

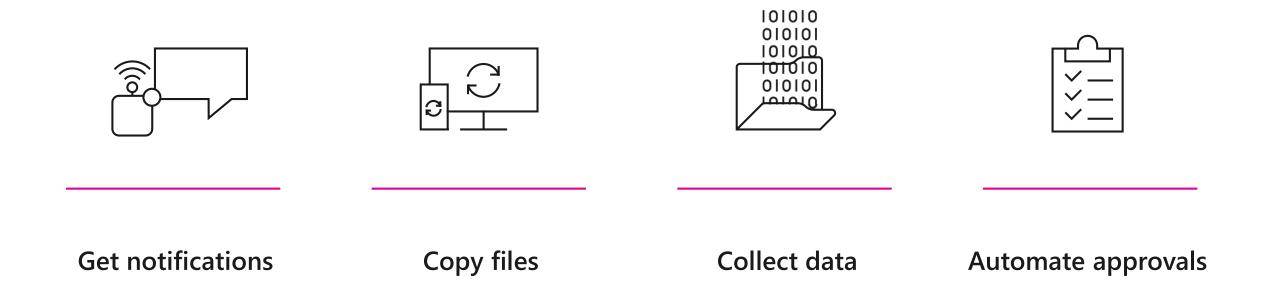
Flows by Example

Aric Levin

Lead Software Architect
Technical Project Manager



Microsoft Flow helps non-developers work smarter by automating workflows across apps and services



Work less, do more

12:30

s 🕽

Microsoft Flow helps people and teams work smarter by automating processes across their apps and data

My flows

Get a notification when

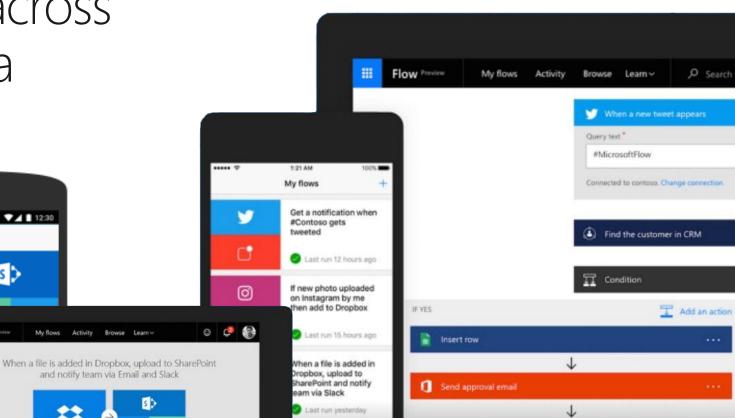
Last run 12 hours a

If new photo uploade

on Instagram by me

then add to Dropbox

#Contoso gets

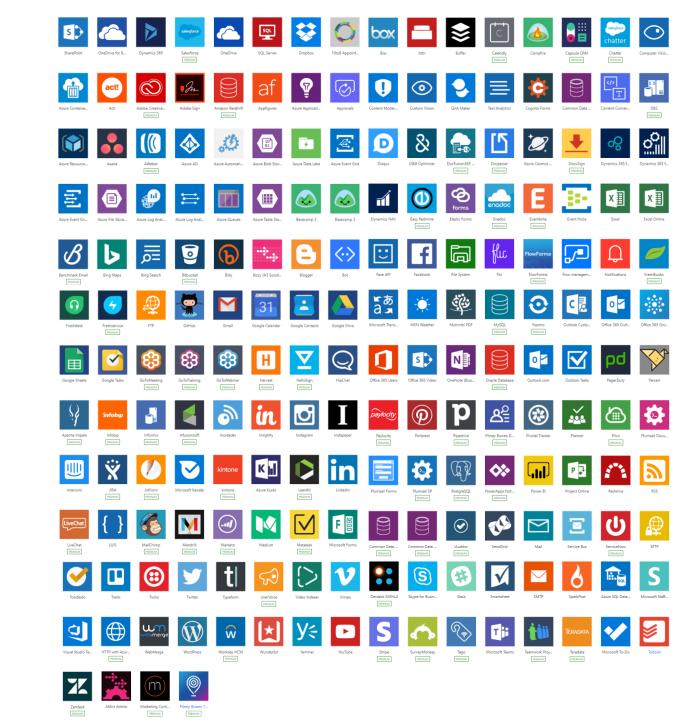


Integration + Connectivity

Built-in connectivity to 195+ SaaS cloud services, file providers, databases, web APIs, productivity apps, and more

Connect to on-premises systems via Data Gateway

Pluggable extensibility via Custom Connectors to integrate existing LOB systems into Flow





Components of flows

- Starts with an event or trigger
- Performs any number of actions
- Can trigger other workflows

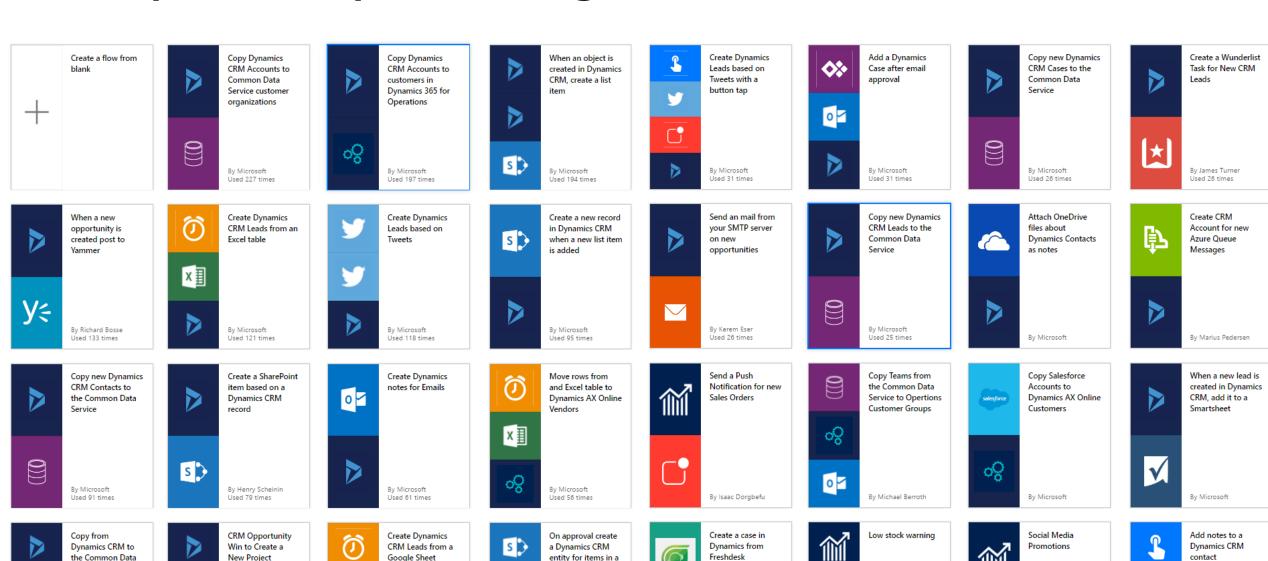


Templates help users to get started

Service and

Operations

P↓



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SharePoint list

0 7

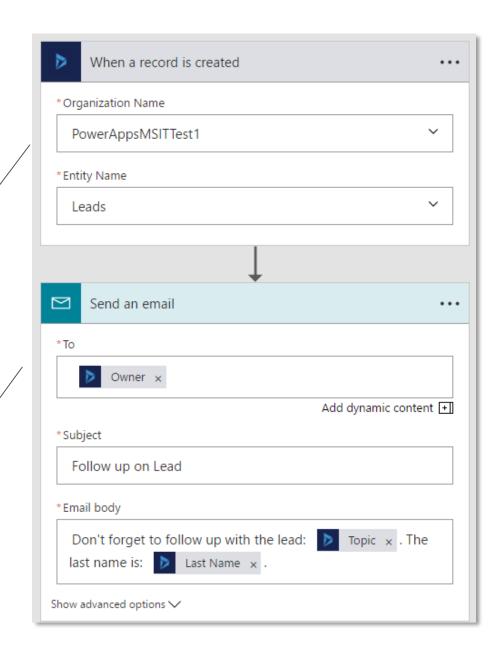
What makes up a flow?

Example: Notification Flow on Dynamics 365

Trigger – the event that kicks off the flow

In this example When a record is created

Actions – what the flow does Send an email



Triggers

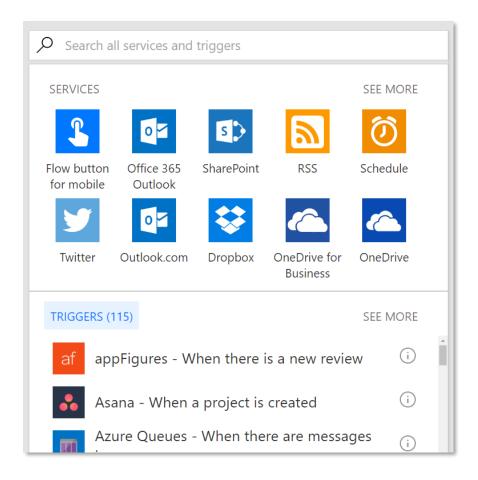
Run manually based on user action

- From dedicated Flow button
- **№** From other apps PowerApps, SharePoint...

Run on a schedule

From every minute to 4am on Saturdays

Run based on an event that happens in a cloud or on-premises service



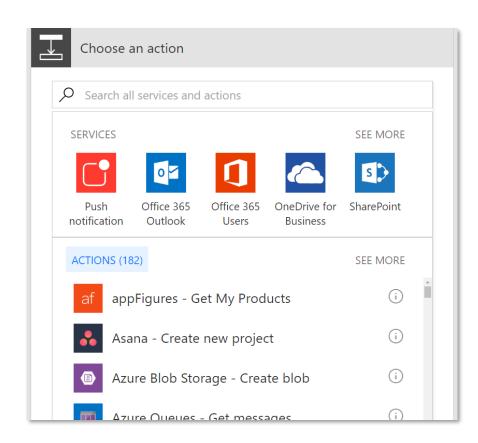
Actions

Any number of steps that run after the trigger

Connect to any cloud service or via the on-prem data gateway

Connect to any HTTP endpoints if there's no out-of-box connector

Some actions may not even use connections – just manipulate data locally



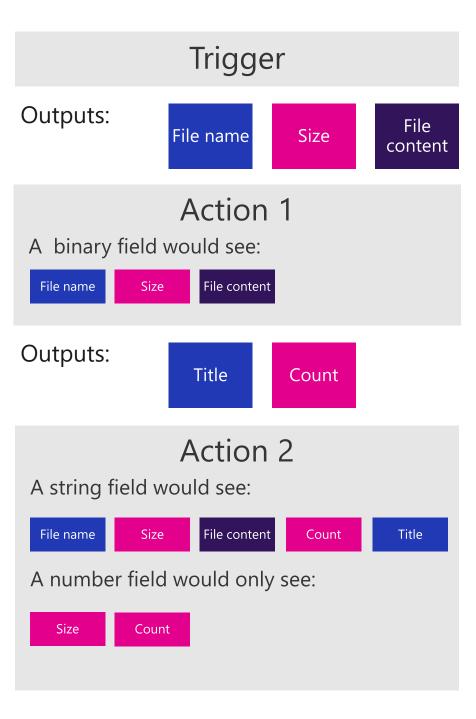
Flowing data

Data 'flows' from each step and is available for all later steps

Use Add Dynamic Content to select outputs from previous steps

Certain outputs show up based on

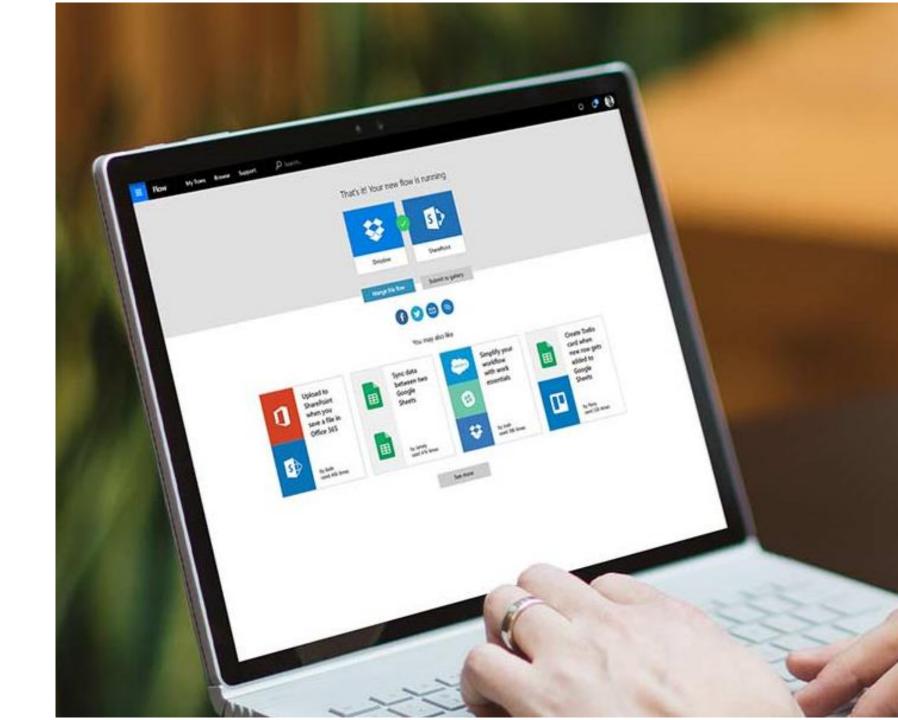
the types of the inputs and outputs



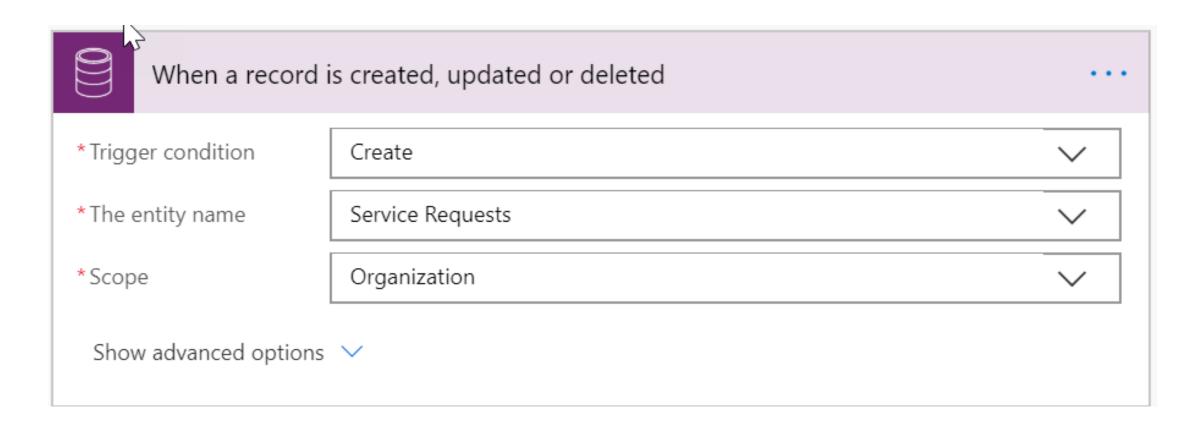


Demonstration

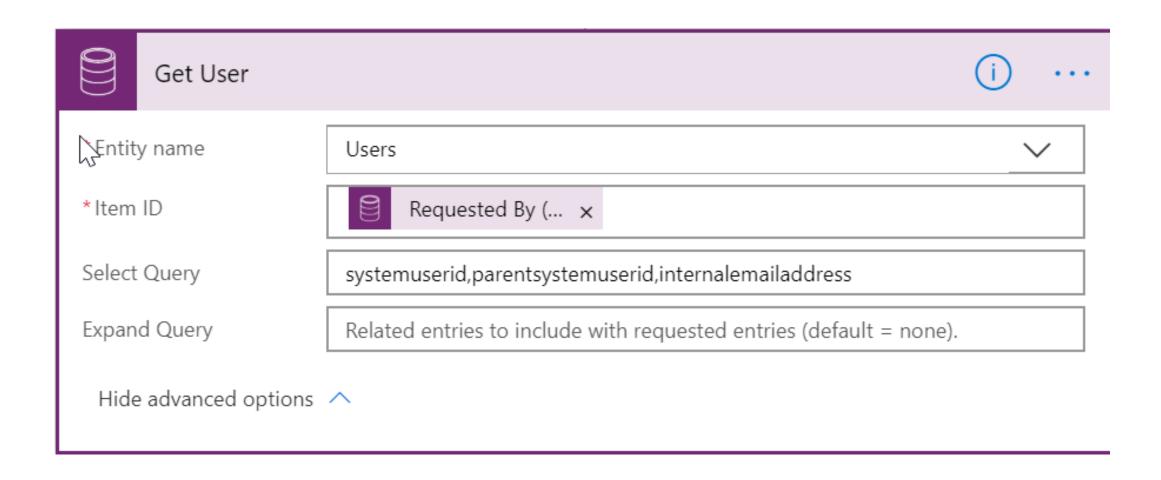
Service Request



Trigger when a new Service Request is created



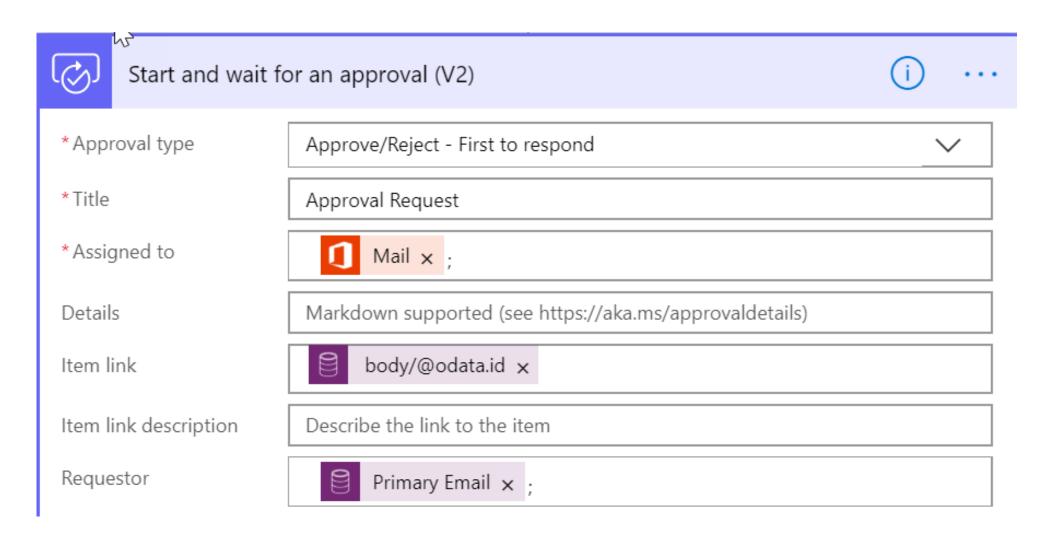
Retrieve the user info of the submitter



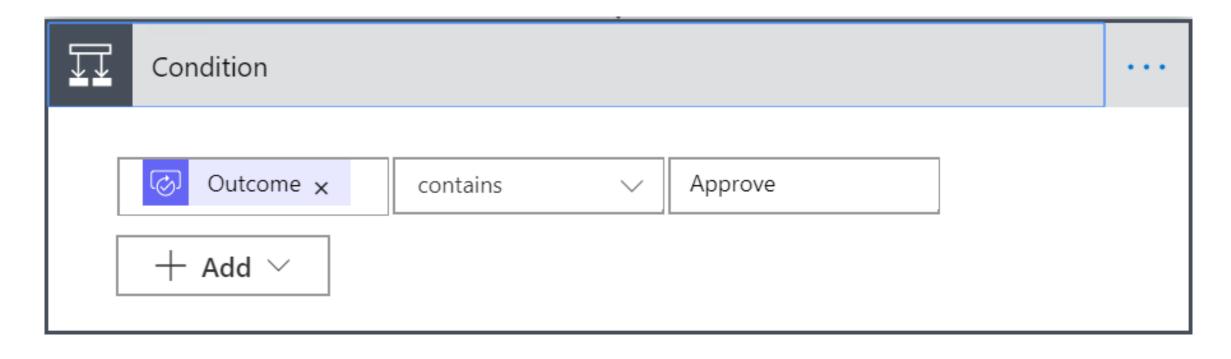
Retrieve the manager info from Office 365



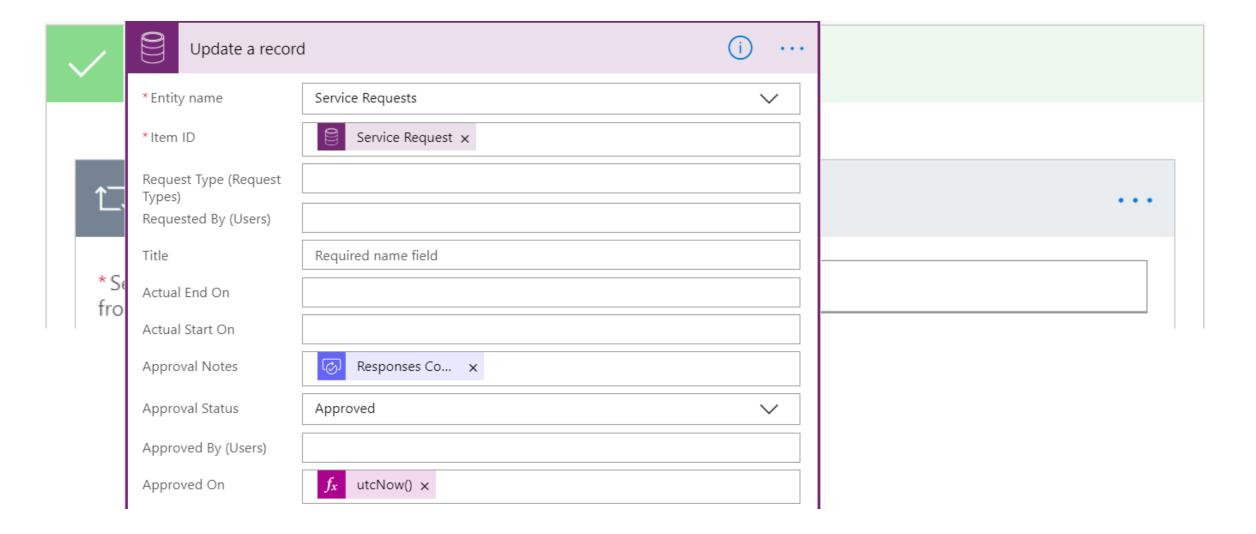
Start the approval process and wait for Approval



Check the results of the Approval



Perform your Approval

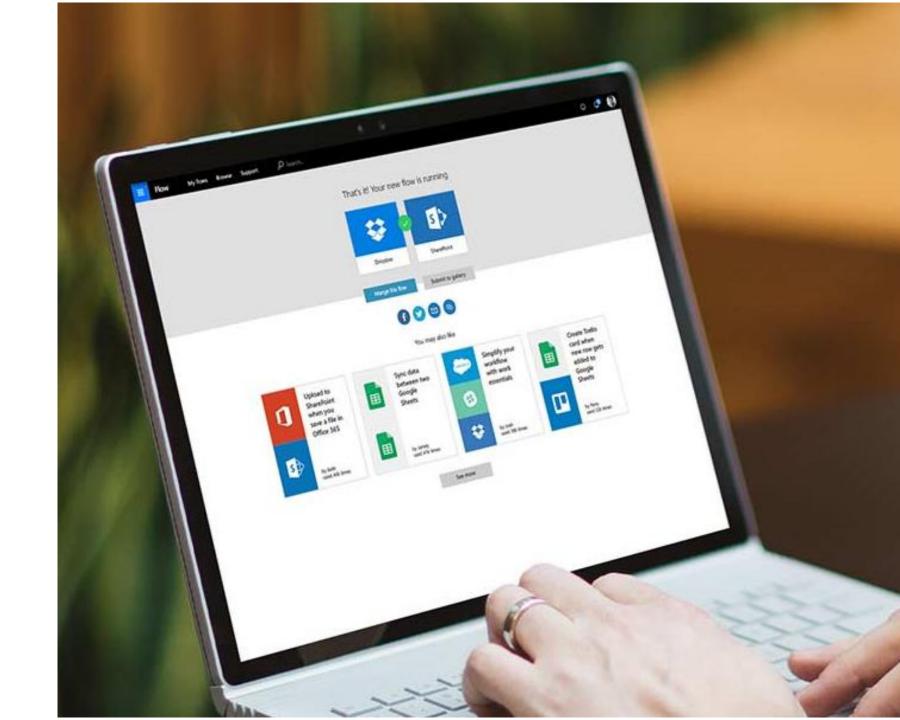


Perform your Rejection

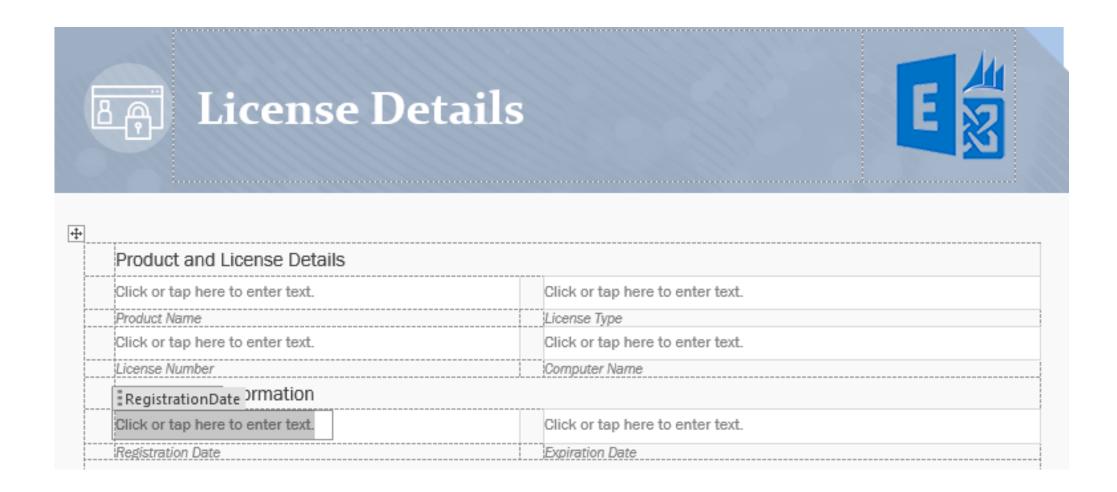


Demonstration

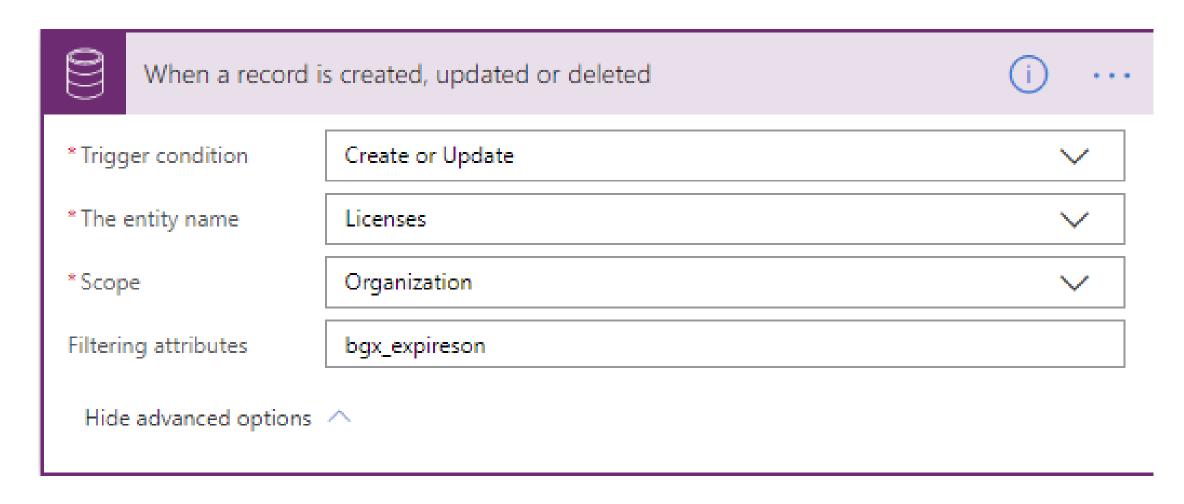
Document Generation



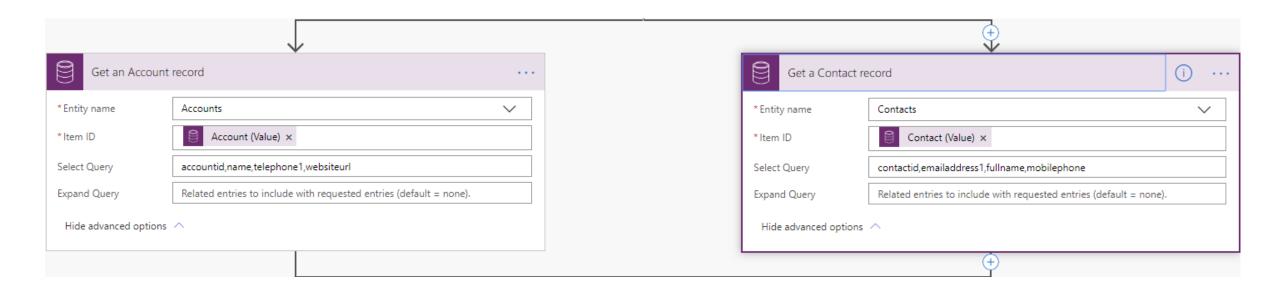
Create the document template



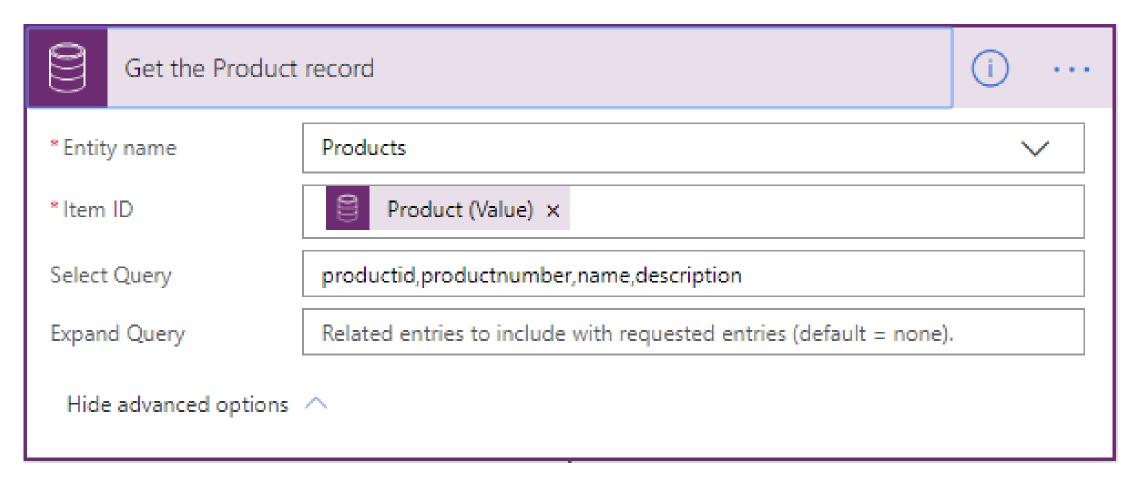
Add a trigger to your flow



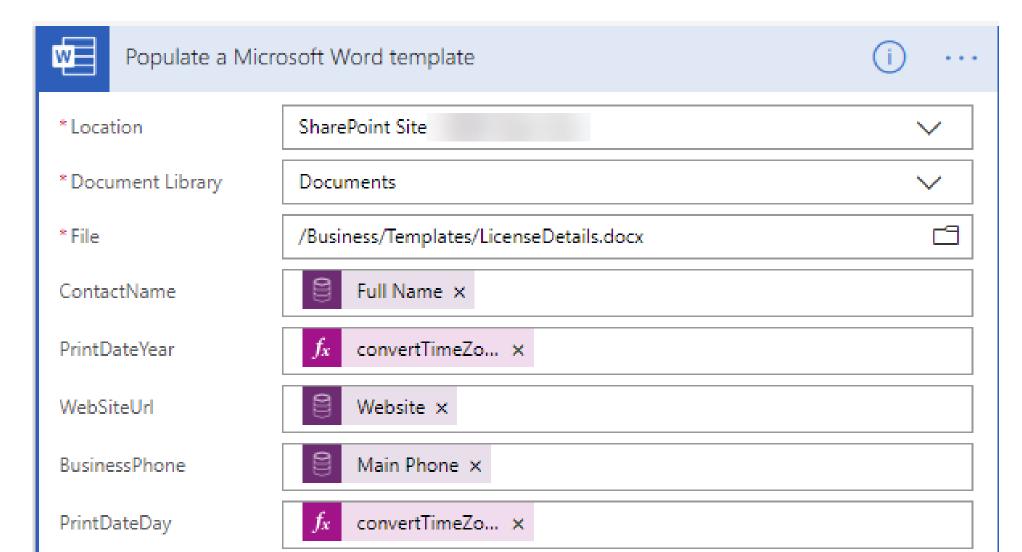
Get simultaneous data from entities



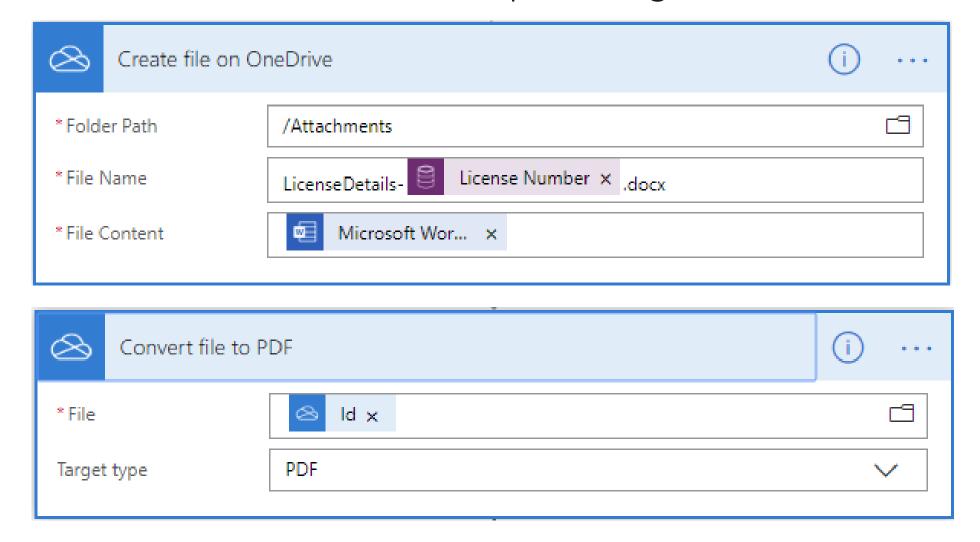
Get your product data



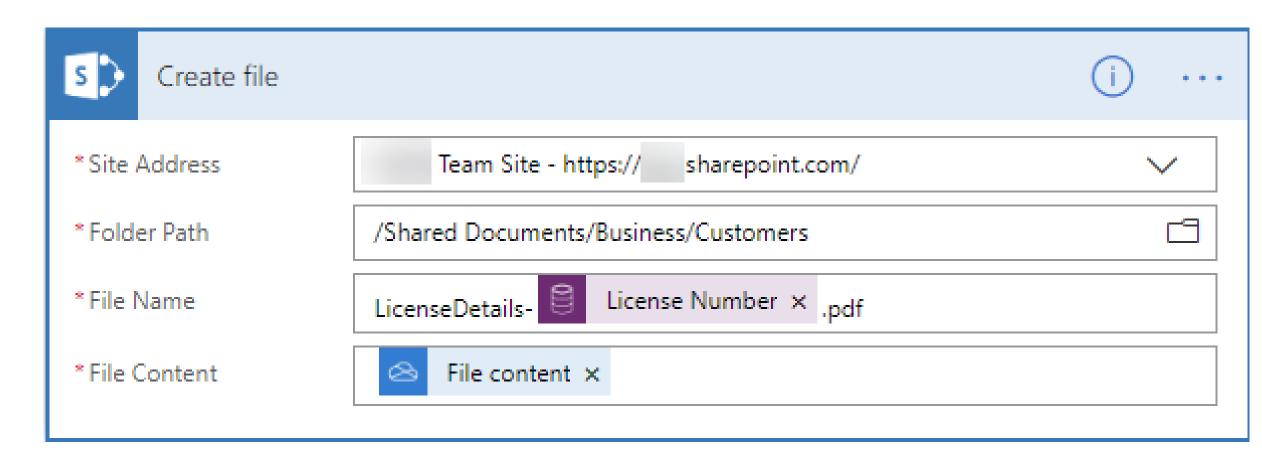
Populate the data in your word template



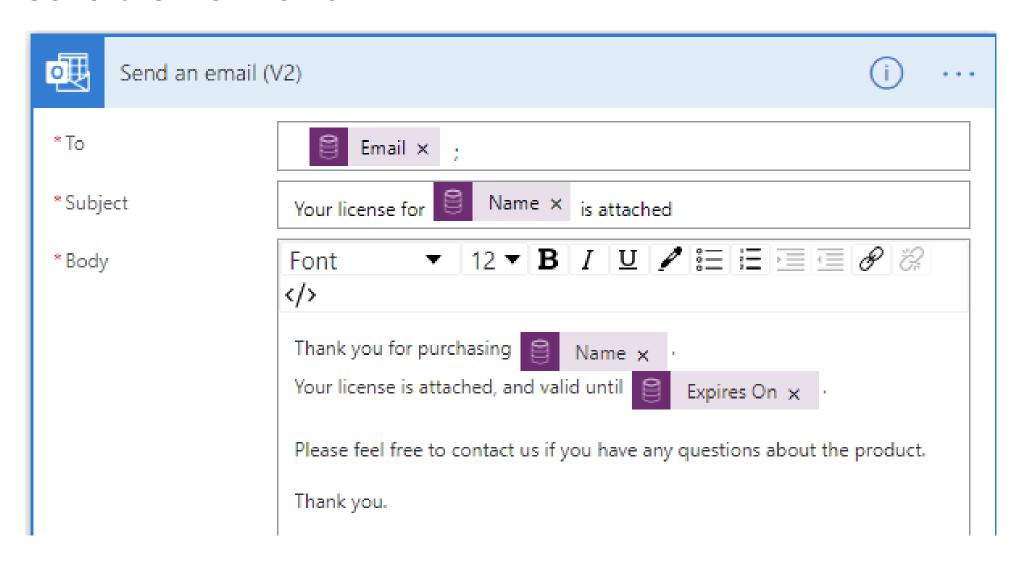
Create the file and convert to pdf (using OneDrive)



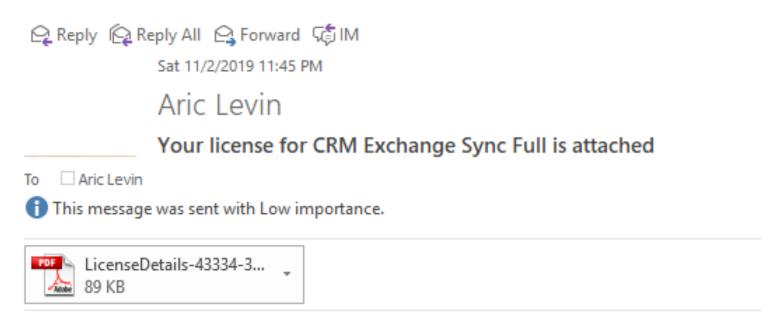
Save the file back to SharePoint



Send the file in email



Receive the license in an email

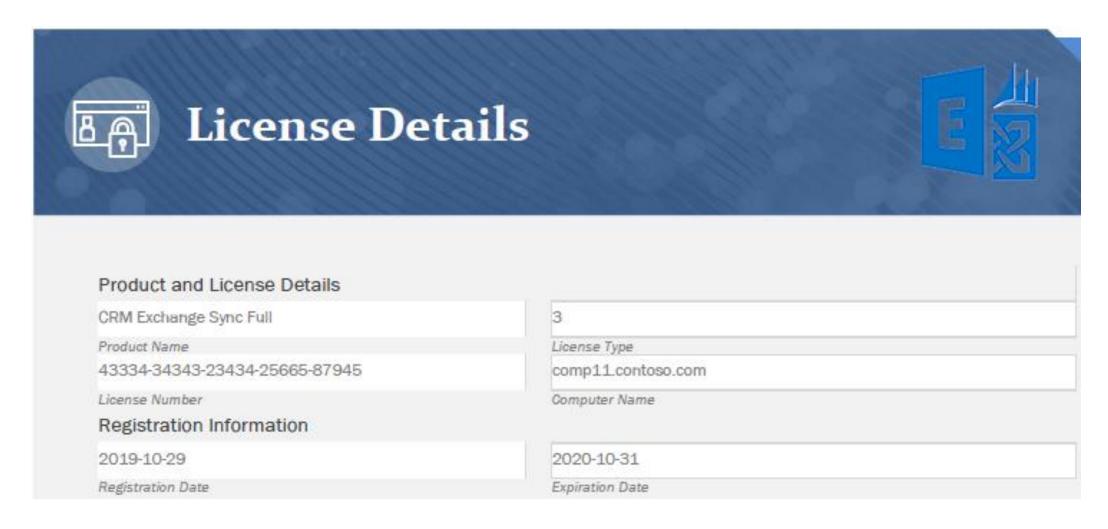


Thank you for purchasing CRM Exchange Sync Full. Your license is attached, and valid until 2020-10-31.

Please feel free to contact us if you have any questions about the product.

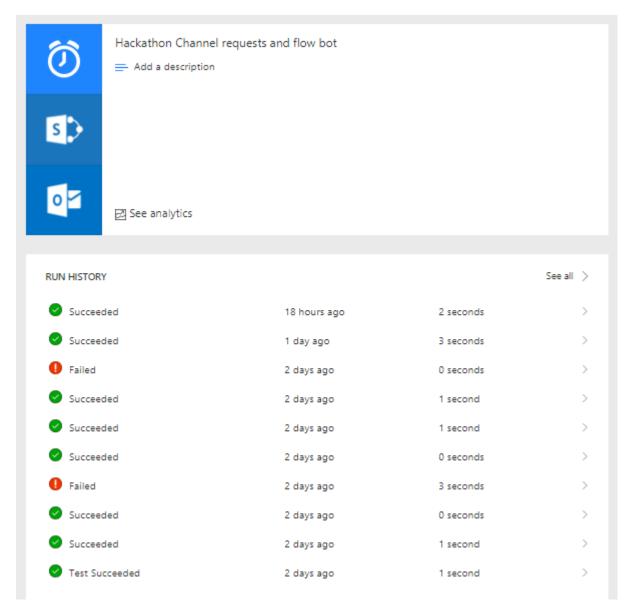
Thank you.

View the attached license

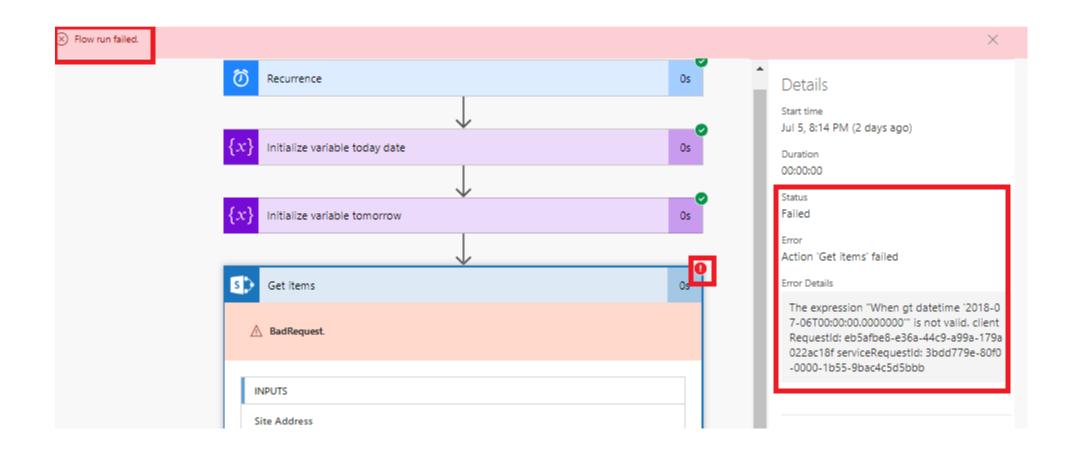




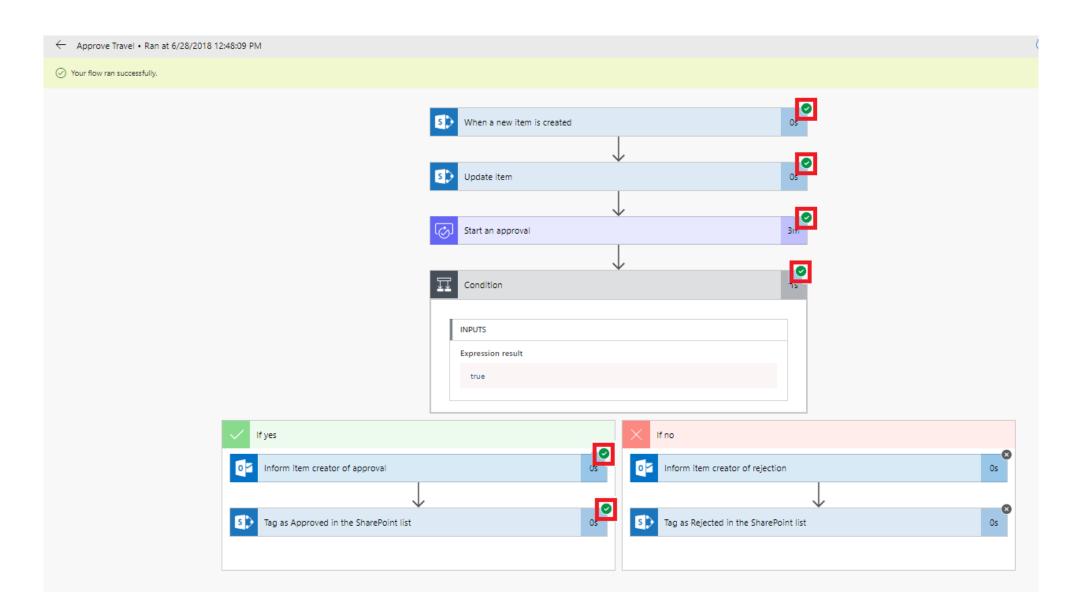
Debugging: check previous runs (run History)



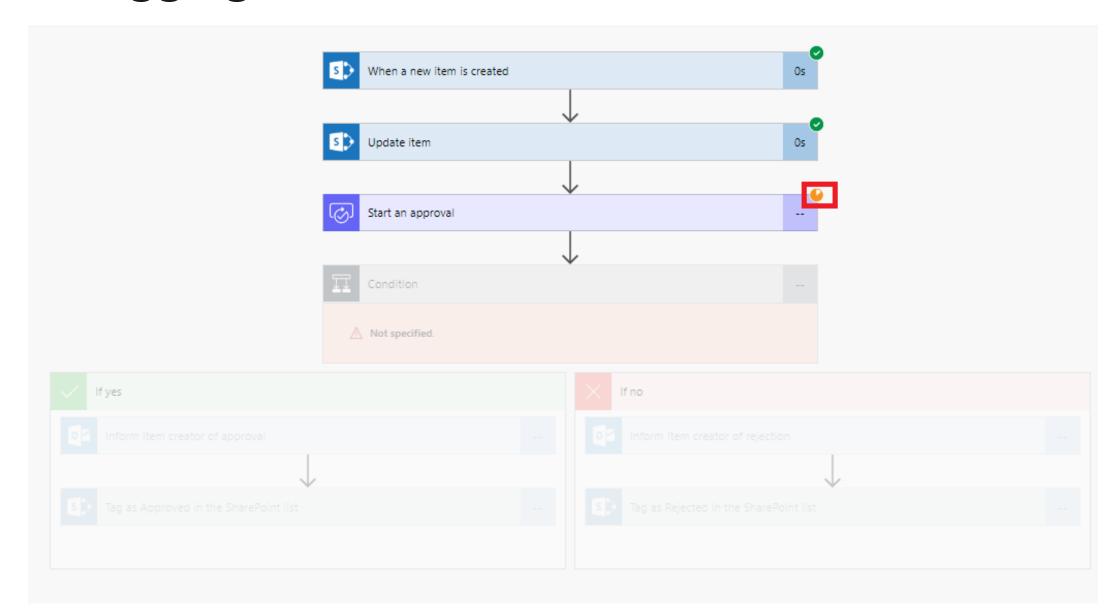
Debugging: check errors in flow runs



Debugging: check previous runs

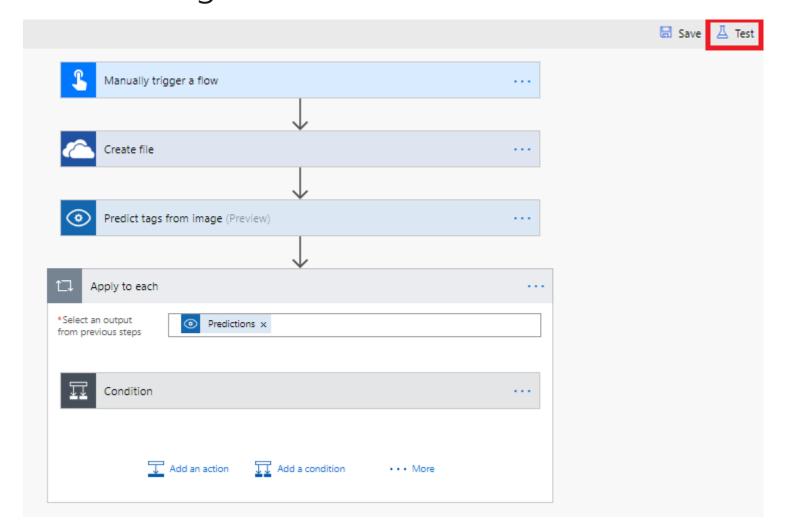


Debugging: live



Debugging: use the Test button

· For testing a flow, use the Test button



Test Flow	
I'll perform the trigger action	
 Using data from previous runs Choose data from a list of previous runs: 	
O Succeeded	23 hours ago
O Succeeded	1 day ago
○ Succeeded	1 day ago
○ ● Failed	1 day ago
○ Succeeded	1 day ago
Test C	ancel

Questions





www.ariclevin.com



www.youtube.com/channel/UCzdg6V5kkjiBufYnvJT4XWQ



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