb8-493...		Contoso Feeds App is a sampl
4	Contoso Document Management ...	Documents	No		78944f7d-58fe-4bbc...		Contoso Document Managem
5	Contoso Leave Request App	Submit time off	No		d805175a-35d2-4a4...		Contoso Leave Request App is
6	Power Apps Blog	Power Apps Blog	No	https://powerapps.micr...			Power Apps Blog is a go-to so
7	Power Automate Blog	Power Automate Blog	No	https://powerautomate...			Power Apps Blog is a go-to so
Enter number	Enter text	Enter text		https://	Enter text		Enter text

Step 6: Upload/Edit the icon for each row in App Menu (optional)


Play the Admin App to edit App records.

Select the Contoso Product App record

Power Apps

Admin App

Upload icon iProduct.png fir the Contoso Product App


Contoso Product App - Saved
App

General Related ▾

App Display Rank 2

 App Name * Contoso Product App


 Display Name Product List

 Power App ID 1d03a318-692a-4470-bdb7-1be8102b22a4

 Launch URL ---

 Hide App from Menu No







App Icon



 App Icon URL ---

 App Description ---

Continue to upload the icon for other App tiles as below. You can also choose your favorite icon as needed. Here is the icons for sample App Dataset.

App Display Rank	App Name	App Icon	Icon Preview
2	Contoso Product App	iProduct.png	
3	Contoso Feeds App	iFeed.png	
4	Contoso Document Management App	iDocument.png	
5	Contoso Leave Request App	iLeave.png	
6	Power Apps Blog	PowerApps.png	
7	Power Automate Blog	PowerAutomate.png	

Step 7: Run the Admin Flow to update the Power App ID

Double click on the flow “Admin | Update Canvas App ID for App Menu Table in the current environment” to see the detail of the flow.

Select “Run” the flow.

Contoso (default) > Cloud flows > Admin | Update Canvas App ID for App Menu Table in the current environment

Details [Edit](#)

Flow Admin Update Canvas App ID for App Menu Table in the current environment	Status On
Owner Nghiem Doan	Created May 1, 07:54 PM
	Modified May 1, 07:54 PM
	Type Instant
	Plan The user who runs the flow

Connection References

	Power Apps for Admins M	admin@	onm	✓
	Microsoft Dataverse Multi	admin@	onm	✓

Owners [Edit](#)

	Nghiem Doan
--	-------------

Solutions ⓘ

Solution Name	Managed
Multiple Canvas Apps Solution	Yes

28-day run history ⓘ [Edit columns](#) [All runs](#)

Your flow hasn't been run yet. Select **Run** to see it work.

Run flow



Admin | Update Canvas App ID for App Menu Table in the current environment

Owner: Nghiem Doan

Sign in *

This flow uses the following apps. A green check means you're ready to go.



Power Apps for Admins
nd_sharedpowerappsfor...



Continue

Cancel

Run flow



Admin | Update Canvas App ID for App Menu Table in the current environment

Owner: Nghiem Doan

This flow uses Power Apps for Admins, and Microsoft Dataverse.

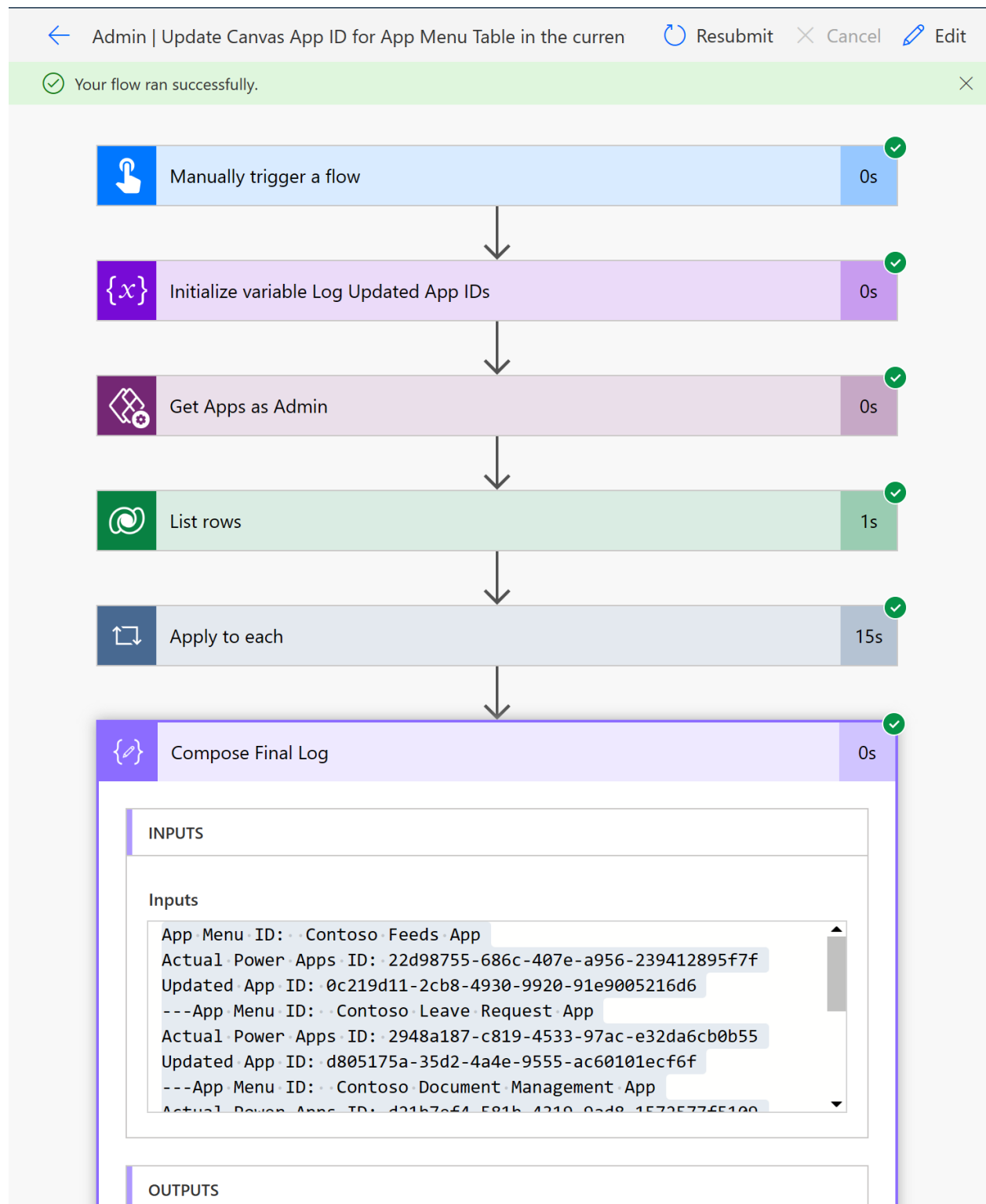
[Review connections and actions](#)

Run flow

Cancel

Once the flow is done, you can check the flow run history.

28-day run history ⓘ Edit columns All runs		
Start	Duration	Status
May 1, 08:53 PM (40 sec ago)	00:00:16	Succeeded



The flow run to make sure we have the right Canvas App ID for the apps in the same environment.

Contoso Feeds App**Details** Versions Connections Flows Analytics (preview)**Owner**

MOD Administrator

Created

5/1/2023, 7:54:18 PM

Modified

5/1/2023, 7:54:19 PM

Web link<https://apps.powerapps.com/play/e8010-3d59b8f55590>**Mobile QR code****App ID**

0c219d11-2cb8-4930-9920-91e9005216d6

License designation

Premium ⓘ

**Contoso Feeds App** - Unsaved
App**General** Related ▾

App Display Rank 3

App Name * Contoso Feeds App

Display Name News Feed

Power App ID 0c219d11-2cb8-4930-9920-91e9005216d6

Launch URL ---

Hide App from Menu No

App Icon



Open Delete






















App Icon URL ---

App Description ---

Step 8: Test the Canvas App

Play the Canvas App "Contoso Main App Hub"

Multiple Canvas Apps Solution > All

Display name ↑ ↓	Name ↓	Type ↓	Managed ↓
 Admin Update Canvas App ID for App Menu Tabl	Admin Update Can...	Cloud Flow	Yes
 Admin App	 Edit	Site Map	Yes
 Admin App	 Play	Model-Driven App	Yes
 App	 Monitor	Table	Yes
 App Feedback	 Details	Table	Yes
 Contoso App Library	 Share	Component Libr...	Yes
 Contoso Document Management App	 Settings	Canvas App	Yes
 Contoso Feeds App	 Wrap	Canvas App	Yes
 Contoso Leave Request App	 Add to Teams	Canvas App	Yes
 Contoso Main App Hub	 Advanced >	Canvas App	Yes
 Contoso Product App	 Remove >	Canvas App	Yes

Now we can use the main app and launch other apps from the Contoso Main App Hub.

