

Maker and Admin improvements for Power Automate cloud flows

Dynamics 365 FastTrack
Architecture Insights

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Agenda

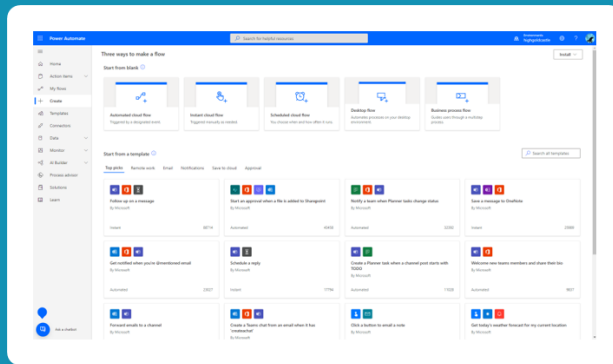
-
- Power Automate designer
 - What's new and already available
 - What's new in Wave 1 2022
 - Deprecations



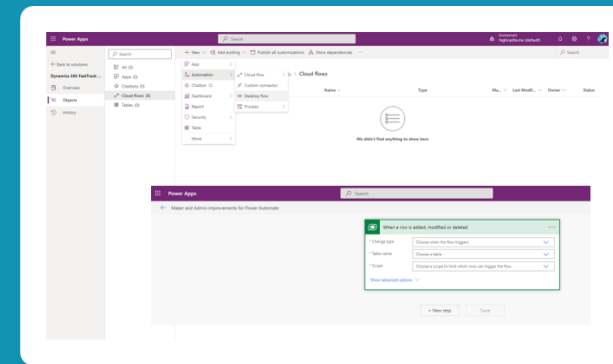
Power Automate
designer

Many ways leads to Rome and to Power Automate flow designer

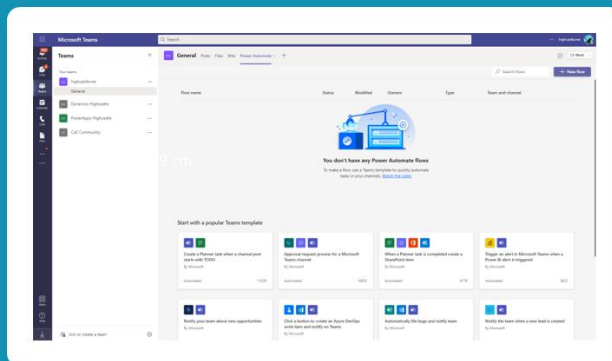
Power Automate portal (<https://flow.microsoft.com/>)



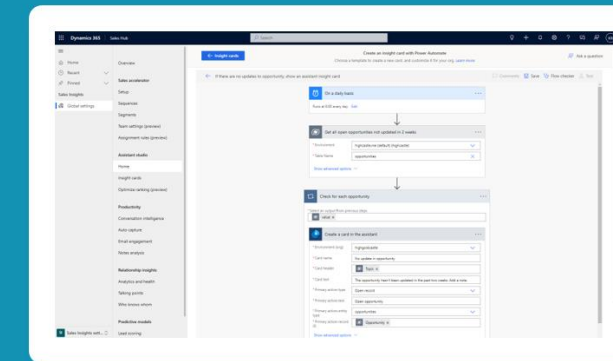
PowerApps portal (<https://make.powerapps.com/>)



Microsoft Teams (Power Automate tab)



Sales Insight (Insight cards)





What's new
and already available

Get help relevant to each action

← Create a task in Planner from Microsoft Forms and post message in Teams

Comments Save Flow checker Test

When a new response is submitted

*Form Id: Pick a form.

Get response details

*Form Id: Unique identifier of the form

*Response Id: Response Id x

Create a task

*Plan Id: The plan for the new task.

*Title: The title of the new task.

Bucket Id: The bucket to place this task in.

Start Date Time: The datetime the task starts (Ex. '2018-04-13T00:42:19.284Z').

Due Date Time: The datetime the task is due (Ex. '2018-04-13T00:42:19.284Z').

Assigned User Ids: body/responder x

Post message in a chat or channel

*Post as: Flow bot

*Post in: Channel

*Team: Add team ID

*Channel: Add channel ID

Terminate

*Status: Succeeded

Help

When a new response is submitted

When a new response is submitted

This operation triggers a flow when a new response is submitted.

[Learn more](#)

Automation recommendation in process advisor (preview) - Power Automate

Identify opportunities to automate your processes in the process advisor feature.

Getting started with a Microsoft account - Power Automate

Getting started with a Microsoft account

Top Forms scenarios - Power Automate

Popular scenarios using forms in flows-Get response details, when a new response is...

> Community

> Blog

Ask the bot and learn through conversation

Ask a chatbot

Co-presence in Power Automate

With the introduction of co-presence in Power Automate, each user can know in near real-time which other users are currently editing the flow. The user avatars are refreshed periodically to show the updated slate of concurrent editors in the flow.

The screenshot displays the Power Automate web interface for a flow named "Automated lead assignment". The top navigation bar includes the "Power Automate" logo, a search bar, and the "Environments" section showing "MS Personal Productivity". In the top right corner, a red box highlights the co-presence avatars, which include a user icon and a "TW" icon. Below the avatars are "Save" and "Flow checker" buttons.

The flow steps are as follows:

- When a new request is received
- Get the request details
- Request assignment within Teams channel (Preview)
- Approve or Reject request (This step is expanded in the screenshot)

The "Approve or Reject request" step is configured with a dropdown menu showing "selected..." and a comparison operator "is equal to" with a value of "Approve". Below this, there is an "Add" button.

Below the main flow, there are two conditional paths:

- If yes:** Contains two actions: "Notify assigned team member" and "Update tracking sheet".
- If no:** Contains one action: "Notify requestor with reasons".

A modal dialog titled "This isn't the latest content" is open on the left side of the screen. It contains the message "Your flow was modified by someone else." and three radio button options:

- ☒ Discard your changes
- ☐ Save a copy of your changes
- ☐ Overwrite other people's changes (can't be undone)

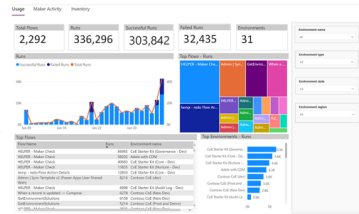
At the bottom of the modal are "Apply" and "Cancel" buttons.

Tenant-level analytics (preview)

Tenant-level reports improve the ability to keep track of key metrics and monitor the distribution of cloud flow events by environment. Admins can use these solutions to identify underutilized cloud flows and evaluate how broadly service connectors are being used.

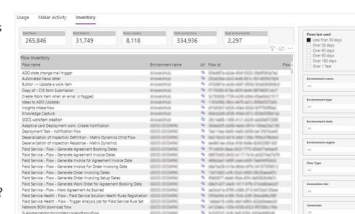
Tenant-level analytics – Usage report

- Power Automate reports provide insights into tenant and environment usage of all flows and connectors.
- What is the total unique Cloud Flow users across the tenant or environments?
 - What is the count of Successful vs Failed runs across Cloud flows?
 - How many flows exist in my tenant or environment?
 - Which of my environments had the most unique users?
 - What were the top flows across my tenant or environments by runs?



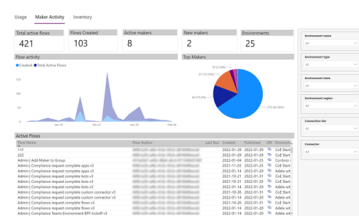
Tenant-level analytics – Inventory

- The Power Automate Inventory report offers a complete catalog of Cloud flows distributed across the tenant. This view includes filters that allow admins to search for flows based on various criteria:
- What is the total number of Cloud flows across the tenant or environments?
 - Which flows depend on specific connectors or connector types?
 - Who are the owners of the flows hosted in one or more environments?
 - What is the distribution of Cloud flows apps across the organization?



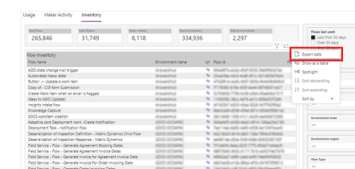
Tenant-level analytics – Maker Activity

- The Power Automate report provide insights into the activities of citizen authors of Cloud flows across the tenant or environments.
- What is the total number of flows created by makers across the tenant or environments?
 - What is the count of first-time makers across Cloud flows?
 - Who are the top makers across the tenant or environments?
 - How many of these flows are using premium or standard connectors?
 - Allow me to filter the above list based on connector dependency.



Tenant-level analytics – Data export

- Power Platform admin center reports can be downloaded directly from the report visuals. Users have the option of choosing between Summarized and Underlying data.
- Summarized data: select this option to download the data underlying the current report visual
 - Underlying data: select this option to download the full result set backing the report





What's new
in Wave 1 2022

Improved Home page experience

The new PA Home page will make it easier to build a flow and discover more about PA capabilities.

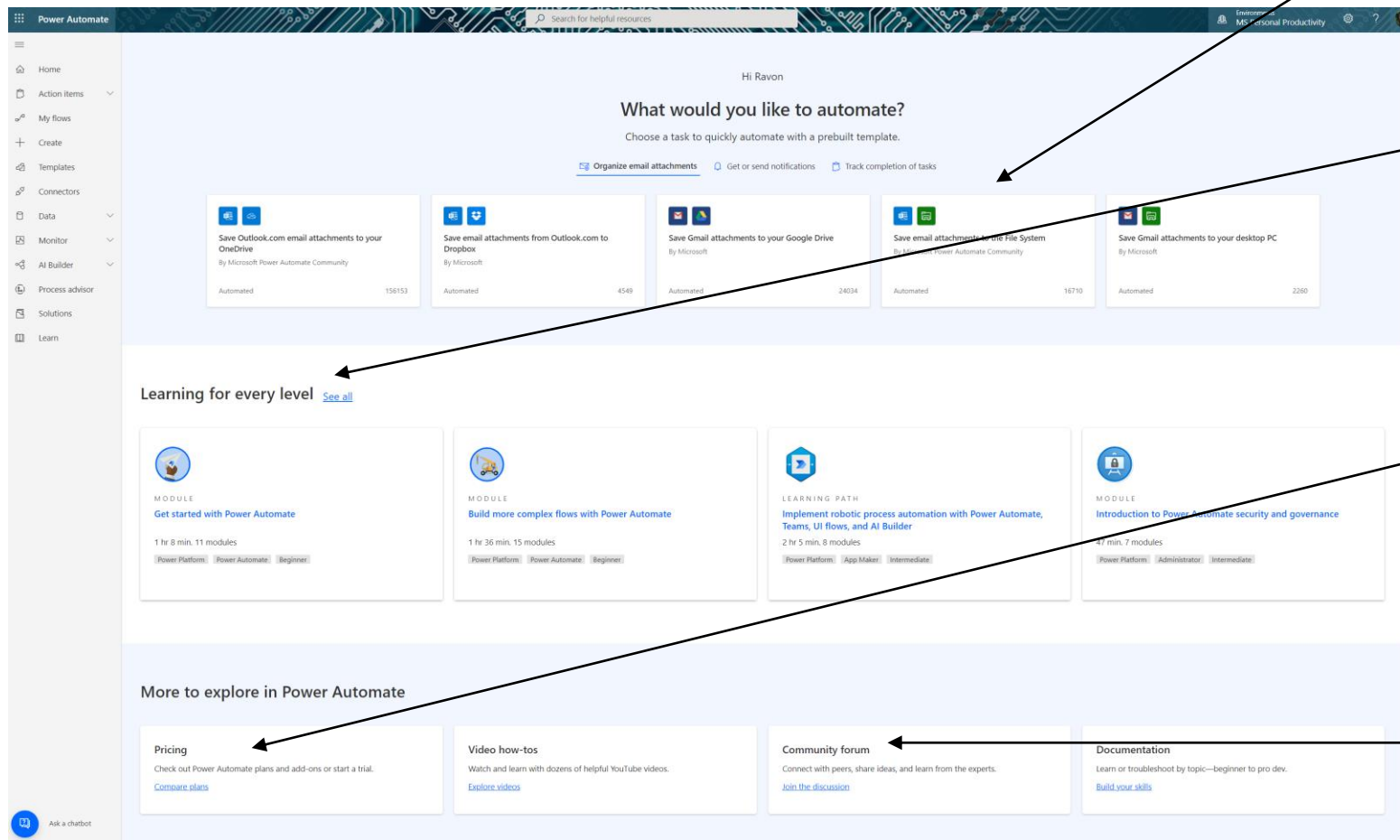
Milestone
GA: April 2022

This new page will make it easier to get started making a new flow.

It has features and learning paths from Microsoft Learn that are targeted for both new and intermediate users.

There are some resources for users to learn about pricing, interact with the community, access the documentation, and watch the how-to videos.

Lastly, users can stay in the know by reading blog posts written by the Power Automate team.



Improvements of maker experience

Copy and paste improvements in cloud flows

- **Feature details:** In this new feature, we'll add full support to copy and paste using the clipboard with connection references.
- **General availability:** April 2022

Undo feature in cloud flow designer

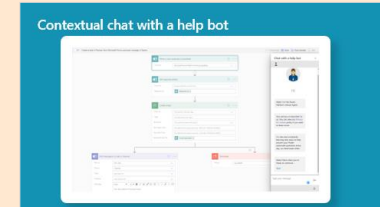
- **Feature details:** With this new feature, you can use the **Undo** and **Redo** buttons to easily revert some of your previous operations in cloud flow designer.
- This feature uses local browser storage for design time only. It's not a server-side versioning support story.
- **General availability:** April 2022

Improved error messages across cloud flows

- **Feature details:** Users frequently get internal error code messages (for example, *400 Bad Request*), but they're not very actionable and are difficult to understand or troubleshoot. In 2022 release wave 1, we'll reduce instances of these errors and provide a more actionable error message wherever possible.
- **General availability:** April 2022

More discoverable help bot for cloud flows

- **Feature details:** Since it will be easier to find, more users will be able to find answers through the Power Virtual Agents-powered chat bot across all Power Automate pages.
- **General availability:** April 2022



Improvements of maker experience

Handle null values in JSON

- **Feature details:** Currently, cloud flows do not handle null values in the JSON parsing action. Instead, an exception is thrown and it is hard for users to troubleshoot, requiring a workaround in their flows to be resolved. In 2022 release wave 1, we'll add support to handle null values in the JSON parsing action.
- **General availability:** April 2022

OData editor improvements in flows

- **Feature details:** We're releasing a new feature for actions in cloud flows that hides OData syntax by default. This will allow users to switch between basic and advanced mode (letting advanced users leverage OData if they choose). This will first be available in SharePoint Online connector's **Get Items** action
- **General availability:** April 2022

The screenshot shows the 'Get items' action configuration interface. At the top, there's a header bar with the 'S' logo and the text 'Get items'. Below this, there are two dropdown menus: 'Site Address' with the value 'Power Automate Partners' and 'List Name' with the value 'AI Builder opportunity tracker'. Underneath these is a 'Filter Query' section. It starts with a toggle switch set to 'And'. Below the toggle, there are two filter conditions: 'Date' with the operator 'Greater than' and a function 'fx getPastTime(...)', and 'Title' with the operator 'Starts with' and the value 'URGENT'. At the bottom of the filter section is a '+ Add' button. The interface is clean and modern, with a light blue and white color scheme.

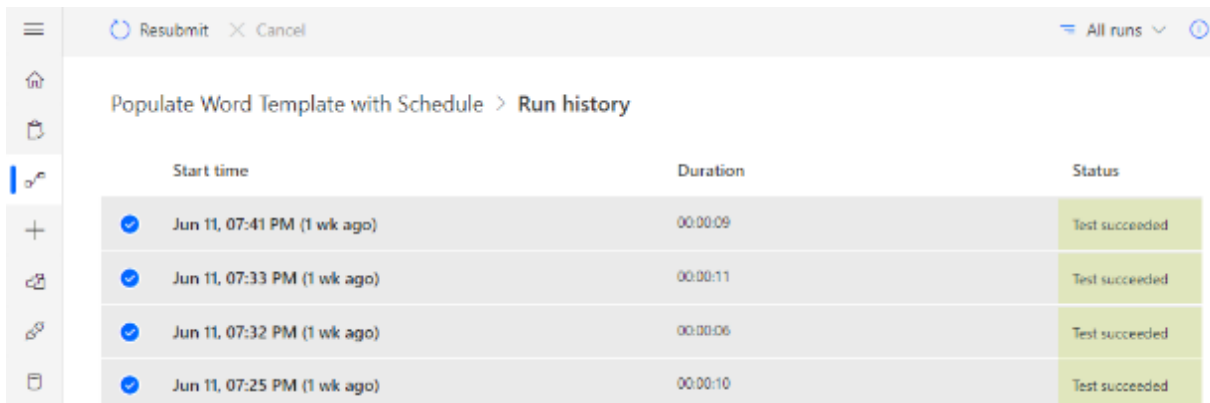
Resubmit multiple failed runs at once

Overview

- Improve the maker productivity by resubmitting several failed flows to rerun at the same time.

Milestones

- GA: April 2022



The screenshot shows a web interface for managing runs. At the top, there is a 'Resubmit' button with a circular arrow icon and a 'Cancel' button with an 'X' icon. To the right of these buttons is a filter dropdown set to 'All runs' and a refresh icon. Below the buttons, the breadcrumb 'Populate Word Template with Schedule > Run history' is visible. The main content is a table with three columns: 'Start time', 'Duration', and 'Status'. There are four rows of data, each with a blue checkmark icon in the first column. All runs have a status of 'Test succeeded'.

	Start time	Duration	Status
✓	Jun 11, 07:41 PM (1 wk ago)	00:00:09	Test succeeded
✓	Jun 11, 07:33 PM (1 wk ago)	00:00:11	Test succeeded
✓	Jun 11, 07:32 PM (1 wk ago)	00:00:06	Test succeeded
✓	Jun 11, 07:25 PM (1 wk ago)	00:00:10	Test succeeded

Feature Details

- Sometimes, you may have a flow with several failed runs. Currently, you must manually resubmit each run individually. In 2022 release wave 1, we're introducing a feature that allows you to select and resubmit multiple runs at once. This means if you have multiple failed runs, you can select all of these runs and resubmit them at the same time..

Improvements of solutions management

Solution cloud flows are shown in the My Flows experience

- **Feature details:** In 2022 release wave 1, the My Flows experience will be updated to show users the solution cloud flows that they own.
- **General availability:** April 2022

Solution references will be visible when viewing solution resources

- **Feature details:** When you build a solution, there can be many dependencies between different types of resources. Currently, users can't easily determine the list of solutions that are referencing flows or connection references. In 2022 release wave 1, we'll make solution references visible in the flow details page and connection reference edit panel.
- **General availability:** April 2022

Ownership, connections and connection references

Flow ownership supported for Service Principals

- **Feature details:** Microsoft Dataverse application users can represent a Service Principal, but those users can't have connections shared with them so flows owned by a Service Principal cannot be enabled. This encourages the use of shared "service accounts" when flow ownership can't be on a single user.
- In 2022 release wave 1, we're updating connection sharing capabilities to allow flow ownership by a user that represents a Service Principal.
- **General availability:** April 2022

Use connections provided by run-only users with the Microsoft Dataverse connector

- **Feature details:** Flow makers can configure whether a stored or a user-provided connection is used for Microsoft Dataverse actions using the **Manage run-only permissions** settings for flows that are manually triggered.
- **General availability:** May 2022

Solution list warnings are shown when connection references are not ready for use

- **Feature details:** The solution list currently shows a warning if any environment variables are missing values. This same behavior will be extended to warn about connection references that are missing connections or have connections that need to be refreshed.
- **General availability:** April 2022

Greater control over connection reference creation and reuse during flow creation

- **Feature details:** During flow creation, connection references are automatically created or reused. This can result in the use of connection references in other solutions and the creation of connection references in the wrong solution.
- In 2022 release wave 1, cloud flow authors will be given greater control over connection reference creation and selection during flow creation.
- **General availability:** April 2022

Deprecations



Dynamics 365 Connector is deprecated

Effective May 5, 2020 the Dynamics 365 connector is officially deprecated.

Starting **April 29, 2022**, no new connections can be created for Data Integrations, Flows, Logic Apps, and Canvas Apps using the Dynamics 365 connector. Existing connections will continue to work until they are edited, at which time an alternate connector as listed below is required.

On **July 28th 2022**, all existing uses of the Dynamics 365 connector for Data Integrations, Flows, Logic Apps, and Canvas Apps will be disabled. At that time, you must migrate to using one of the options outlined below.

You may not be able to use the Microsoft Dataverse connector in every situation today because of the following limitations:

- It isn't available in Logic Apps.
- It doesn't enable cross-tenant or cross environment connections.
- It cannot be used for canvas apps that use the Power Apps for Windows client.

If you cannot use the MS Dataverse connector, you should use the Microsoft Dataverse (legacy).

Thank you (and this is time for Q&A)

