



BING NEWS

JumpStartNinja Technologies

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Purpose

JumpStartNinja Technologies is providing a documentation that would help end users directly deploy the solution into their organization by importing the power app packaged solution. This document concentrates on integrating the power bi Bing News App and the Power App solution.

Objectives

The main objective of this document is to provide a clear instructions and accurate steps for the end users to deploy the power apps along with the Power BI solution. This document also helps in defining how to share the app to internal users inside the organization.

Assumptions

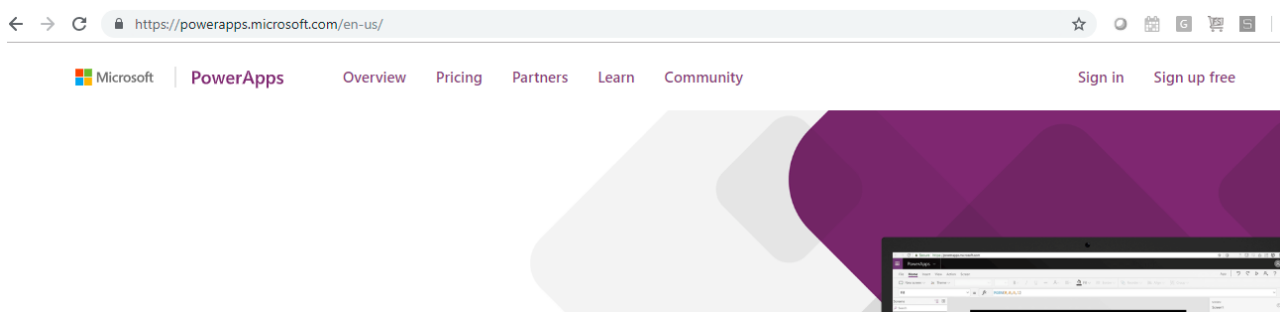
1. A Power BI app through Bing News app gets deployed automatically and generates all the required.
2. Power BI Bing News App gets deployed automatically as before and generates all the required dependencies.
3. New Power App deployment would give a manual approach with all the required tables loaded through the Power BI App deployment steps.

Power App Deployment:

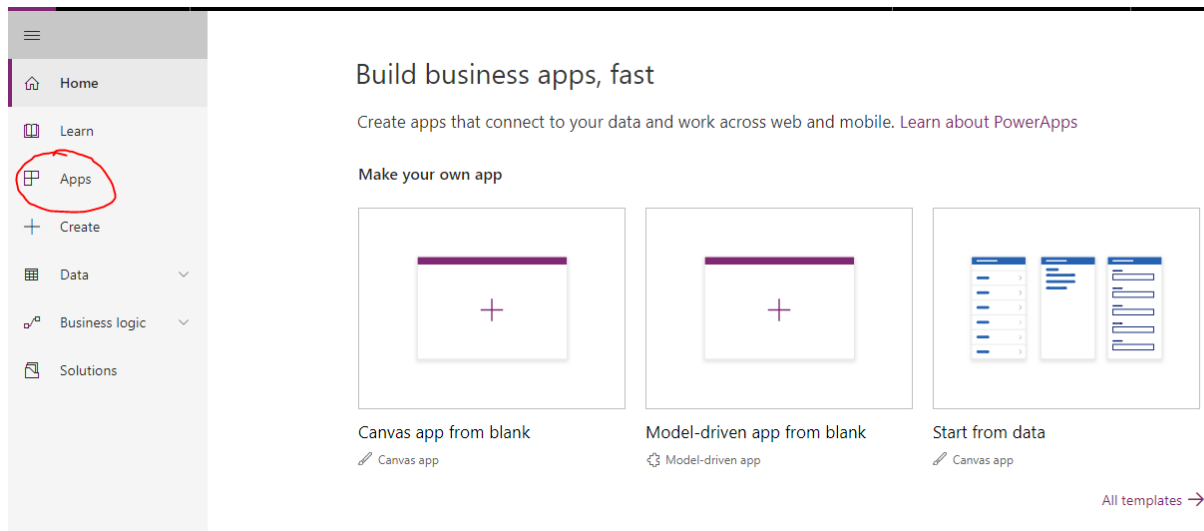
Once the Power BI App is deployed and all the dependent DB tables are created, Power App downloadable link is also provided with the Power BI Desktop File.

Below are the steps lets the users deploy the Power App solution.

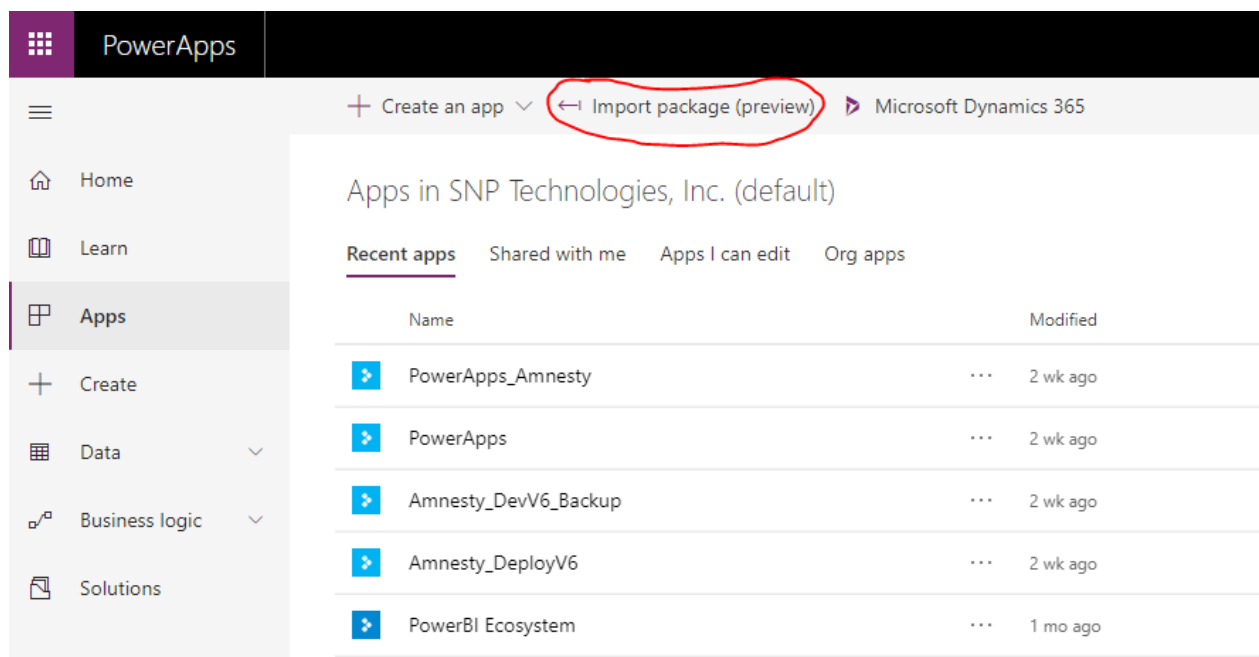
1. Go to Power Apps link and sign in with the Office 365 Credentials: [Link](#)



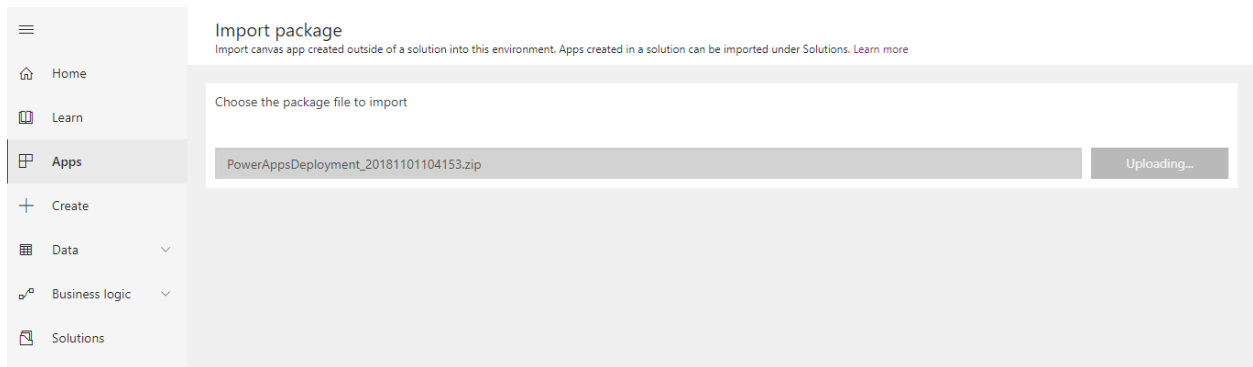
2. Once navigated to the landing page which looks like below, Click on the “Apps” tab on to the left:



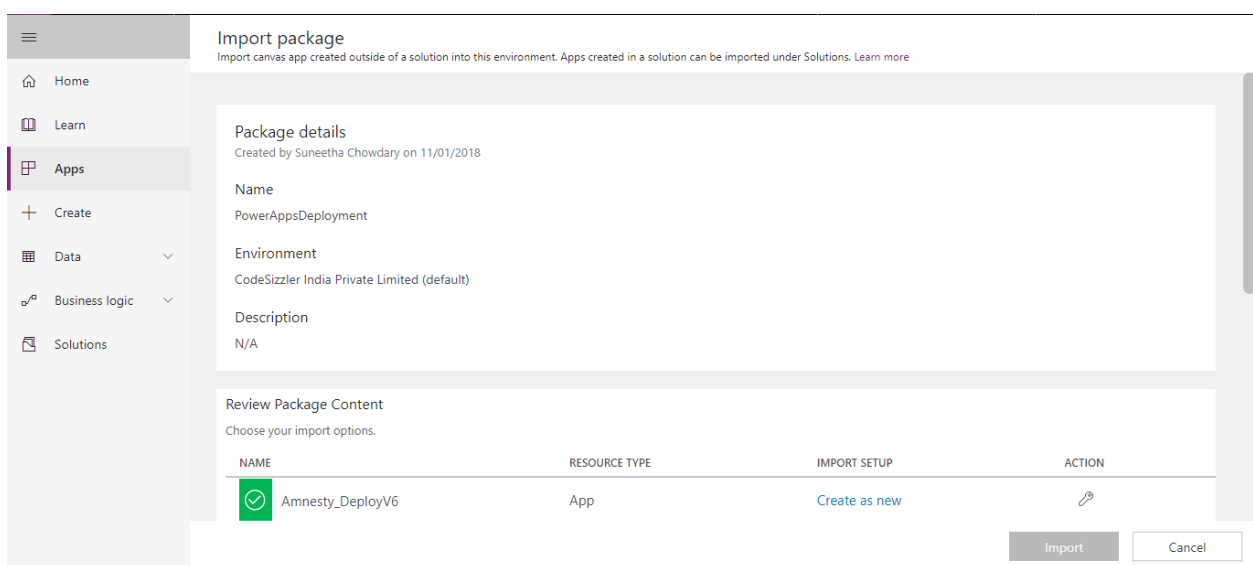
3. This page shows the repository of all the apps under your organization and accessible to the current user. This would be the place where we can Import the downloaded Power App Zip File. Click on the “Import Package” (Still in preview).



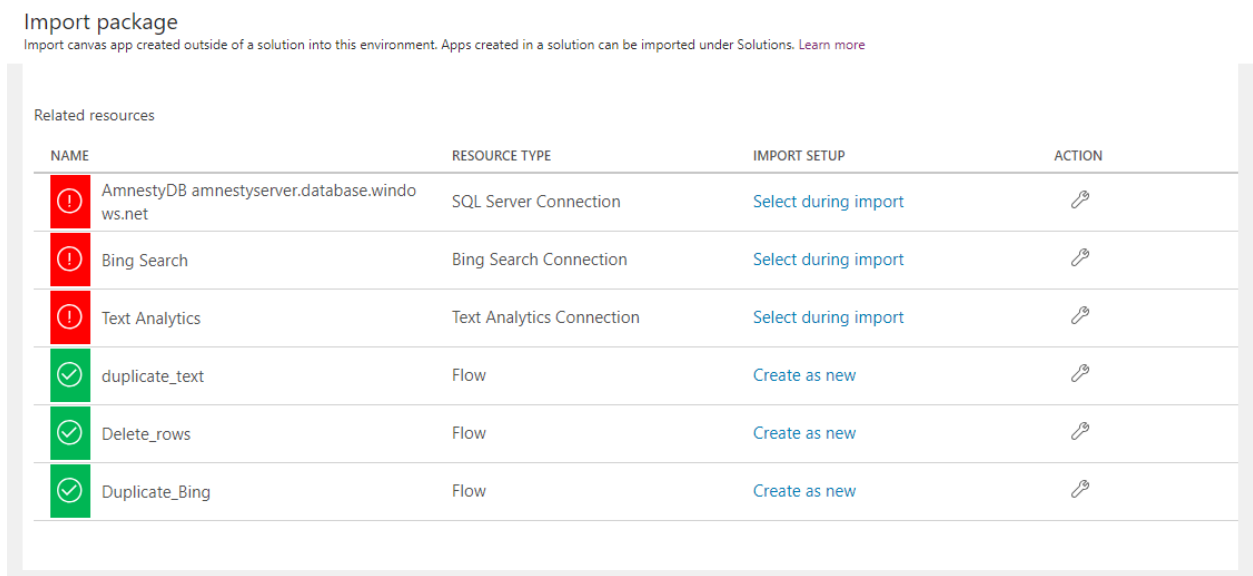
4. Uploaded the zip file of Power Apps as below:



5. Once Deployed, the Power Apps requests for next integrations that are preinstalled with the package.



6. Below are the related resources which are required to be installed along with the Power Apps.



7. From the above we have few are Green Labelled which means they are handled and created automatically. Along with it the Red Labels are which requires the integration with Power Apps. Click on the “Select during import” and change it to” Create New” for each red labelled component as below which navigates to a new page for creating new components:

Import package
Import canvas app created outside of a solution into this environment. Apps created in a solution can be imported under the solution.

Related resources

NAME	RESOURCE TYPE
AmnestyDB amnestyserver.database.windows.net	SQL Server Connection
Bing Search	Bing Search Connection
Text Analytics	Text Analytics Connection
duplicate_text	Flow
Delete_rows	Flow
Duplicate_Bing	Flow

Import setup

Setup

Select during import

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

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
powerappsDB appcreation.database.windows.net	2 wk ago
HealthCare Healthcaresnp.database.windows.net	8 mo ago
test1234	2 wk ago

Save Cancel

8. Click on the “New Connection” below:

PowerApps

+ New connection

9. Below are the 3 components needs to be added:

- SQL Server
- Bing Search
- Text Analytics

- 10.Steps for creating connection for SQL SERVER, From the New Connection windows, on to the right enter “SQL Server” in search as below:

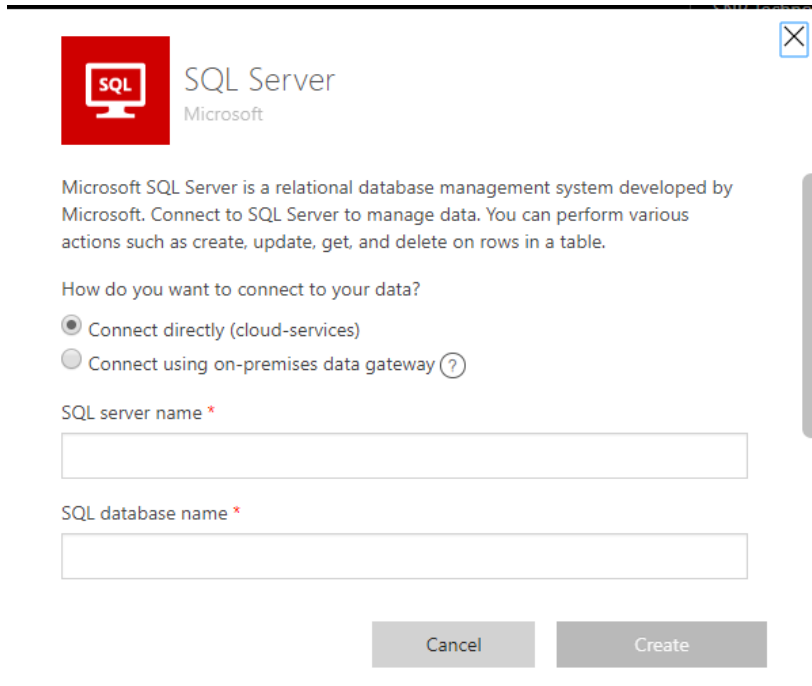
SQL Server

Connections > New connection

Name	Type
SQL Server Microsoft	Standard

+

11. Enter the credentials of SQL DB that was creating while creating the Power BI App and click on create. This would turn on the SQL Server to Green:



SQL Server
Microsoft

Microsoft SQL Server is a relational database management system developed by Microsoft. Connect to SQL Server to manage data. You can perform various actions such as create, update, get, and delete on rows in a table.

How do you want to connect to your data?

☒ Connect directly (cloud-services)

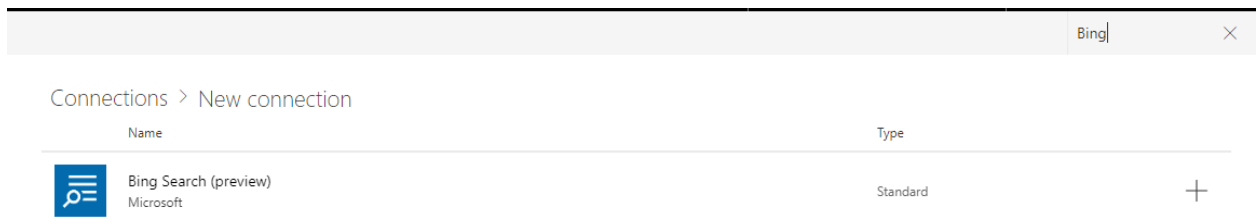
☐ Connect using on-premises data gateway (?)

SQL server name *

SQL database name *


Cancel Create

12. Next enter the “Bing Search” in the search and enter the API Keys from the azure portal:

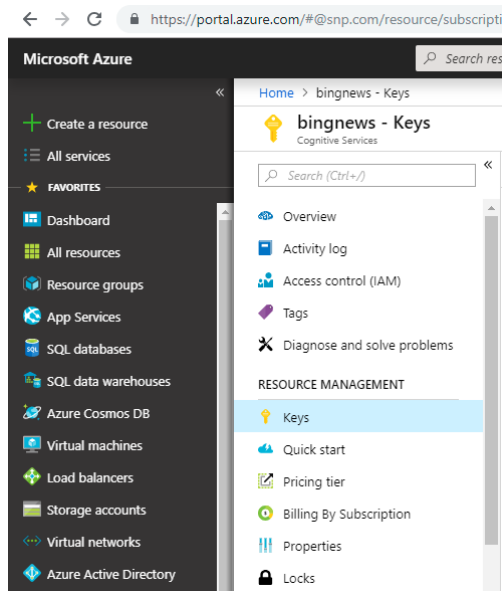


Bing

Connections > New connection

Name	Type
 Bing Search (preview) Microsoft	Standard

Navigate to Azure Portal and open the Bing Search API. Navigate to Keys Tab as below to get the Keys to be entered for Bing Search:



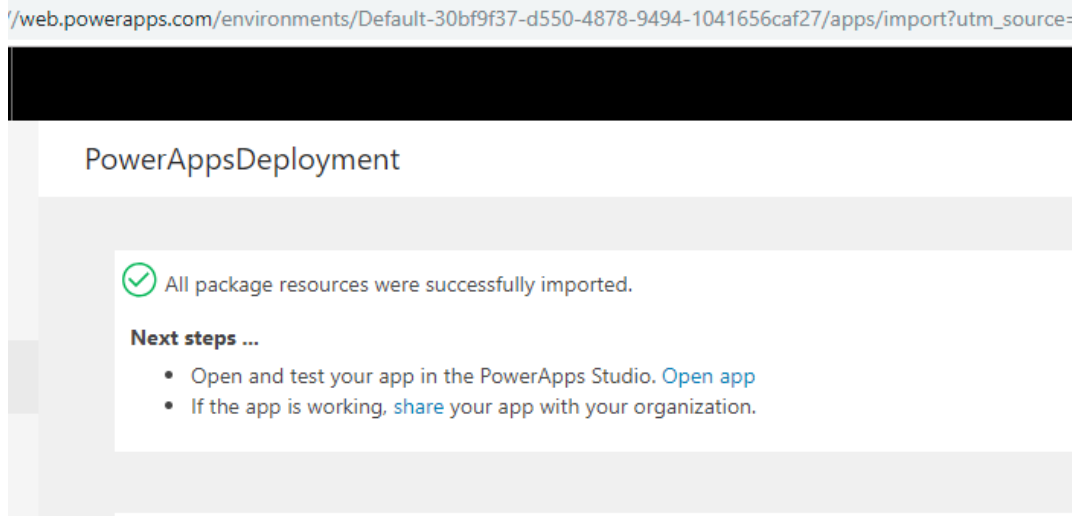
13. Similarly search for “Text Analytics” and enter the Key for it. By this all the connections and integration are completed, and Power Apps is ready for deployment. Below is the sample after integrating all the services.

Related resources			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
AmnestyDB amnestyserver.database.windows.net	SQL Server Connection	Select during import powerappsDB appcreation.databases.windows.net	
Bing Search	Bing Search Connection	Select during import Bing Search	
Text Analytics	Text Analytics Connection	Select during import Text Analytics	
duplicate_text	Flow	Create as new	
Delete_rows	Flow	Create as new	
Duplicate_Bing	Flow	Create as new	

14. The “Import” button is enabled now. Click on it to deploy the solution.

Related resources			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
AmnestyDB amnestyserver.database.windows.net	SQL Server Connection	Select during import powerappsDB appcreation.databases.windows.net	
Bing Search	Bing Search Connection	Select during import Bing Search	
Text Analytics	Text Analytics Connection	Select during import Text Analytics	
duplicate_text	Flow	Create as new	
Delete_rows	Flow	Create as new	
Duplicate_Bing	Flow	Create as new	

15. It takes a few minutes for deploying the solution.



16. Once done, click on the “Open App” which will redirect to the app. This completes the deployment.

Support

Any issues related to deployment or usability, you can mail us at srikar@jumpstartninja.com. We will help you resolve it by connecting with you.

Next Steps for Enterprise Scale

- Define the enterprise scale implementation model.
- Create multi user authentication and keywords integration
- Define the Threshold Limits for Org level Technical Price Limitations
- Integrate with AAS for faster Integration and Near Real Time Mapping.
- Role based Security for User Data Definitions