Microsoft

# WorkshopPLUS
# Power Platform for Administrators

Center of Excellence Starter Kit

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# Objectives

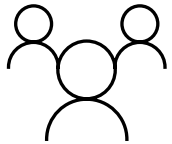
After completing this Learning, you will be able to understand:

| | |
|---|---|
| 1 | ✓ Fundamentals of Power Platform governance |
| 2 | ✓ What Center of Excellence (CoE) Starter Kit is and what it has to offer to better govern your Power Platform investment |
| 3 | ✓ Details of CoE Core, Audit Log components and Power BI Dashboard |

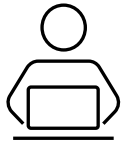
# Fundamentals of Power Platform governance

# Power Platform is Designed For Everyone

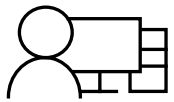
Low-code gives rise to more developers



End Users



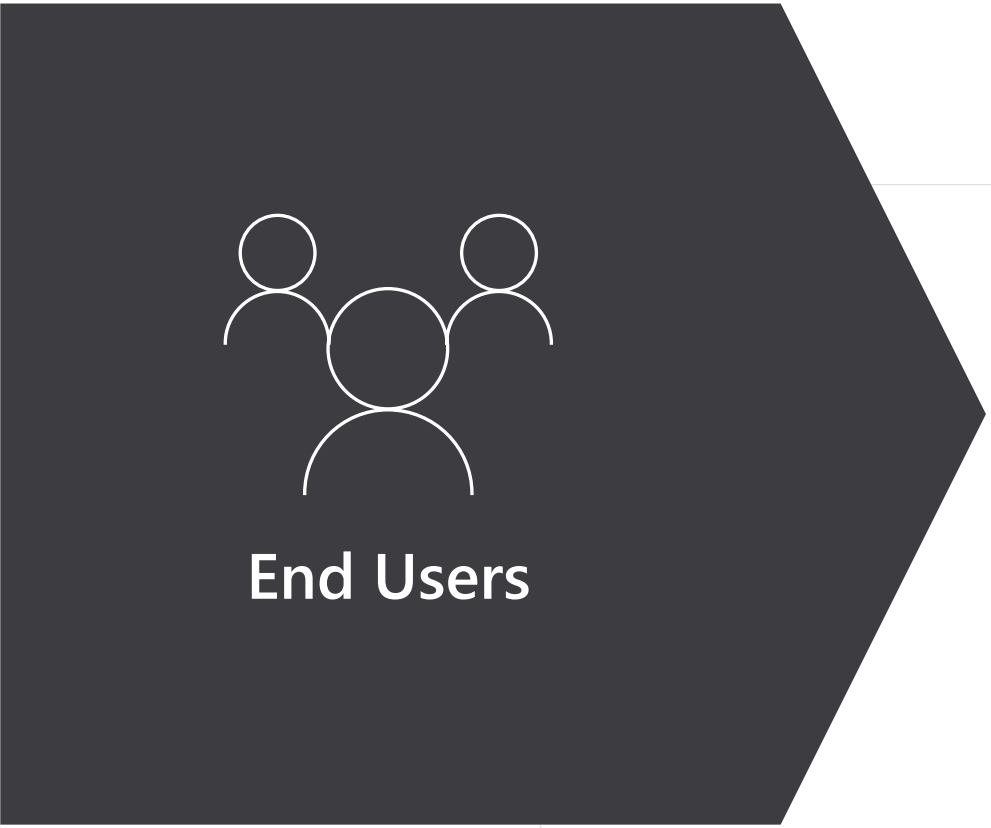
Experienced Developers



IT/Admins

# Digital Transformation is Powered By People

End users will be creating many more apps than experienced developers in the coming years



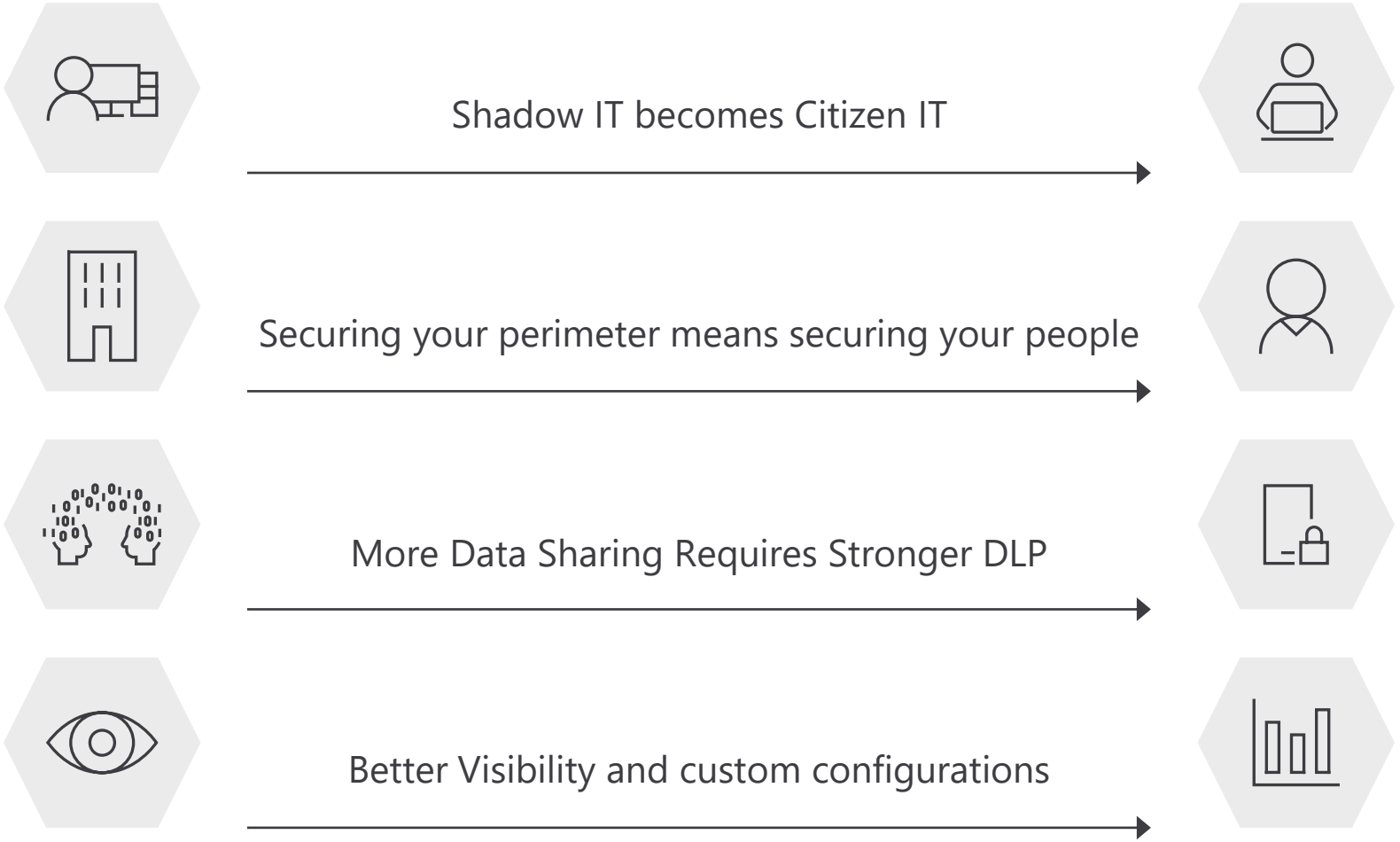
End Users

4x

Experienced Developers

# The Growing Number of Developers Creates A New Norm

IT must adapt to the growing number of non-technical developers



# More Developers Require More Governance

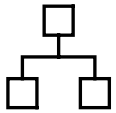
Do any of these challenges sound familiar to you?

Business data security concerns regarding connectors

Compliancy issues regarding GDPR

Environment health regarding trial setup

ALM support regarding apps being created/ deployed



Maintenance challenges regarding app and flow distribution

Staff turnover challenges regarding app or flow ownership

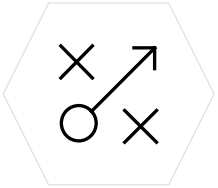
Security risks regarding “shadow IT”

Information risk management

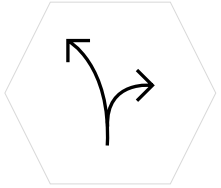
# Power Platform Empowers IT Admins with Governance Capabilities

Empowering admins with full visibility and the tools needed to balance business productivity with governance

Makes governance a mandate



Helps Develop & Implement a Strategy



Allows flexibility when needed

# Governance – Practically Applied

IT must adapt to the growing number of non-technical developers

| | Secure | Monitor | Manage |
|---|---|---|---|
| | Define your environment strategy<br>Configure data loss prevention policies<br>Configure data gateways and tenant isolation<br>Set up shared user productivity environments | Review out-of-box analytics<br>Configure audit logs<br>Extract telemetry for ad-hoc reporting | Automate policies using management connectors<br>Leverage admin PowerShell or admin APIs for automation |
| **Application Lifecycle** | Managed vs Unmanaged | Learn ALM best practices | Automate ALM using Azure DevOps |
| **Nurture and educate** | Establish a Center of Excellence | Educate new makers | Foster best practices |

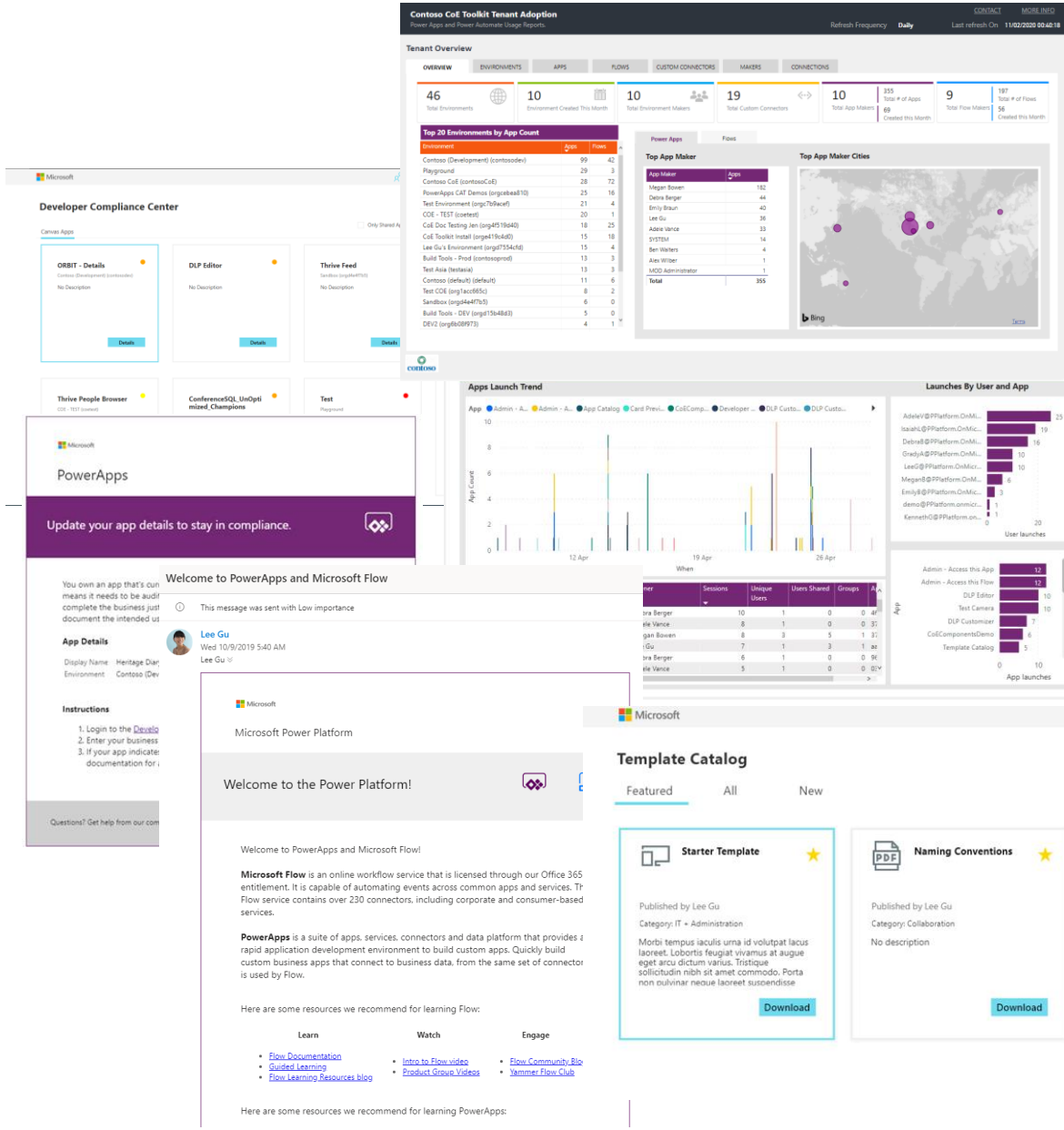
# Introduction to Center of Excellence (CoE) Starter Kit

# What is Center of Excellence Starter Kit?

- The Center of Excellence or CoE for short is a collection of components and tools, which are designed to help you get started with developing a strategy for adopting and supporting the Power Platform. It includes a templatized implementation of best practices.

- Adopting it can give you the
  - Ability to better administer the platform with a dashboard that gives you full visibility
  - Ability to govern with a sample audit process
  - Ability to nurture with template catalog to share best practices, and welcome email to welcome new makers.

- Starter Kit might not match every organization's requirements, so we recommend that you extend the solution to fit your organization's requirements.



# Better together

**Managed Environments**

**Out of the box** governance capabilities to manage the Power Platform at scale with **more visibility**, **more control** and **less effort.**

https://aka.ms/MEGuidance

+

**CoE Starter Kit**

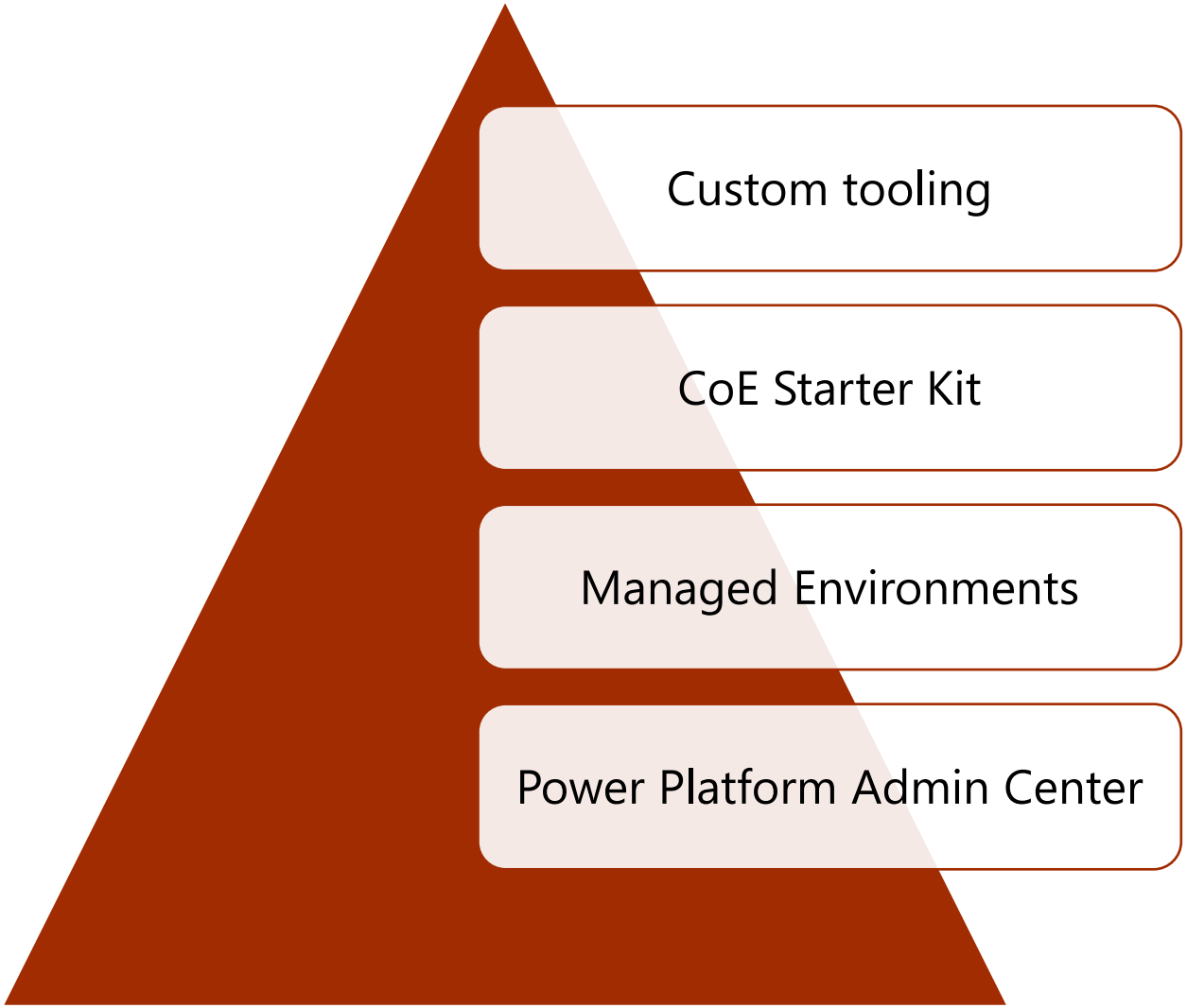
**An open-source low code reference implementation** of proven practices to get started, accelerate and nurture your Power Platform Adoption, based on years of customers experiences and feedback

https://aka.ms/coeskme

**Getting Started: Start with the out of the box** Power Platform Admin Center and Managed Environments. Explore the CoE Starter Kit and adopt workflows and insights to **augment your governance strategy**

**On Going:** Follow what's new in Managed Environments, and what innovations have been added to the COE Starter Kit (Influence by joining https://aka.ms/coeofficehours). Extend your toolbox with homegrown or 3rd party solutions where needed.

# How to use the CoE Starter Kit alongside the product?



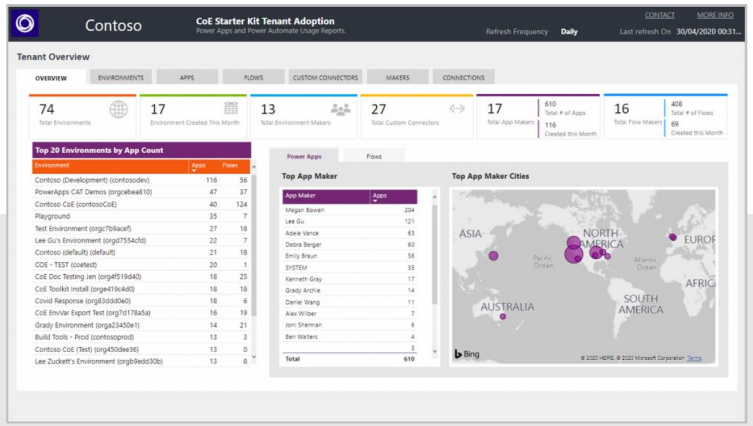

**Start with the out of the box** capabilities in Power Platform admin center and Managed Environments.
Those capabilities are robust in the product and fully supported.

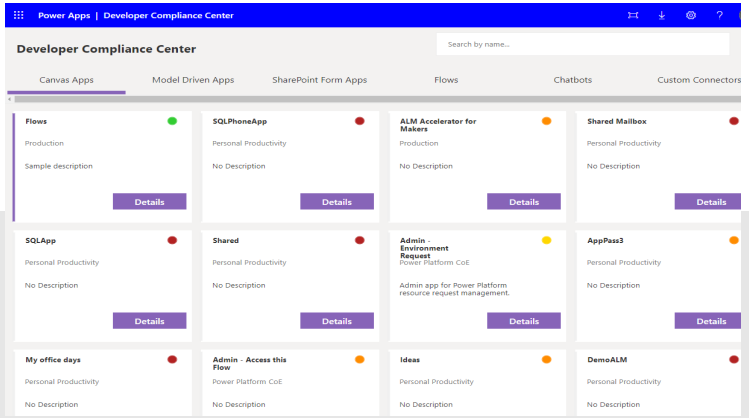
And if you discover you need more capabilities to govern your tenant, see if features in the CoE Starter Kit can **complement** what you get out of the box.

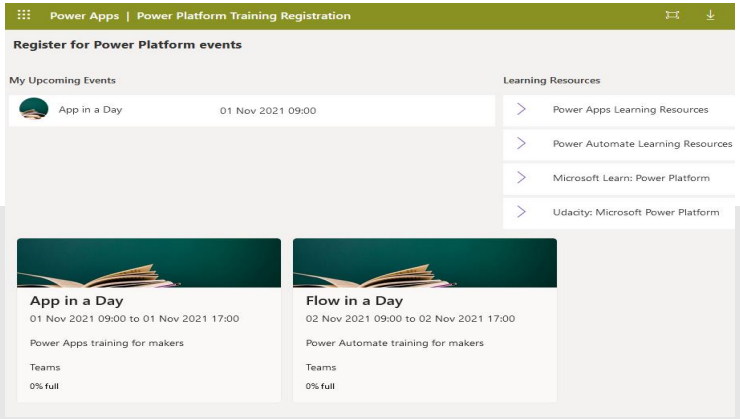
If that still doesn't meet your requirements, explore **extending and customizing** the CoE Starter Kit or building your own tooling from scratch.

# Building Blocks

## Center of Excellence Starter Kit




### Admin

Gain Insights into your Power Platform adoption

### Governance

Establish Audit, Compliance and Archive processes

### Nurture

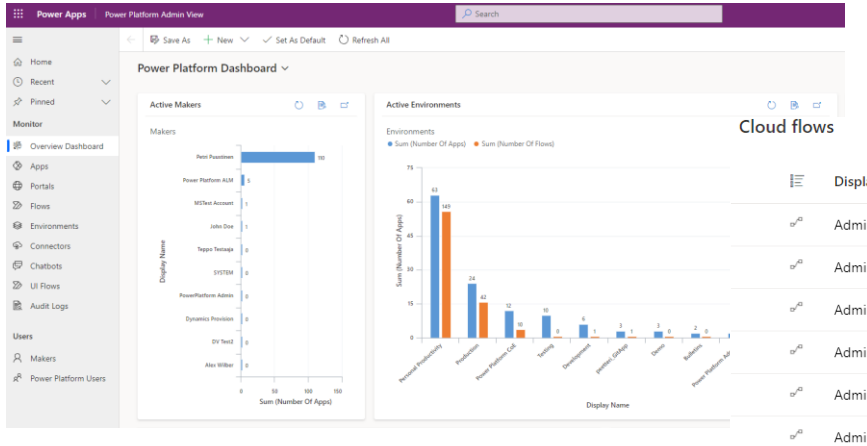
Accelerate your adoption with a thriving community

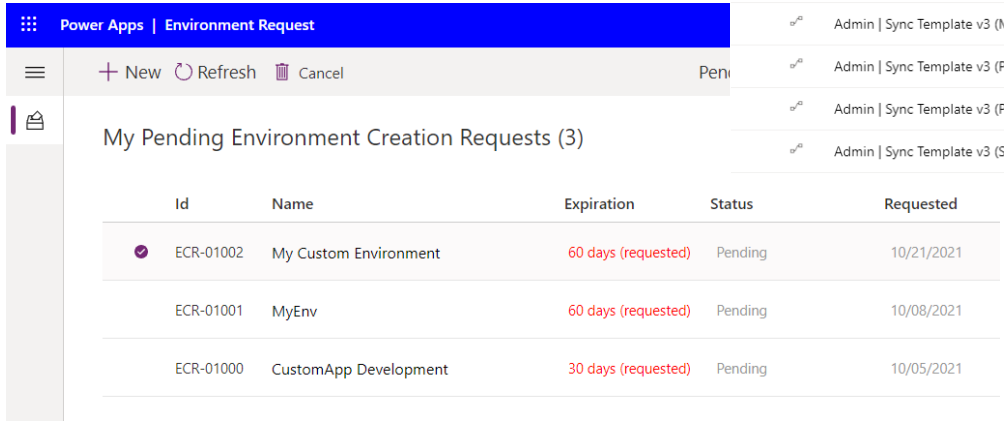
# Admin Components - Core

## CoE Starter Kit Building Blocks

- Provides the core to get started with setting up a CoE – including Sync Flows to gather information about all your resources stored in Dataverse tables. Apps and reports built on top of that helps you get more visibility of what apps, flows, and makers are in your environment.

- Contains mainly assets relevant to admins but also provides foundation for some of the other CoE components like Governance and Nurture.

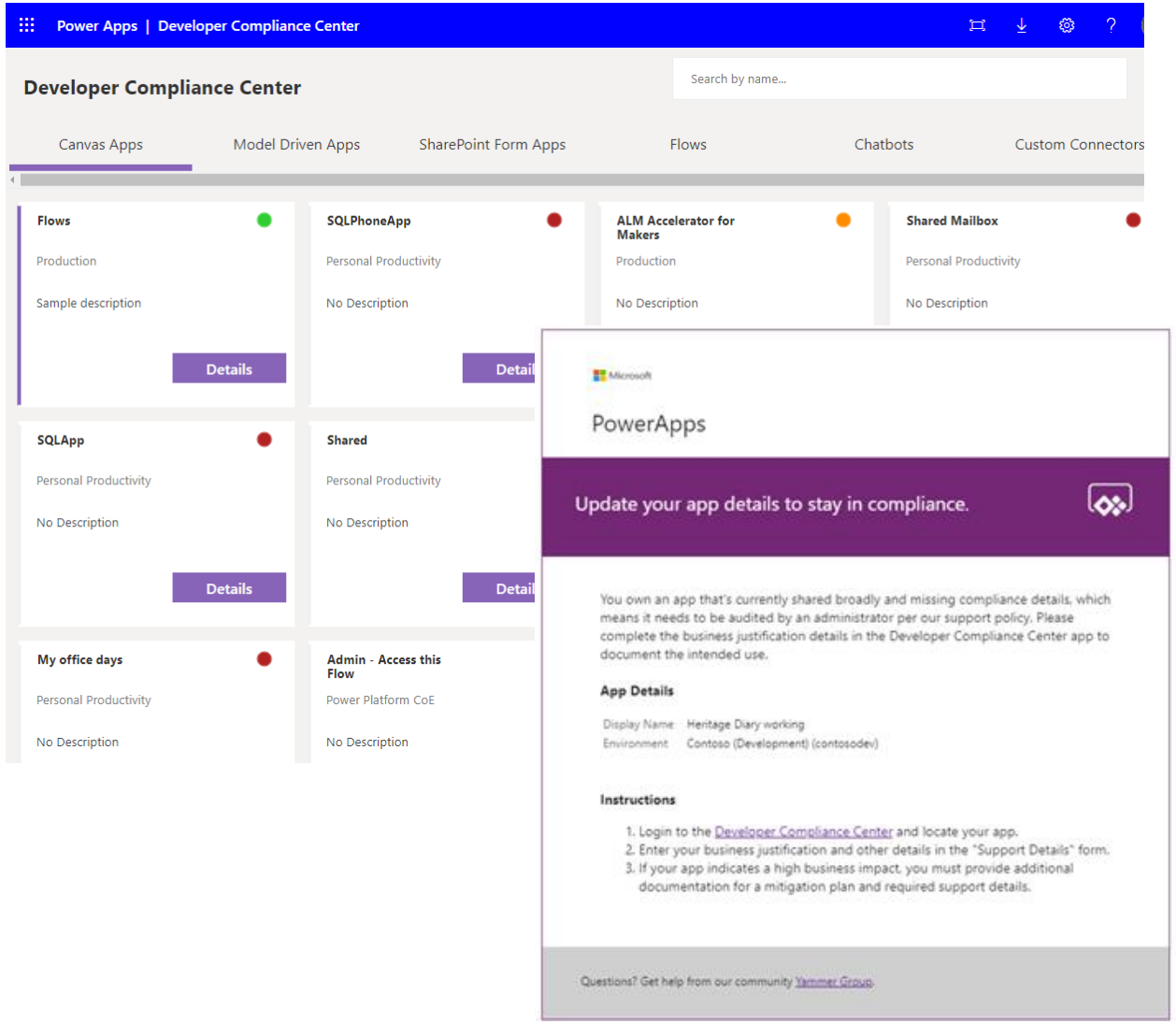


# Governance Components – Audit & Compliance

## CoE Starter Kit Building Blocks

- After you've become familiar with your environment and resources, you might start thinking about audit and compliance processes for your apps.
- You might want to gather additional information about your apps from your makers or audit specific connectors or app usage. The apps and flows that are part of this solution help you get started.

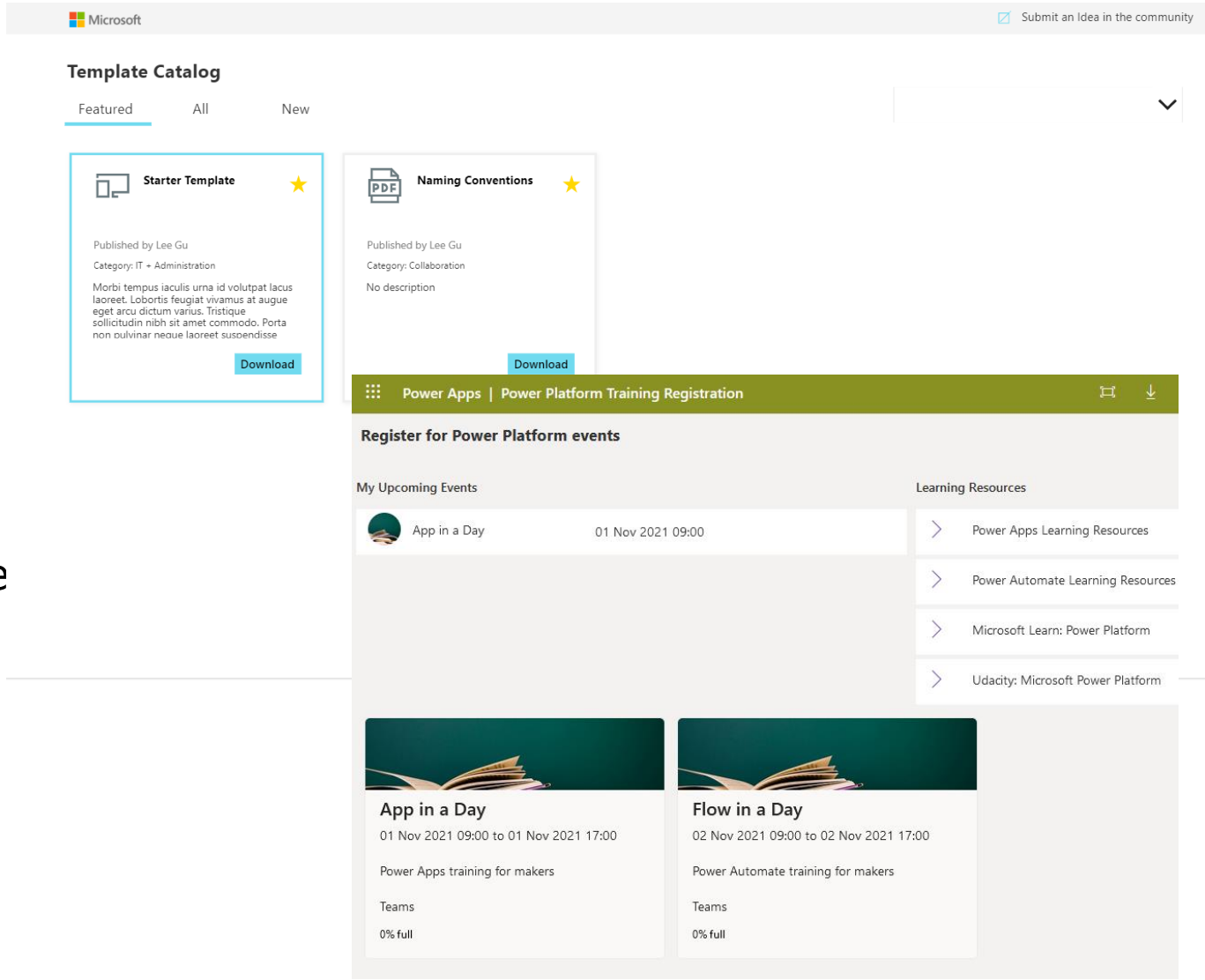


# Nurture Components - Learning

## CoE Starter Kit Building Blocks

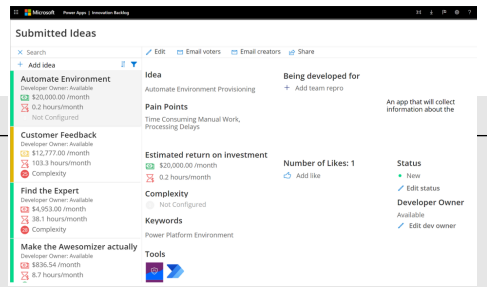
- An essential part of establishing a CoE is nurturing your makers and an internal community. You'll want to share best practices and templates and onboard new makers – the assets part of this solution can help develop a strategy for this motion.

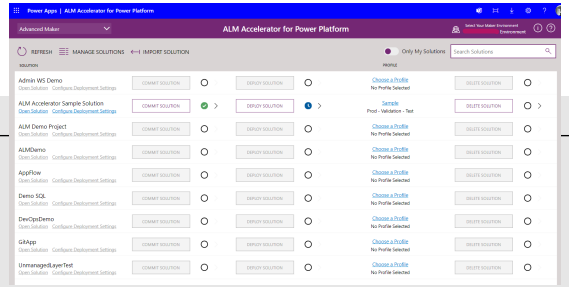
- The Nurture Components solution contains assets relevant to everyone in the organization, admins, makers and end users of apps and flows.

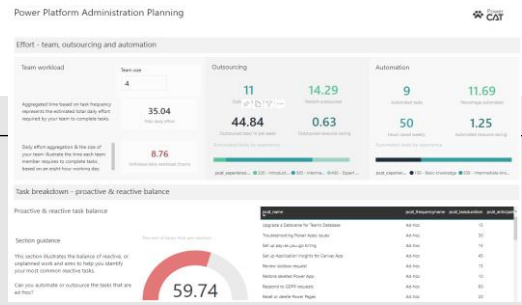


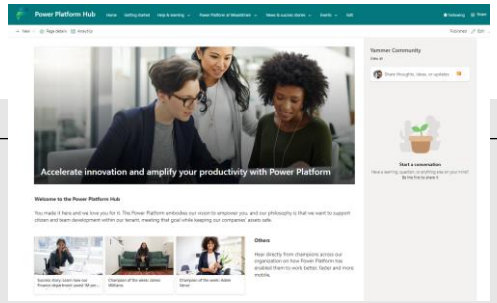
# Standalone Add-ons

## Center of Excellence Starter Kit




### Innovation Backlog

Submit ideas for apps and flows that need building

### ALM Accelerator

Implement Application Lifecycle Management patterns and practices for source control

### Administration Planning

Plan your team structure and review where you spend time and look for automation or innovation opportunities.

### Power Platform Hub

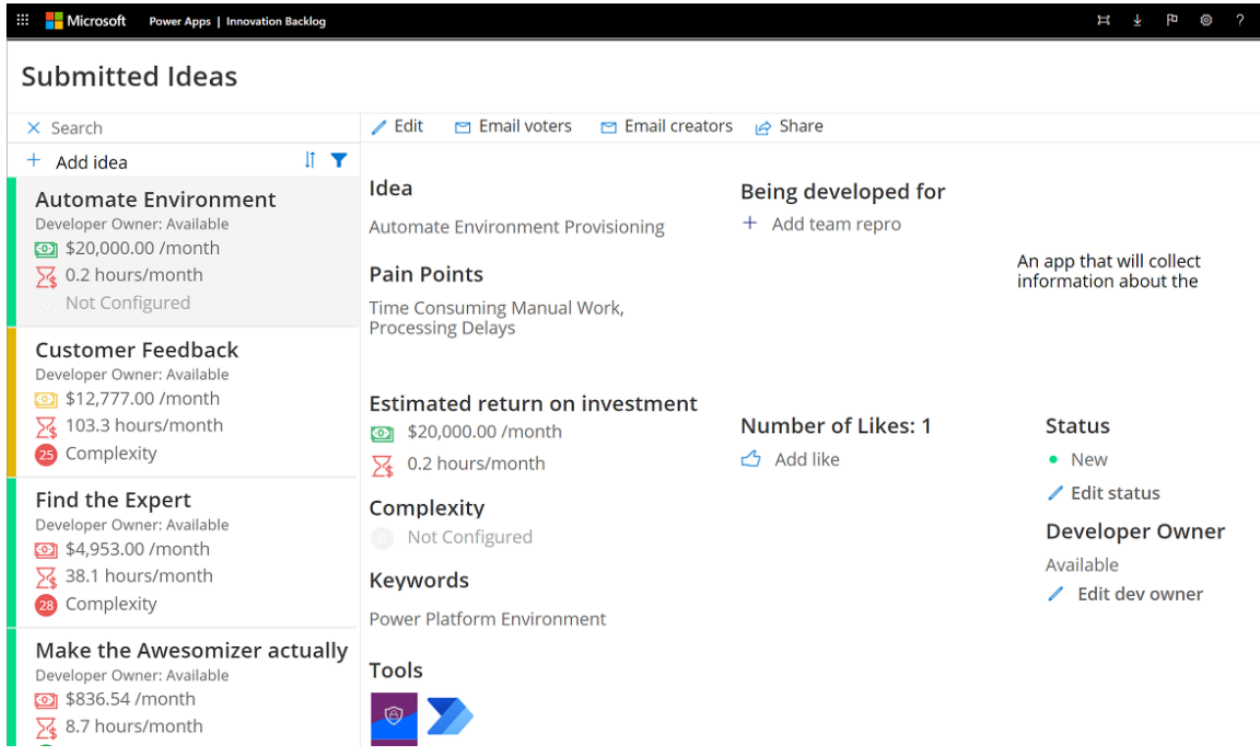
Power Platform community and wiki for sharing success stories, upcoming events, rules of engagement and guidelines with your makers

# Innovation Backlog - Ideas

CoE Starter Kit Standalone Add-ons

- Use the Innovation Backlog app to ask users to submit ideas for apps and flows that need building and describe pain points with the current process. As users describe the process, they'll provide information about personas involved, tools used, and measures for improvement. This information is then used to calculate an ROI and complexity score

- The theming components solution doesn't have a dependency on other components of the CoE Starter Kit, so it can be used independently.

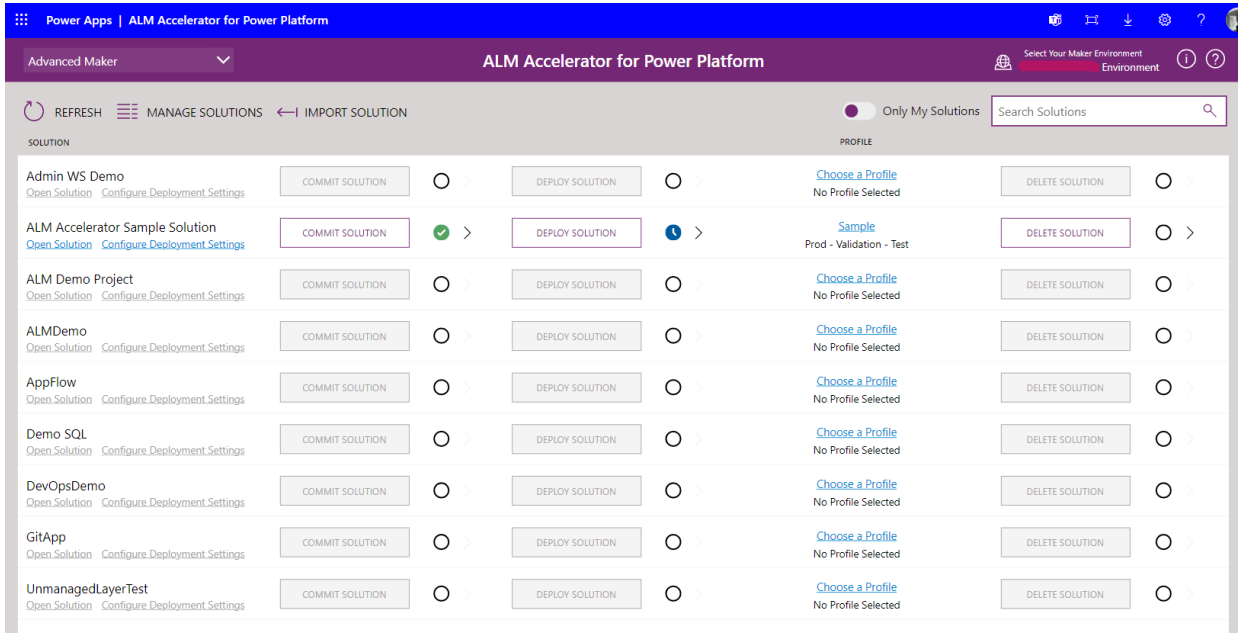


# ALM Accelerator for Power Platform (AA4PP)

## CoE Starter Kit Standalone Add-ons

- Enable makers to apply source-control strategies with Azure DevOps, and use automated builds and deployment of solutions to their environments without the need for manual intervention by the maker, administrator, developer, or tester.

- Helps makers work without intimate knowledge of downstream technologies and switch quickly from developing solutions to source-controlling the solution and, ultimately, pushing their apps to other environments with as few interruptions to their work as possible.



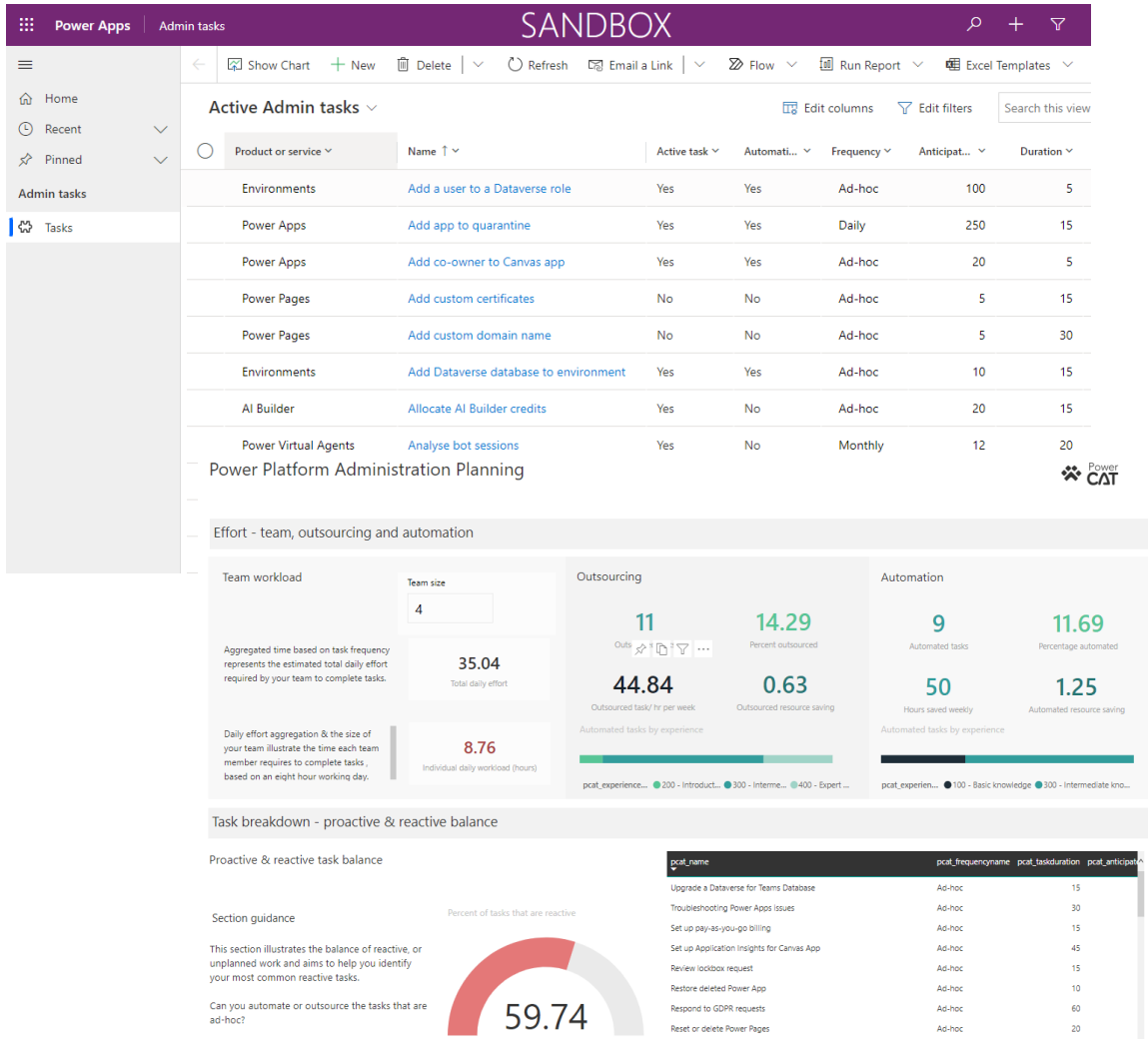
# Administration Planning

## CoE Starter Kit Standalone Add-ons

Behind the scenes, your IT and Center of Excellence team spends time configuring, managing and nurturing the adoption of Microsoft Power Platform. Understanding how that time is spent can help you plan who you need on your team and find the highest-impact opportunities to streamline the administrative effort.

Microsoft Power Platform administration planning is designed to help you:

- Better plan your team structure.
- Review where you spend time and look for automation or innovation opportunities.

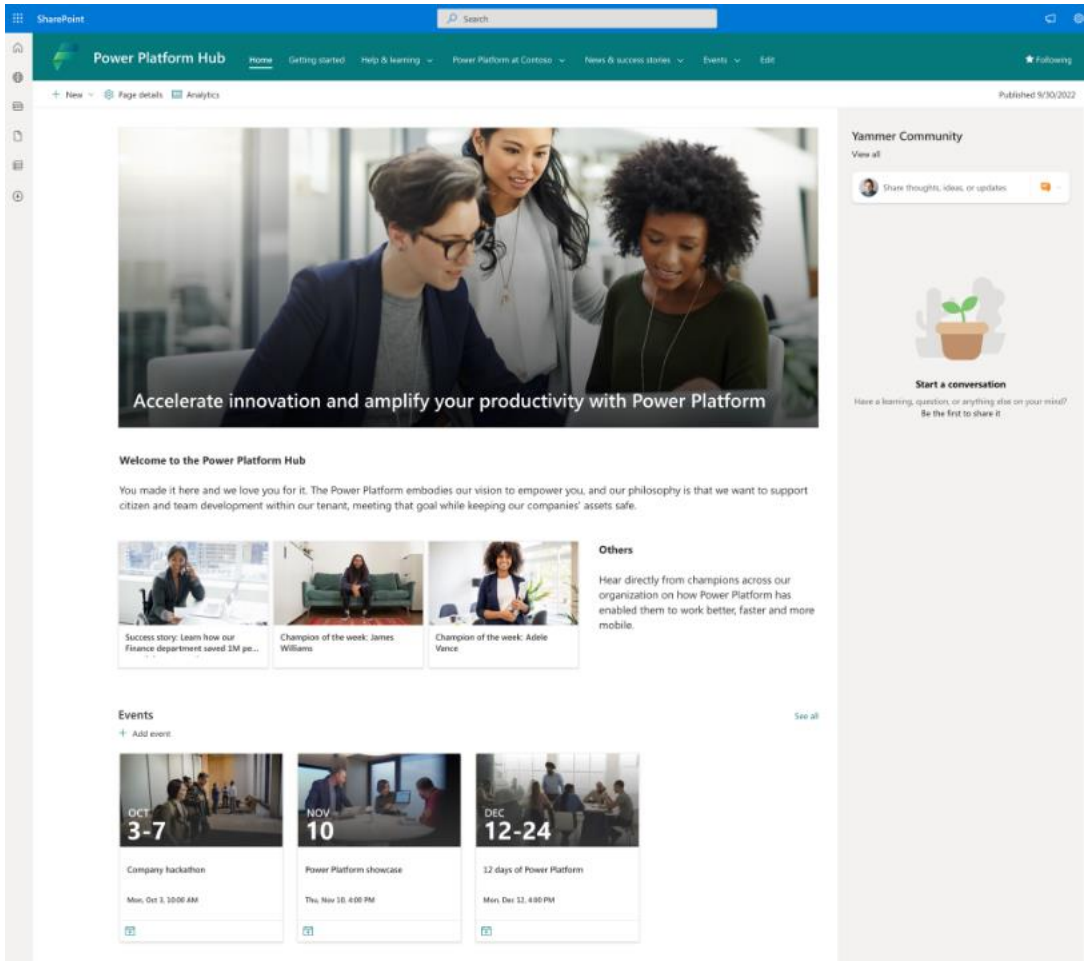


# Power Platform Hub

CoE Starter Kit Standalone Add-ons

Your internal Power Platform community and wiki for sharing success stories, upcoming events, rules of engagement and guidelines with your makers. This site should be a one-stop shop for makers to find out everything they need about getting started with Microsoft Power Platform.

Custom SharePoint communication site template which provides you easy way to start building your own Power Platform community portal



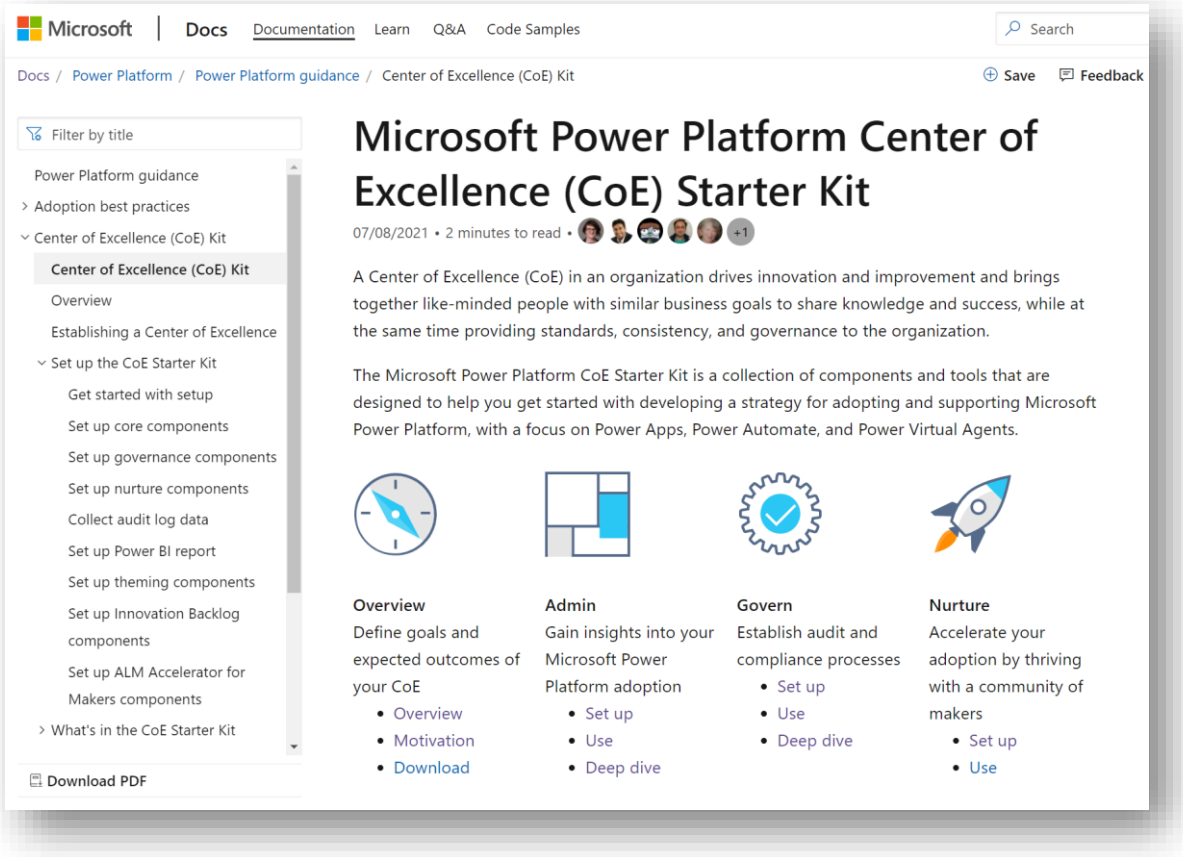

https://learn.microsoft.com/en-us/power-platform/guidance/adoption/wiki-community

# Documentation

Center of Excellence Starter Kit documentation can be found from

https://docs.microsoft.com/en-us/power-platform/guidance/coe/starter-kit

- Requirements and limitations
- Setup and how to use instructions
- Guidelines how update and extend the toolkit
- Detailed documentation of each component like individual Flows, Apps etc. of the CoE

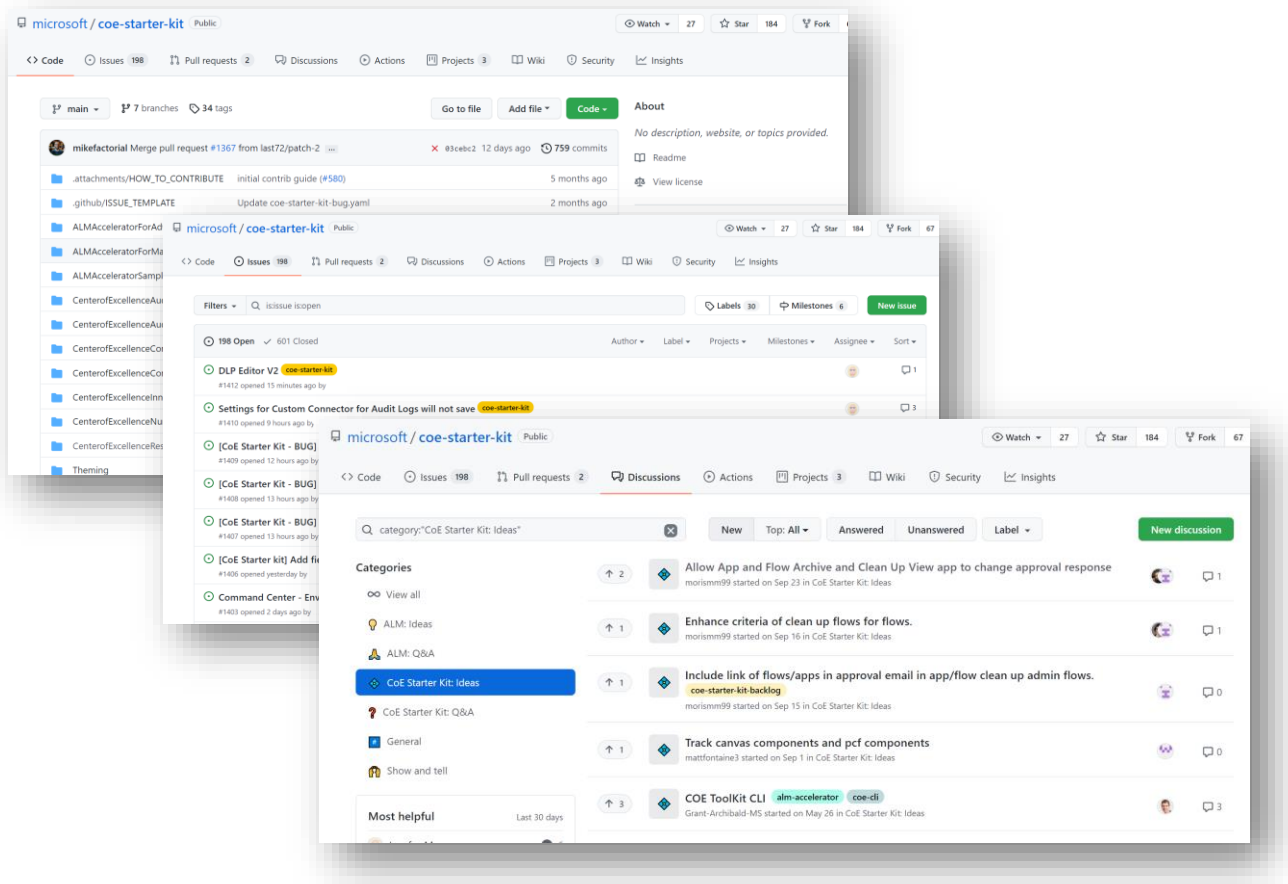


# GitHub Repo

Center of Excellence Starter Kit GitHub Repository can be found from

https://github.com/microsoft/coe-starter-kit

- Download latest and previous versions of CoE
- Report possible issues and get support (not officially supported by MS)
- Request new features
- Have a discussions and share ideas



# Setup Prerequisites

Environment with a Dataverse or Dataverse for Teams instance, where the user installing the solution has the System Administrator security role

Admin Account

- Power Platform, Global or D365 Admin for access to all tenant resources through the Power Apps APIs
- This solution will work for environment admins, but the view will be restricted to only the environments an environment admin has access to
- Must be email enabled

Power Apps Premium license is required to be able to use CoE Power Apps.

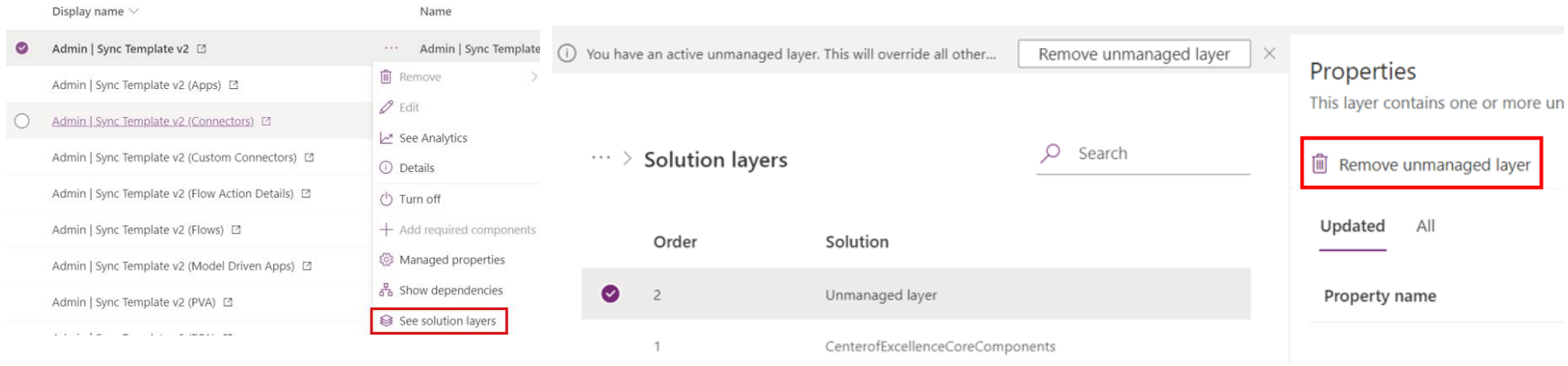
Power Automate Premium license is required for CoE Flows.

If DLP policy affects the environment where CoE is installed, then policy should allow all the connectors used in CoE components to be used together (all those connectors either in Business or Non-Business bucket). See full list of connectors used in CoE from Setup Prerequisites.

https://learn.microsoft.com/en-us/power-platform/guidance/coe/setup

# Installing Updates

- Periodically, the solution will receive updates with new features, bug fixes, or optimizations. These updates will be announced on the GitHub repo and in release notes.
- Updates can be downloaded from https://aka.ms/CoEStarterKitDownload
- We recommend upgrading the CoE Starter Kit solution at least every three months.
- Install the updates by importing the latest version to the environment where you originally installed the solution and select Upgrade to update the solution.
- **NOTE!** If you have made any changes to the Flows / Apps in the managed solution, they won't receive updates until you remove that unmanaged layer. For every Flow/App that you changed, go to the solution layers and remove it.



# Extending Starter Kit

- When you're ready to extend the CoE Starter Kit with your own ideas, you'll do so by making modifications to the solution components in your own unmanaged solution.
- Choose components from the CoE Starter Kit you want to extend, add it to you unmanaged solution and then create copy of it. Remove the original CoE version of the app/flow from your solution. **NOTE**, not all components can be copied like parent flows calling child flows (most CoE flows uses child flows).
- Extend by making modifications to the copied component in the context of your new unmanaged solution.
- Deploy your solution to test and production.

https://learn.microsoft.com/en-us/power-platform/guidance/coe/modify-components
https://learn.microsoft.com/en-us/power-platform/guidance/coe/modify-components#working-with-cloud-flows

# Extending Starter Kit - What components can I customize?

- Tables and model-driven apps support merging. These resources can easily be extended by creating your own unmanaged solution and making changes there (for example, adding new fields). During an upgrade, you'll receive our changes and also keep your changes.
- Canvas apps and cloud flows do not support merging. These resources can only be extended and customized by creating a copy in your own unmanaged solution. During an upgrade, you'll no longer receive our changes, which should be a deliberate choice in order to customize a process and make it fit to your organization.
- Cloud flows that are responsible for gathering inventory should not be customized. These flows are frequently updated to fix bugs, gather additional data, or improve performance. If you have additional requirements for what inventory to gather, raise a feature ask or create separate flows for your requirements.

https://learn.microsoft.com/en-us/power-platform/guidance/coe/modify-components

# Limitations

CoE Starter Kit has some limitations you need to be aware of few most important listed here. See full list from the documentation

**Security groups and approvals** - We recommend against using security groups to control access to the CoE environment, because it's likely that users who don't have access to this environment will be participating in approvals

**Long running flows** – Inventory flow (Admin | Sync Template v3*) can be very resource expensive consuming lots of Power Platform requests. Larger tenants might require a Power Automate Per Flow license to complete in a timely manner.

**Trial Licenses** – Individual trial licenses (started by user) are not supported as they do not provide necessary performance related paging features required by CoE flows

**Flows that are imported or owned by a service principal -** The Admin | Sync Template v3 (Flows) flow will fail to collect inventory information for flows that were imported or are owned by a service principal.

**Supported languages** – CoE Starter Kit solutions are not localized, and only support English

https://docs.microsoft.com/en-us/power-platform/guidance/coe/limitations

# Core Solution Deep Dive

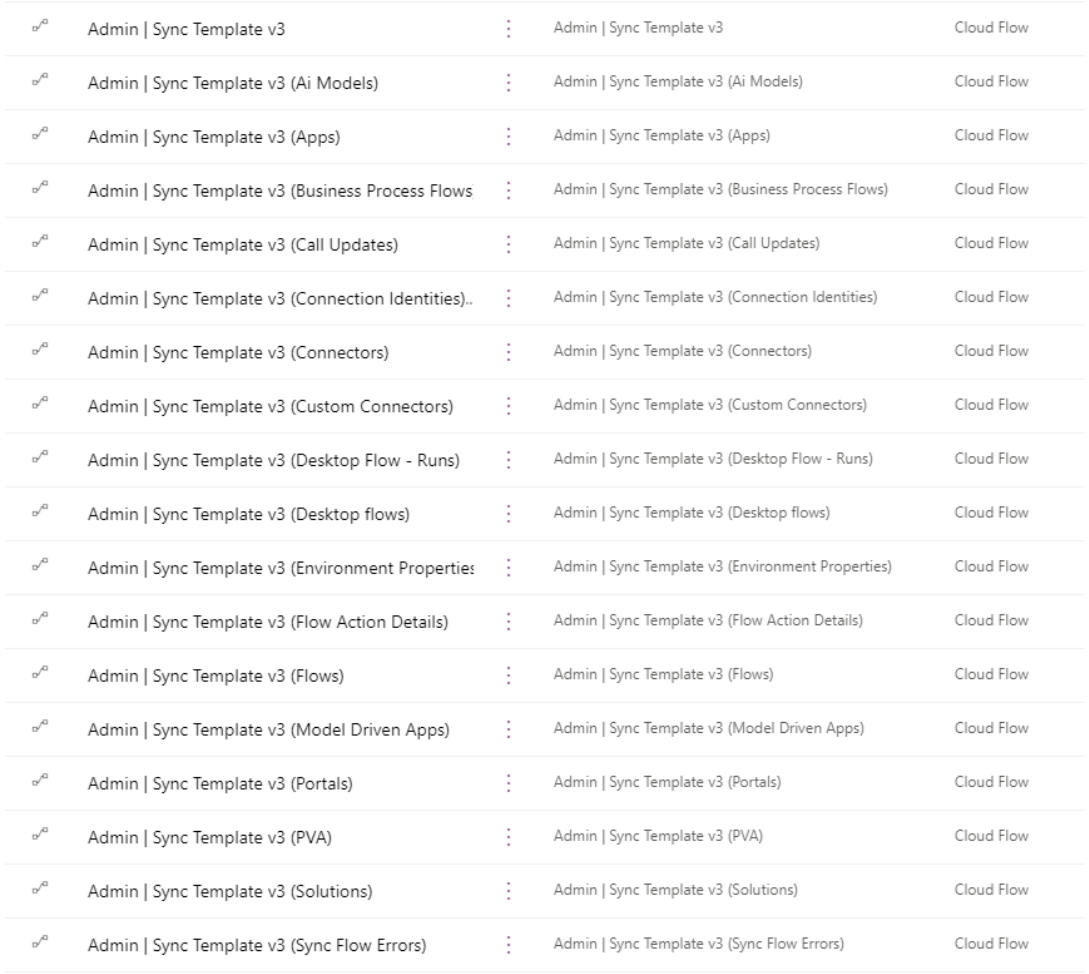
# Inventory – Sync Templates

Cloud Flows

Inventory flows gets resource-specific information about your tenant resources like environments, apps, flows, virtual agents. This data is stored in corresponding Dataverse tables

Most of these flows are triggered when the **Admin | Sync Template v3 (Driver)** flow runs and stores information about Power Platform environments

The first run of these flows will perform a full inventory of every Power Platform resource in your tenant and depending on the size of your tenant, these flows may take a long time to run



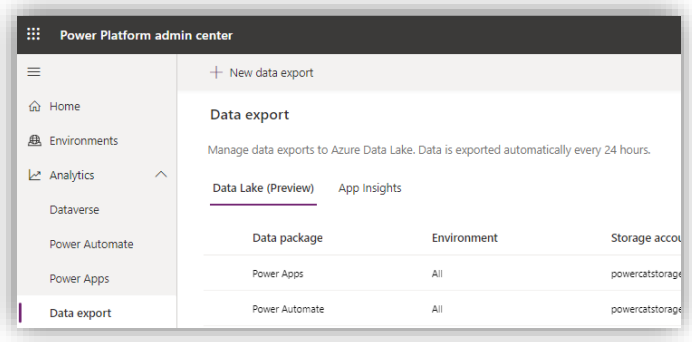
# CoE Kit BYODL - Self-serve analytics architecture (Preview)

CoE Starter Kit Building Blocks

- CoE Kit Bring Your Own Data Lake (BYODL) option offers another way to gather information about Power Platform resources
- Currently supports Power Apps, Cloud Flows, Environments, Connections and usage data for Apps and Flows  data for the CoE Kit utilizing inventory and telemetry data
- This offers much faster way to get inventory data compared to traditional cloud flows option which has had issues especially in large tenant with lots of Power Platform resources
- This requires Tenant-Level Analytics enabled in the tenant and Data Export (preview) configured to export inventory data from the platform to Azure Data Lake storage account
- Power BI and Power Platform Dataflows are used to fetch and transform data

# CoE Kit BYODL - Self-serve analytics architecture (Preview)

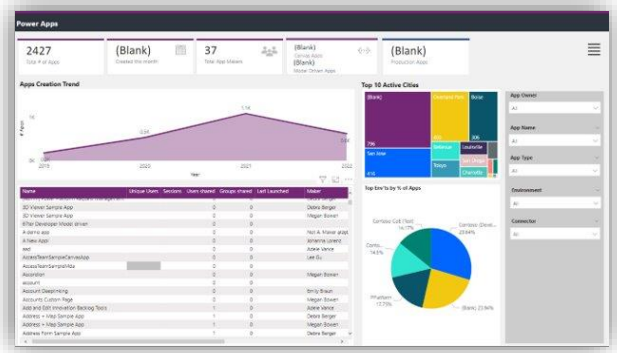
## CoE Starter Kit Building Blocks



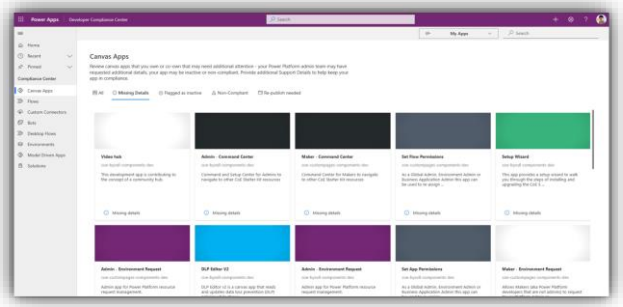

Includes Environments, Power Apps, Cloud Flows, connections and usage of Apps and Cloud Flows

Inventory and telemetry data is provided by Microsoft to your own Azure storage account

Power BI Dataflows prepare the data for the Power BI Dashboard



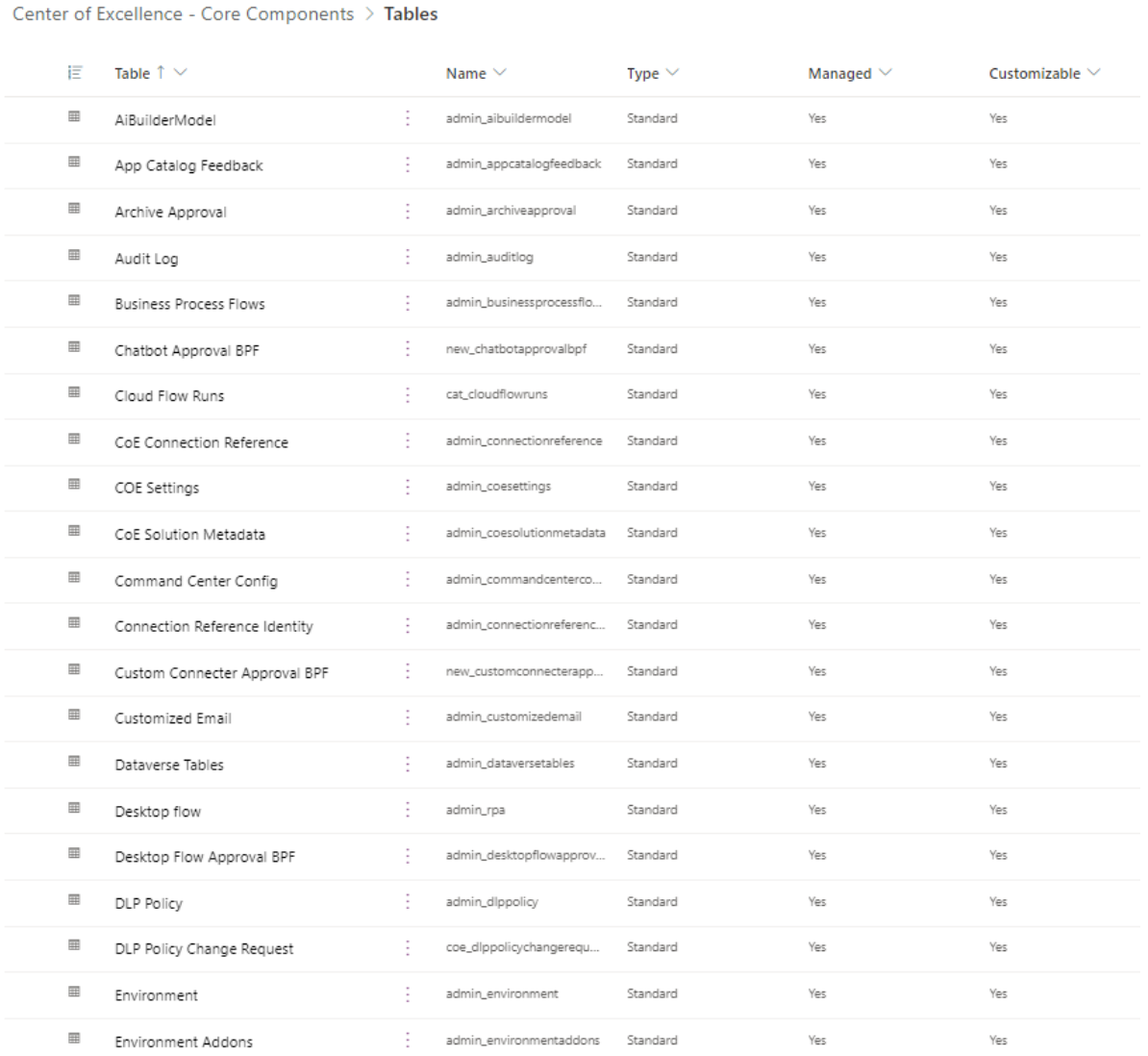
Power Platform Dataflows write minimal data to Dataverse to merge with data gathered through CoE processes



# Dataverse Tables

The inventory flows of the CoE Starter Kit sync your tenant resources to the Dataverse tables.

All tables provide information about created by/on and modified by/on, in addition to resource-specific information.



Center of Excellence - Core Components > Tables

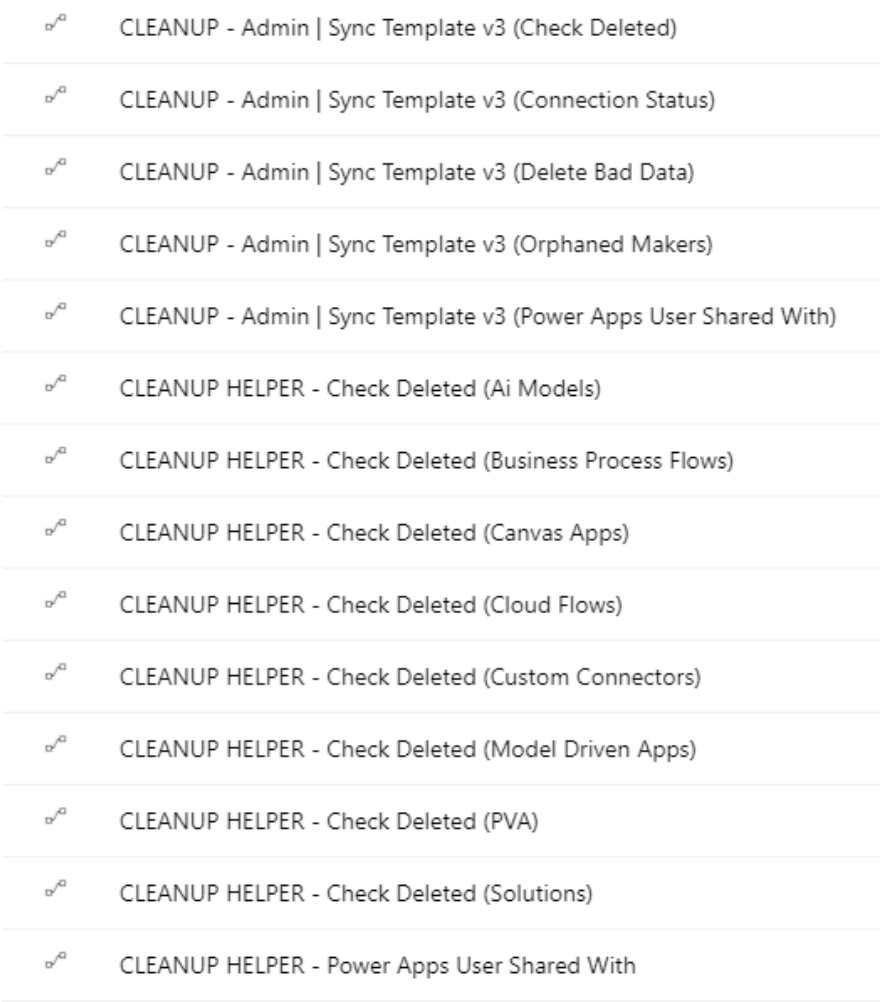
| Table | Name | Type | Managed | Customizable |
|---|---|---|---|---|
| AiBuilderModel | admin_aibuildermodel | Standard | Yes | Yes |
| App Catalog Feedback | admin_appcatalogfeedback | Standard | Yes | Yes |
| Archive Approval | admin_archiveapproval | Standard | Yes | Yes |
| Audit Log | admin_auditlog | Standard | Yes | Yes |
| Business Process Flows | admin_businessprocessflo... | Standard | Yes | Yes |
| Chatbot Approval BPF | new_chatbotapprovalbpf | Standard | Yes | Yes |
| Cloud Flow Runs | cat_cloudflowruns | Standard | Yes | Yes |
| CoE Connection Reference | admin_connectionreference | Standard | Yes | Yes |
| COE Settings | admin_coesettings | Standard | Yes | Yes |
| CoE Solution Metadata | admin_coesolutionmetadata | Standard | Yes | Yes |
| Command Center Config | admin_commandcenterco... | Standard | Yes | Yes |
| Connection Reference Identity | admin_connectionreferenc... | Standard | Yes | Yes |
| Custom Connecter Approval BPF | new_customconnecterapp... | Standard | Yes | Yes |
| Customized Email | admin_customizedemail | Standard | Yes | Yes |
| Dataverse Tables | admin_dataversetables | Standard | Yes | Yes |
| Desktop flow | admin_rpa | Standard | Yes | Yes |
| Desktop Flow Approval BPF | admin_desktopflowapprov... | Standard | Yes | Yes |
| DLP Policy | admin_dlppolicy | Standard | Yes | Yes |
| DLP Policy Change Request | coe_dlppolicychangerequ... | Standard | Yes | Yes |
| Environment | admin_environment | Standard | Yes | Yes |
| Environment Addons | admin_environmentaddons | Standard | Yes | Yes |

# Sync Templates – Cleanup Flows

Cloud Flows

Cleanup specific resources from the Dataverse tables like orphaned makers, Power Apps sharing information, and objects, which are in deleted states.

You can control what resources are really deleted or just marked as deleted using **Also Delete from CoE** environment variable (Yes/No). Default value is Yes



# Environment Variables

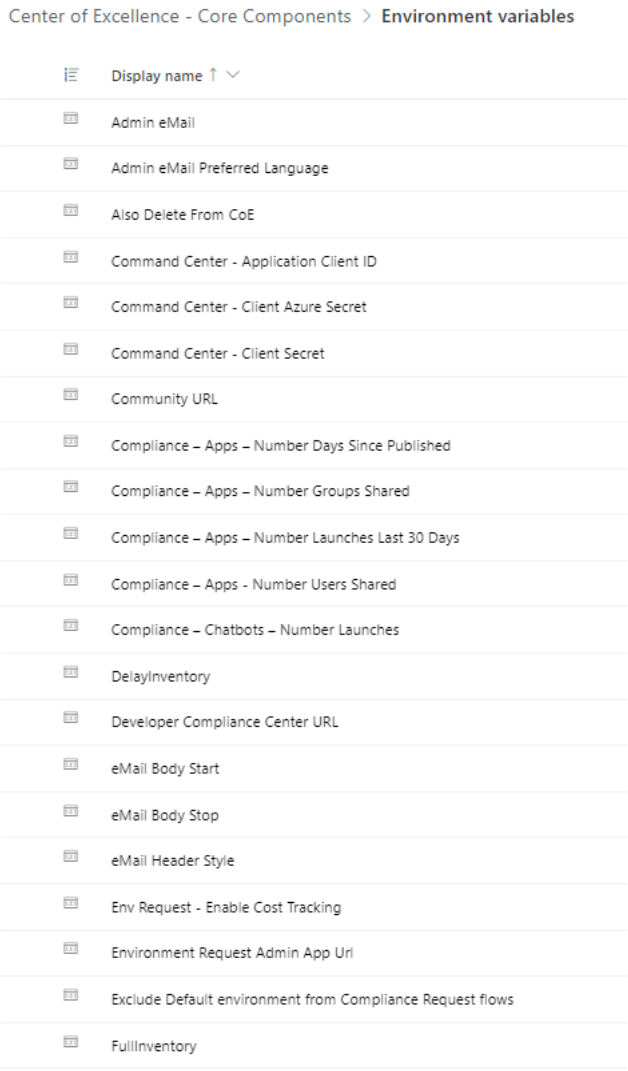
Core Component contains following environment variables, which are used to define and control certain CoE functionalities and settings. Few examples are:

- **Admin eMail** - Email address used in flows to send notifications to admins; should be either your email address or a distribution list
- **Power Automate environment variable** - The URL used by flow for your region
- **Also Delete from CoE** - Recommend Yes here to delete objects from the CoE inventory when they're deleted from the tenant. No will keep a record that an app or flow existed in the past
- **Graph URL Environment Variable** - REQUIRED. The URL used to get graph information for your cloud. Ex https://graph.microsoft.com

Some can be set during the solution import, and some might be needed to update afterwards depending which CoE components will be used.

Environment variables can be set in **new solution view** but not updated. To change the value use **Admin – Command Center** canvas app (recommended) or default solution.

https://learn.microsoft.com/en-us/power-platform/guidance/coe/setup-core-components#all-environment-variables



# Security Roles

**Power Platform Admin SR**

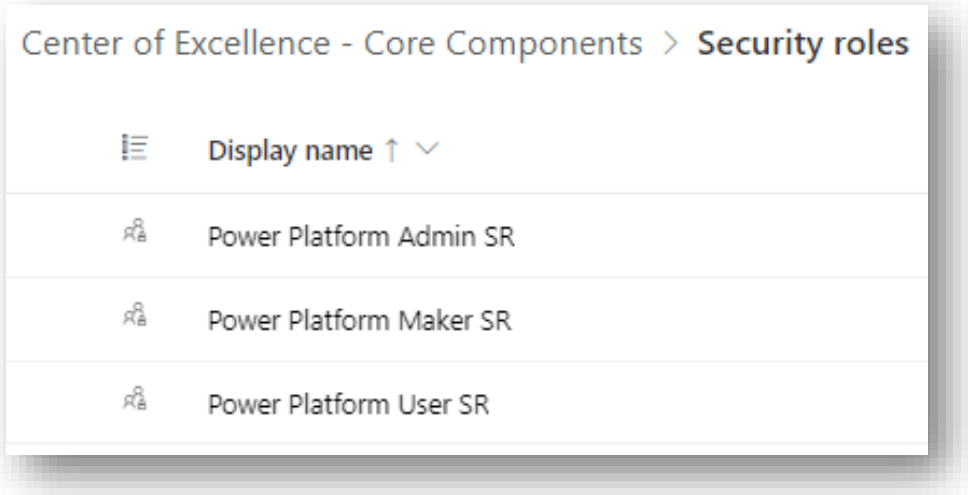
Gives full access to create, read, write, and delete operations on the custom tables

**Power Platform Maker SR**

Gives read and write access to the custom tables (environments, apps, and so on)

**Power Platform User SR**

Gives read-only access to the resources in the custom tables

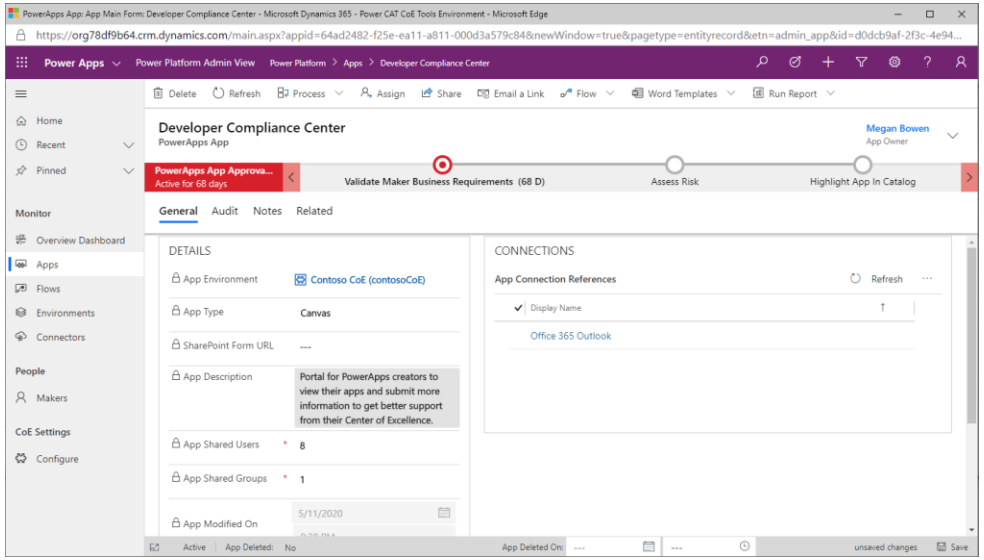



https://learn.microsoft.com/en-us/power-platform/guidance/coe/core-components#security-roles

# Power Platform Admin View

Model-Driven App

Provides an interface used to browse items in Dataverse custom tables. It provides access to views and forms for the custom tables in the solution.




Use this app to:

- Get a quick overview of resources in your tenant
- Learn about your makers, connectors, apps, and flows
- Find out who apps are shared with
- Add additional information, such as notes and risk assessments, to your resources
- Set approved capacity for environments, and see capacity and add-on information per environment
- Complete app audits

# Compliance Detail Request

Cloud Flow

Automatically initiated for Canvas Apps and Chatbots when Admin | Compliance detail request v3 flow is enabled. Thresholds of the following rules are configurable using environment variables

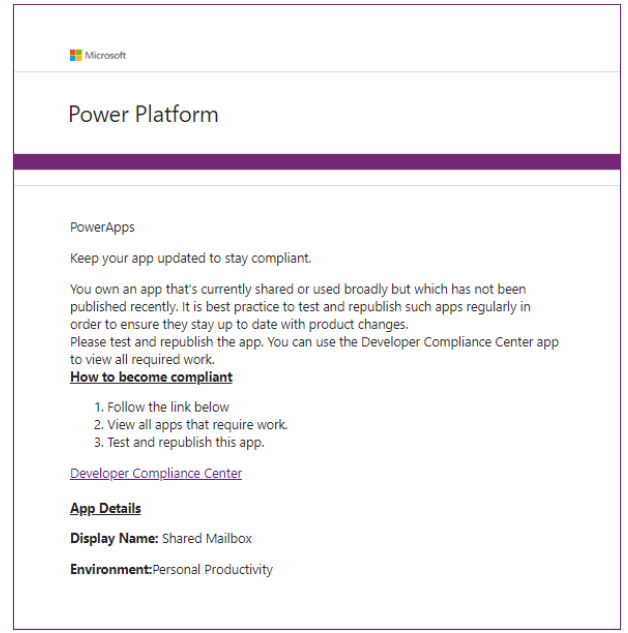
**Canvas Apps:**

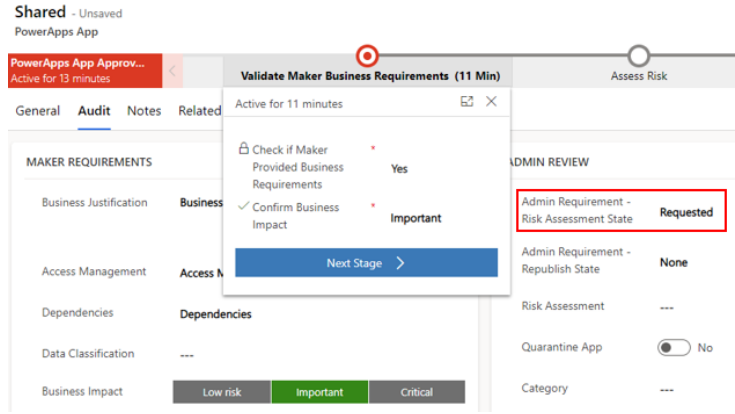
- Shared > 20 users or > 1 group, no business justification details provided.
- Business justification provided but not published since 60 days (sends email notification to owner)
- Business justification provided and an indication of high business impact, but no mitigation plan attached.

**Chatbots:**

- Launched > 50 times and no business justification details have been provided for it.
- Business justification details provided and an indication of high business impact, but no mitigation plan attached

Starts Approval BPF for PowerApps and Chatbots if Risk Assessment State is None or Requested (by admin)



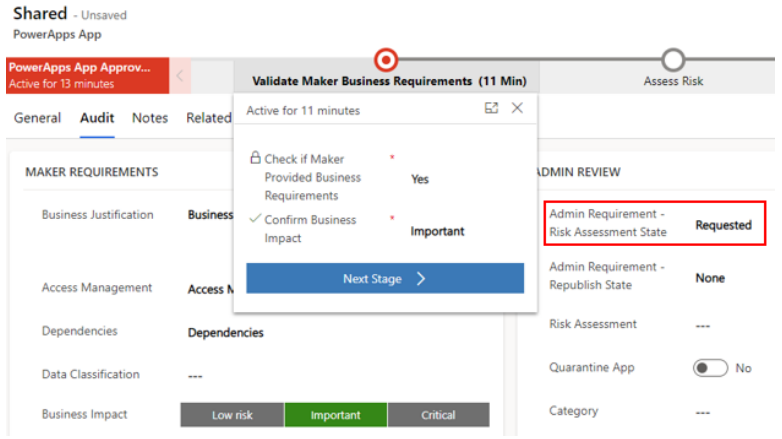

NOTE, These features requires CoE Governance component to be deployed and configured in your environment

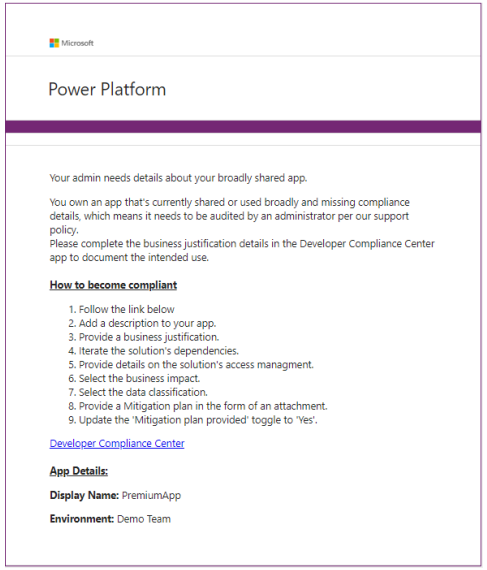
# Compliance Detail Request – Initiated by Admin

Cloud Flows

Admins can manually request compliance details update for following resources

- Canvas Apps
- Chatbots
- Flows
- Desktop Flows
- Custom Connectors




Sends compliance related emails to users when Admin Risk Assessment State is set to Requested

NOTE, These features requires CoE Governance component to be deployed and configured in your environment

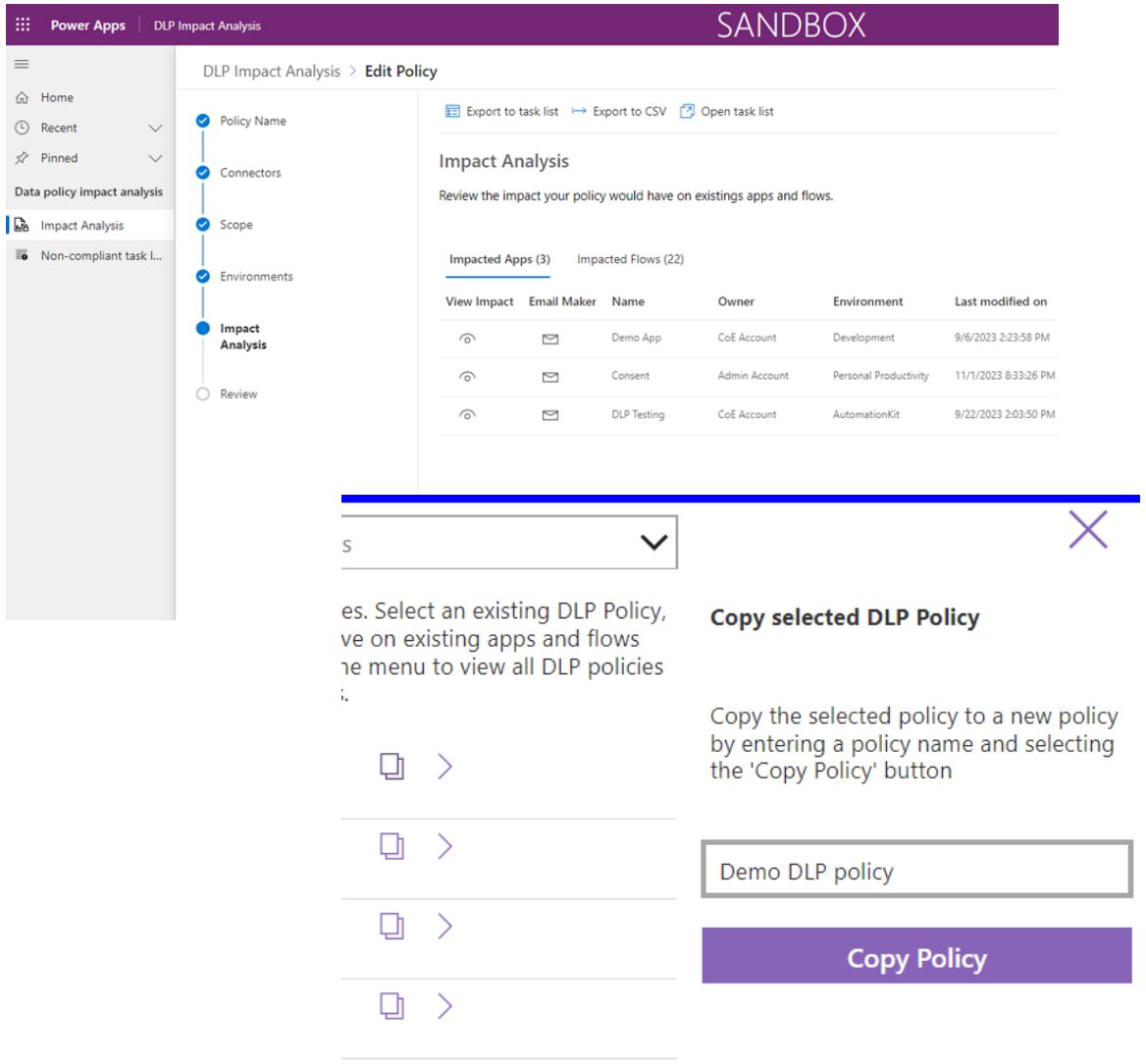
# DLP Impact Analysis

## Model-Driven App

Reads and updates Data Loss Prevention (DLP) policies while showing a list of apps and flows that are impacted by the policy configurations.

Use this app to:

- Make changes to DLP policies
- See impact each change will have
- Export impacted apps/flows to CSV file
- Copy DLP policies



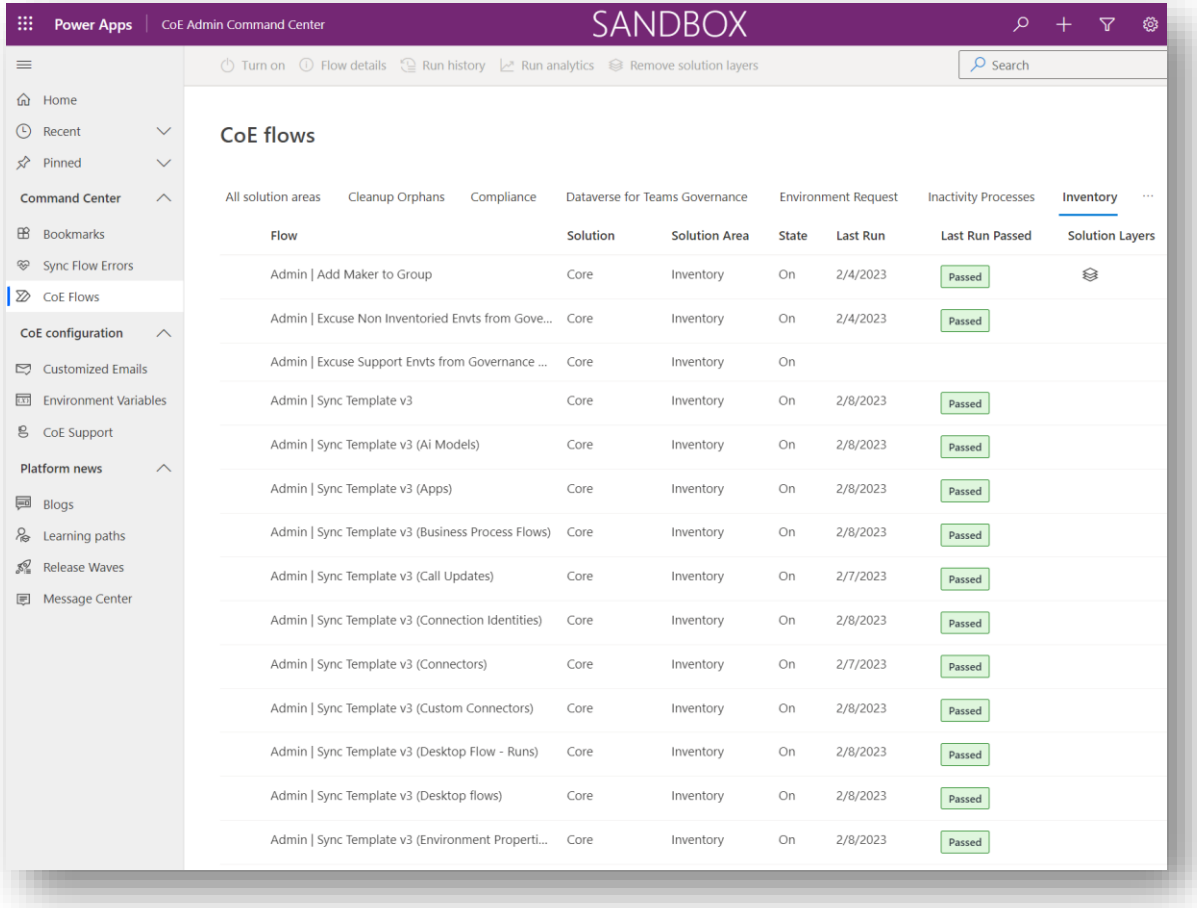
# CoE Admin Command Center

## Model-Driven App

Used by admins as a starting point to launch other apps in the CoE Starter Kit and review content relevant to admins.

Use this app to:

- Launch CoE Starter Kit apps and other bookmarks
- Review CoE Starter Kit service health by checking sync flows that have recently failed
- Update environment variables used in the CoE Starter Kit
- View Microsoft 365 Message Center news related to Microsoft Power Platform
- Download the latest CoE Starter Kit version and raise support tickets with the team
- Launch Microsoft Learn learning paths to learn more about Microsoft Power Platform
- Launch the latest posts of the Power Apps, Power Automate, Power BI and Power Virtual Agent blogs



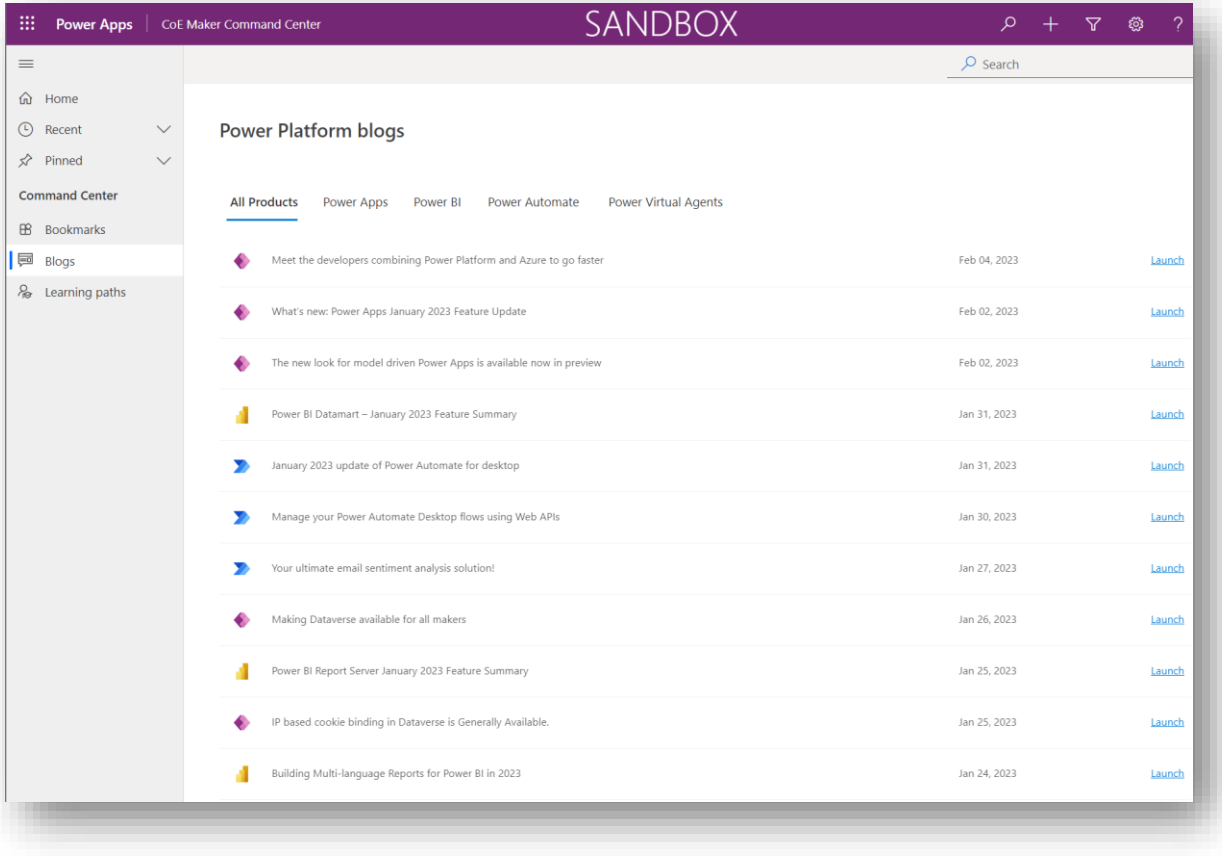
# CoE Maker Command Center

## Model-Driven App

Used by makers as a starting point to launch apps which admins have published using Admin – Command Center and are relevant to makers like App Catalog and Environment Request

Use this app to:

- Launch CoE Starter Kit apps and other bookmarks published by admins
- Launch Microsoft Learn learning paths to learn more about Microsoft Power Platform
- Launch the latest posts of the Power Apps, Power Automate, Power BI and Power Virtual Agent blogs



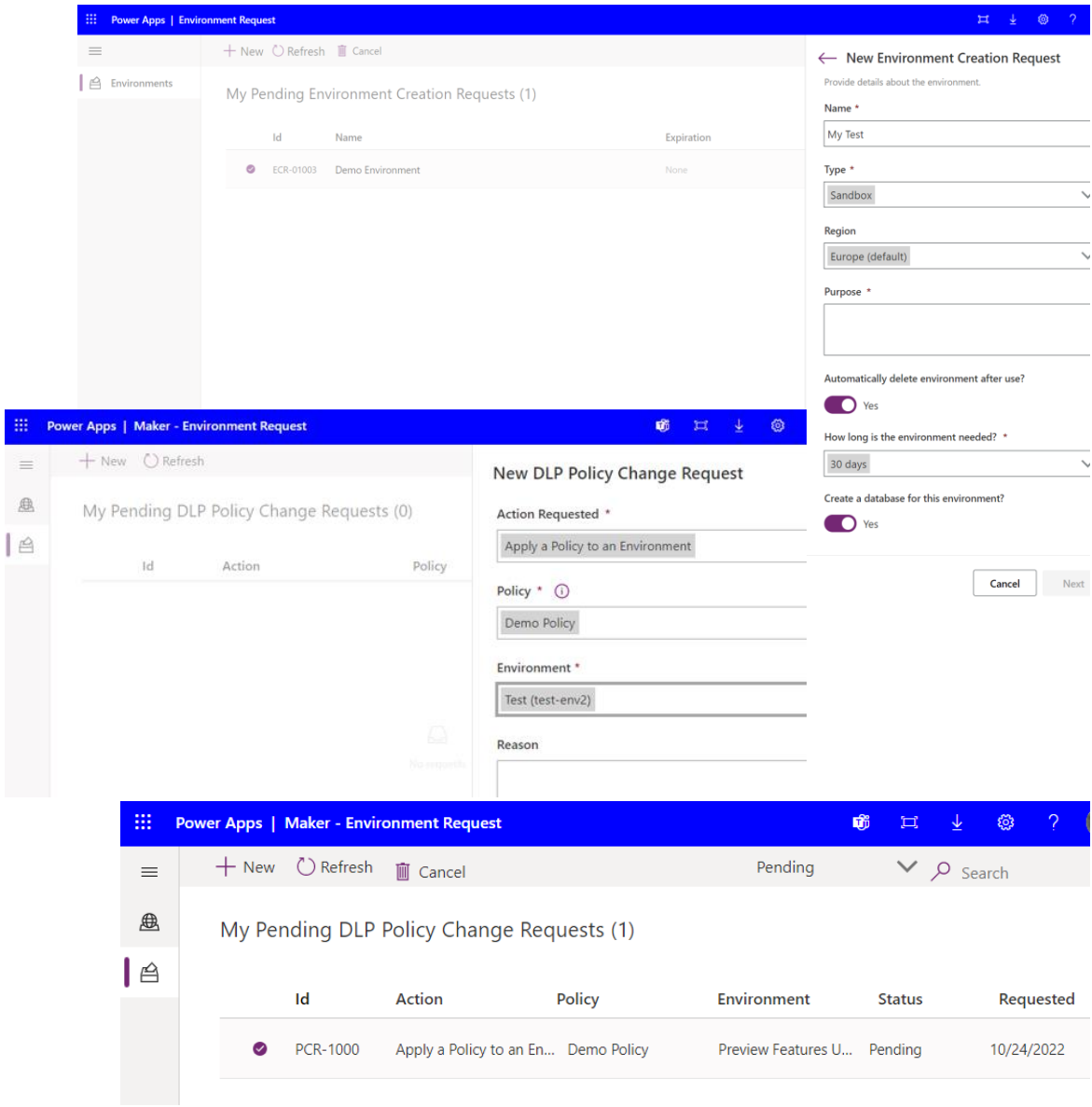
# Environment Request

## Canvas App

Designed to easily submit Power Platform resource requests

Use this app to:

- Submit new and view your existing environment creation requests
- Expiration timeline and link to the live environments can be found here
- Request DLP policy change, at the moment only **apply a policy to an environment** is available



# Admin – Environment Request

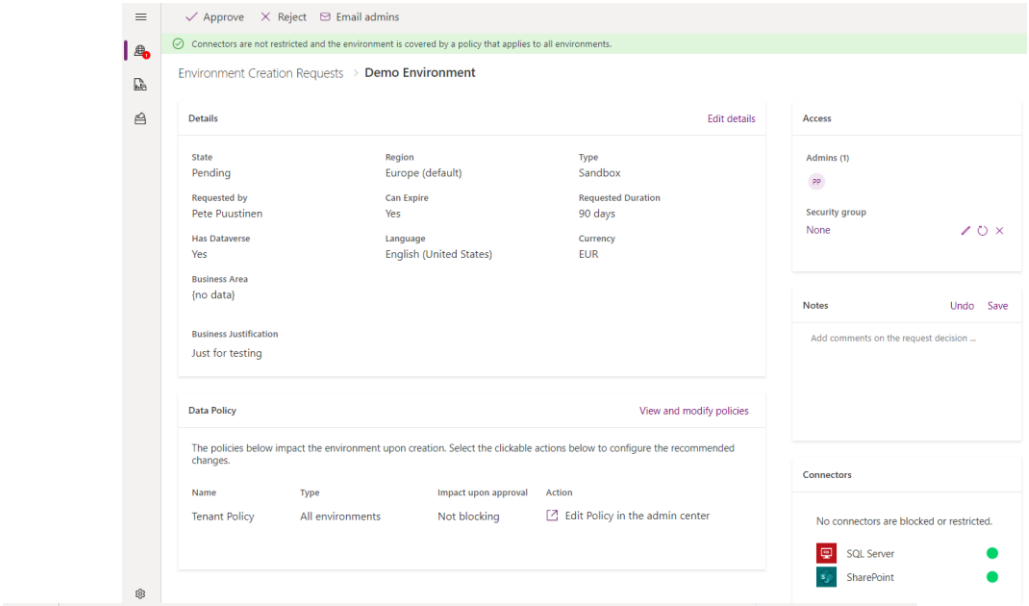
## Canvas App

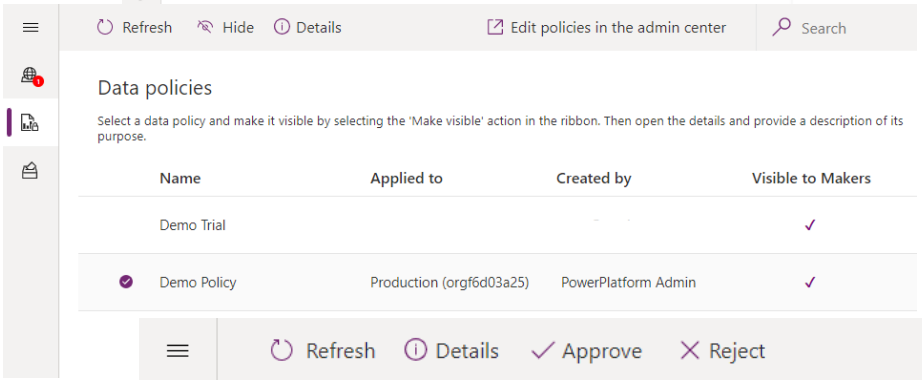
Used by admins to view and approve/reject requests to create or modify Power Platform Environments

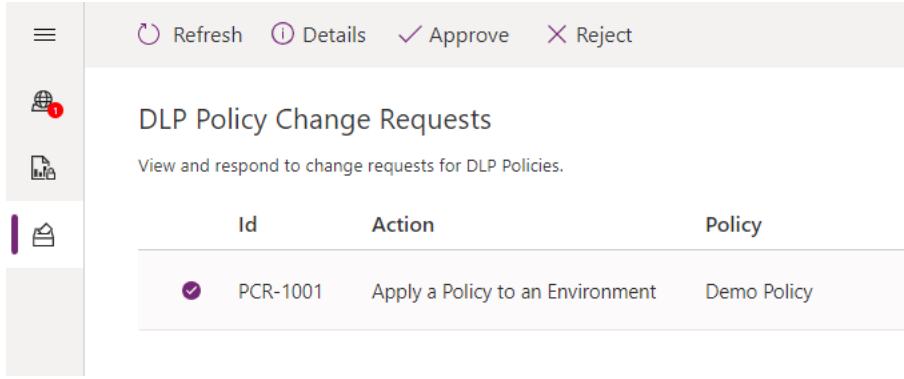
Supports environment creation requests changes to DLP policies are logged in the DLP Policy Change Request table.

Use this app to:

- View all Environment creation requests in detail
- Approve or reject environment creation requests
- View if connectors will be blocked or restricted by existing or modified DLP Policies. Modifications made in the app will update those Policies.
- Define which DLP policies are visible to users for creating DLP policy change request
- Approve or reject DLP policy change requests



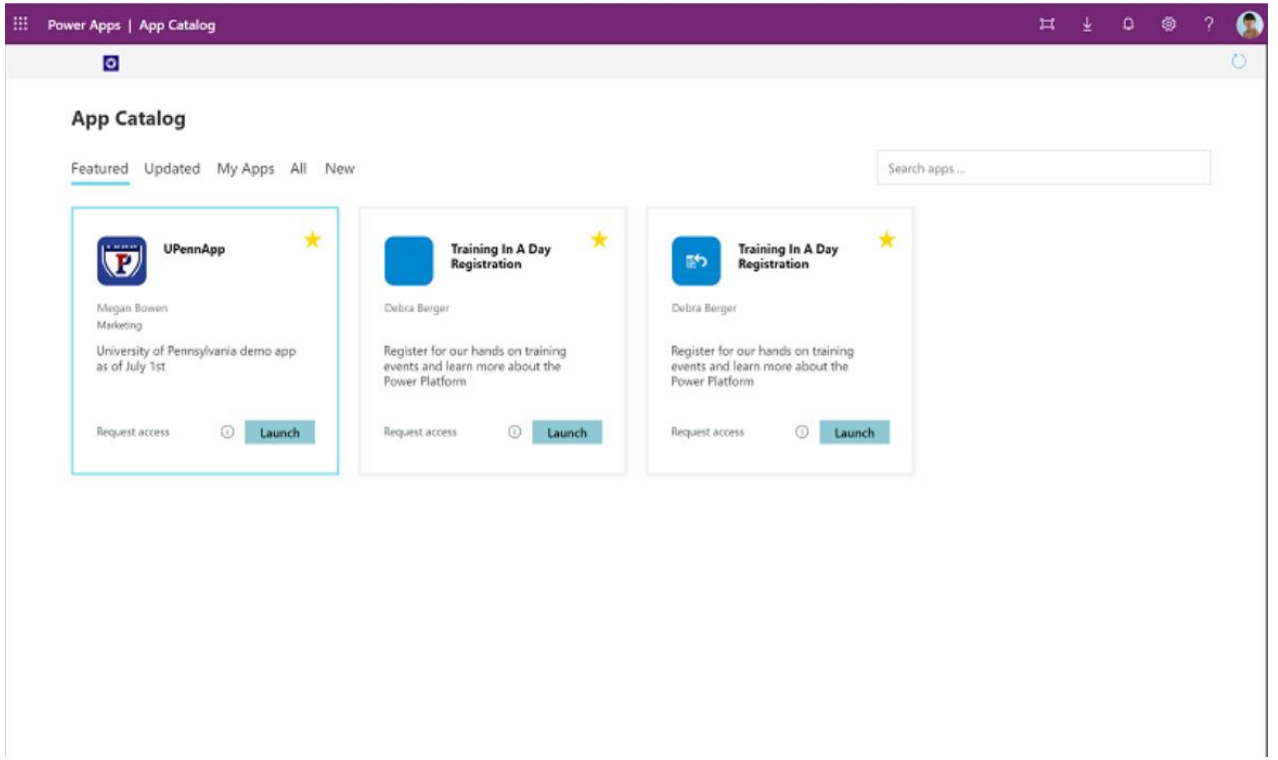



# App Catalog

## Canvas App

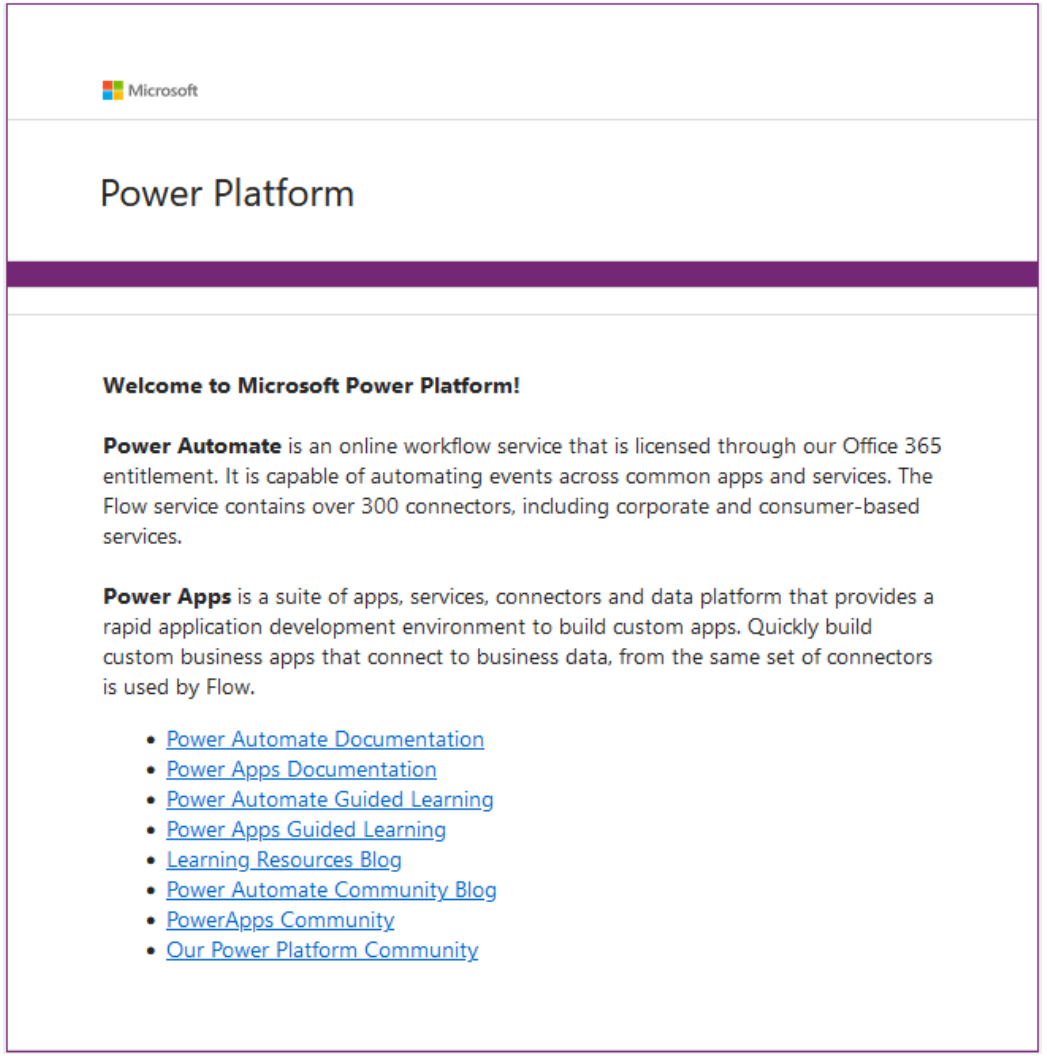
- Helps give visibility to certain apps in the organization
- Admins can choose which apps to highlight in the app catalog if the app meets admin requirements and is meant to be shared broadly.
- To publish an app to the app catalog, follow the app auditing process in the Power Platform Admin View app.



# Welcome Email

Cloud Flow

- This flow sends an email to a user who created an app, flow, custom connector, or environment.
- Gets triggered when a new record is created in the maker table.
- You can customize the email sent out by the flow.



# Get Power Apps and Flow events from Office 365 Audit Log

## Audit Log

Fetch following Power Platform events from Office 365 Audit Log (Microsoft Purview)

- Launch App
- Delete App
- Delete Flow

Launch App events are stored in CoE AuditLog table and used in the Power BI reports for unique users, sessions and last launched info

Delete App/Flow events flag app or flow deleted and sets the deletion time in CoE PowerApps and Flows tables

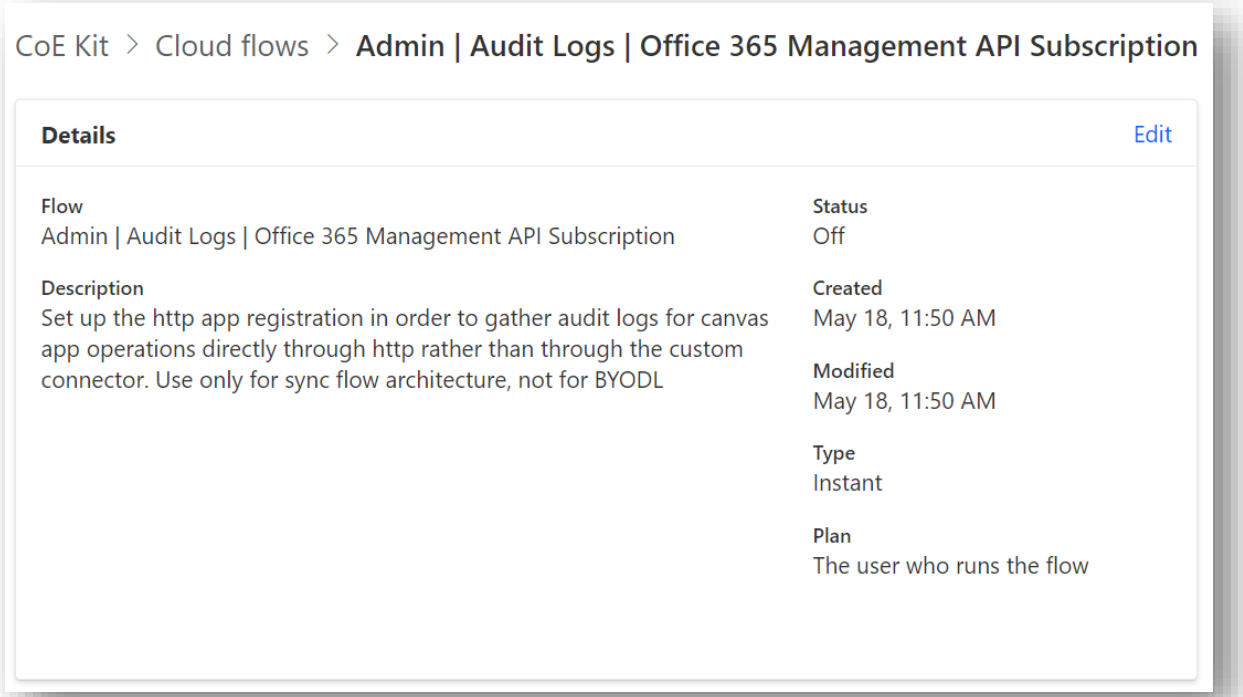
| Display Name | Owner | Unique Users | Sessions | Last Launched | Users Shared | Groups | Environment |
|---|---|---|---|---|---|---|---|
| PowerBI | Pete P... | 2 | 10 | 1/25/2023 | 0 | 0 | Production |
| Admin - Access this App [works embedd... | Pete P... | 1 | 5 | 1/18/2023 | 0 | 0 | CoE |
| Admin - Access this App_202210050300 | Pete P... | 1 | 7 | 10/7/2022 | 0 | 0 | CoE Kit |
| Admin - Access this Flow_202210050300 | Pete P... | 1 | 7 | 1/18/2023 | 0 | 0 | CoE Kit |
| Admin - Command Center | Pete P... | 1 | 2 | 9/22/2022 | 0 | 0 | CoE Kit - Teams |
| Admin - Command Center | Pete P... | 1 | 25 | 2/1/2023 | 0 | 0 | CoE Kit |
| Admin - Command Center | Power... | 1 | 8 | 10/31/2022 | 0 | 0 | Power CoE |
| Admin - Environment Request | Pete P... | 1 | 1 | 10/24/2022 | 0 | 0 | CoE Kit |
| ALM Accelerator Admin Configuration | Pete P... | 1 | 1 | 11/8/2022 | 0 | 0 | CoE Kit |
| ALM Accelerator for Makers | Pete P... | 1 | 1 | 11/8/2022 | 0 | 0 | CoE Kit |
| ALM Accelerator for Power Platform | Pete P... | 1 | 17 | 10/23/2022 | 0 | 0 | Power CoE |
| App and Flow Inactivity Notifications Cle... | Pete P... | 1 | 8 | 10/19/2022 | 0 | 0 | CoE Kit |
| App Catalog | Pete P... | 1 | 3 | 12/16/2022 | 0 | 0 | CoE |
| Canvas Template | Pete P... | 1 | 2 | 1/15/2023 | 0 | 0 | HKI Demo |
| Canvas Template | Pete P... | 1 | 13 | 1/16/2023 | 0 | 0 | Production |
| Cleanup Old Objects App | Pete P... | 1 | 3 | 10/19/2022 | 0 | 0 | CoE Kit |
| Copy Flows | Pete P... | 1 | 1 | 1/18/2023 | 0 | 0 | PowerHelpers |
| Copy Solution Flows | Pete P... | 1 | 15 | 11/18/2022 | 0 | 0 | CoE Kit |
| Copy Solution Flows | Pete P... | 1 | 1 | 12/16/2022 | 0 | 0 | CoE |
| Copy Solution Flows_Restored202212230... | Pete P... | 1 | 4 | 12/23/2022 | 0 | 0 | CoE-SW2 |
| Demo 3 | Pete P... | 1 | 1 | 10/12/2022 | 1 | 0 | Power CoE |
| Developer Compliance Center | Pete P... | 1 | 7 | 10/25/2022 | 0 | 0 | CoE Kit |

# Admin | Audit Logs | Office 365 Management API Subscription

Cloud Flow

This flow is used to start the Office 365 Management API subscription. This need to be done before API calls can be made from the CoE Kit flows

You can also stop and list existing subscription(s)



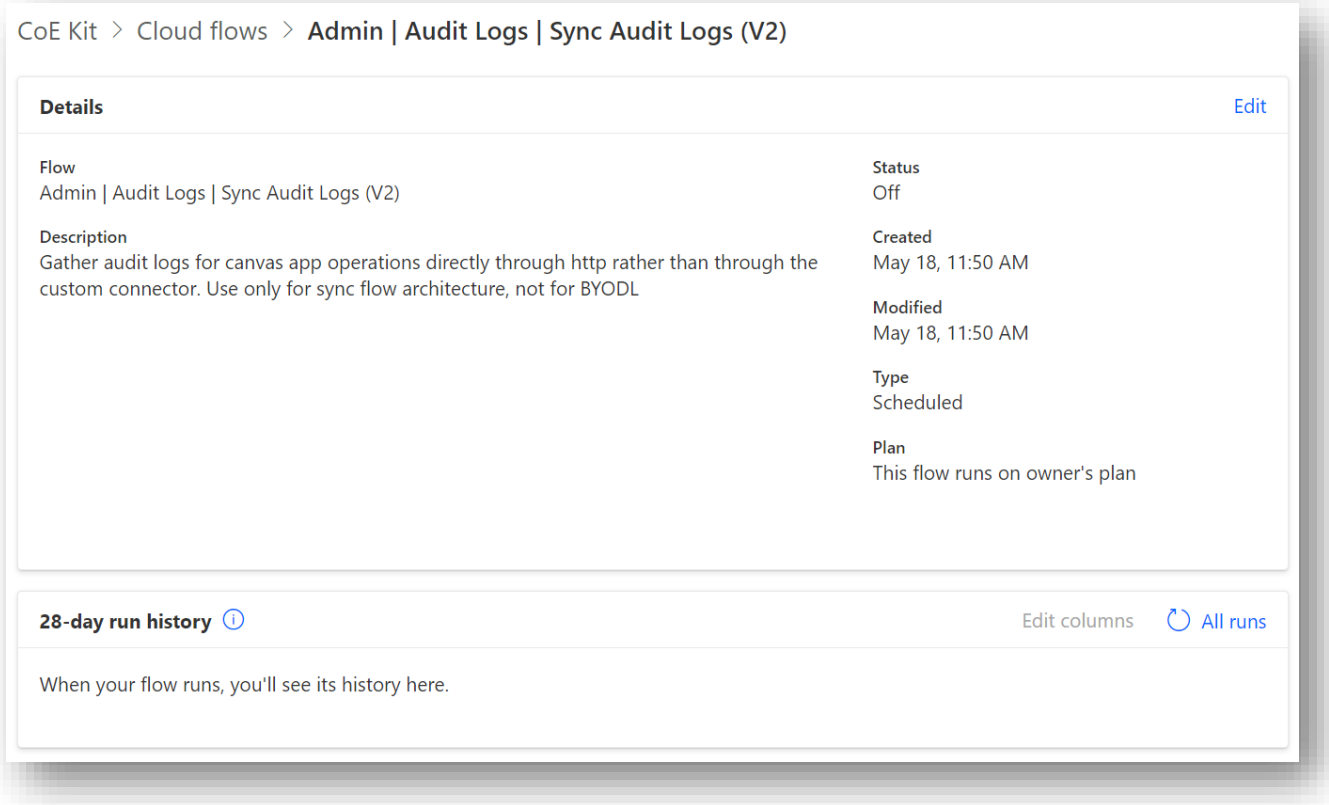
# Admin | Audit Logs | Sync Audit Logs (V2)

Cloud Flow

Runs once per hour fetching all Audit Log events from past 60 minutes

Office 365 Management API does not support filtering of events, so flow does the filtering and processes only the events used in CoE Kit

Requires that Office 365 Management API subscription is configured

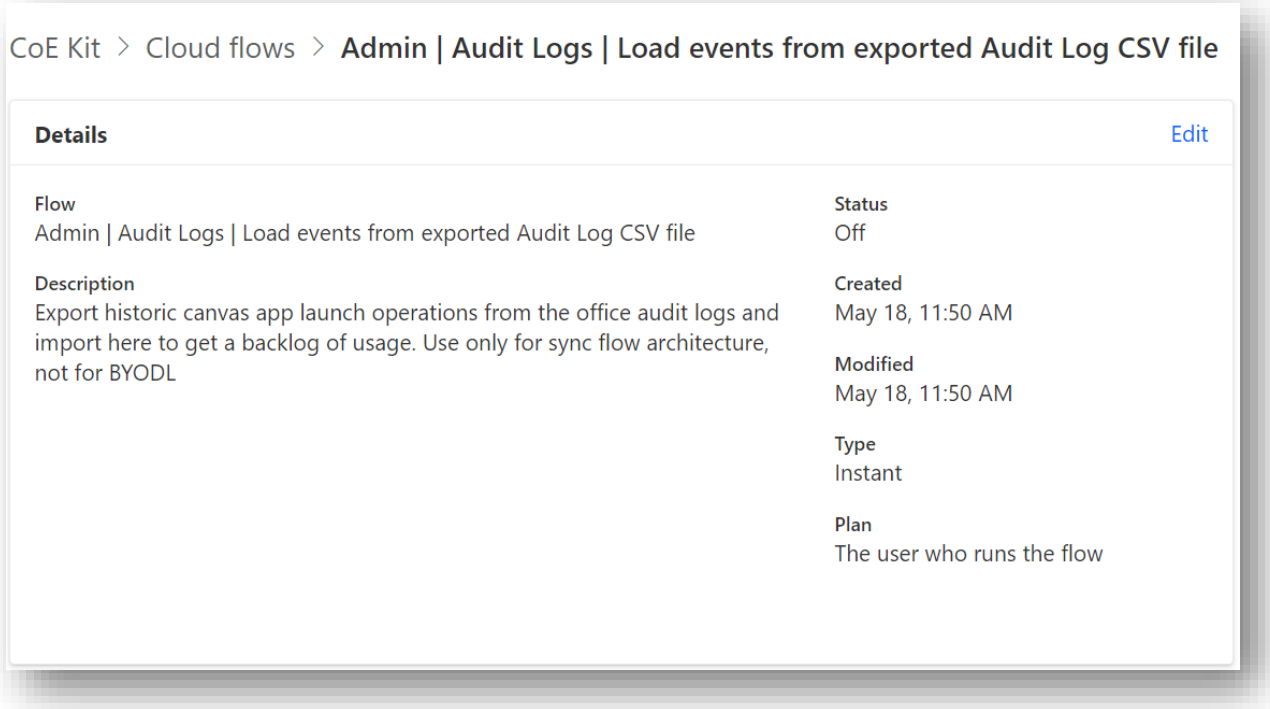


# Admin | Audit Logs | Load events from exported Audit Log CSV file

Cloud Flow

Flow to import old Launch Power App events from the Office 365 Audit Log

Audit Log events need to be exported from Office 365 Audit Log to CSV file which is then uploaded to this flow



# Environment Variables

| Name | Description | Values |
|---|---|---|
| Audit Logs - Audience | The audience parameter for the HTTP calls. | Commercial (Default): https://manage.office.com<br>GCC: https://manage-gcc.office.com<br>GCC High: https://manage.office365.us<br>DoD: https://manage.protection.apps.mil |
| Audit Logs - Authority | The authority field in the HTTP calls. | Commercial (Default): https://login.windows.net<br>GCC: https://login.windows.net<br>GCC High: https://login.microsoftonline.us<br>DoD: https://login.microsoftonline.us |
| Audit Logs - ClientID | App registration Client ID. | The application **Client ID** from the Create an Azure AD app registration for the Office 365 Management API step. |
| Audit Logs - Client Secret | App registration client secret in plain text. | The application **Client Secret** from the Create an Azure AD app registration for the Office 365 Management API step. Leave empty if you're using Azure Key Vault to store your client ID and secret. |
| Audit Logs - Client Azure Secret | Azure Key Vault reference of the App registration client secret. | The Azure Key Vault reference for the application client secret from the Create an Azure AD app registration for the Office 365 Management API step. Leave empty if you're storing your client ID in plain text in the **Audit Logs - Client Secret** environment variable. This variable expects the Azure Key Vault reference, not the secret. Learn more: Use Azure Key Vault secrets in environment variables |

# CoE Power BI Dashboards

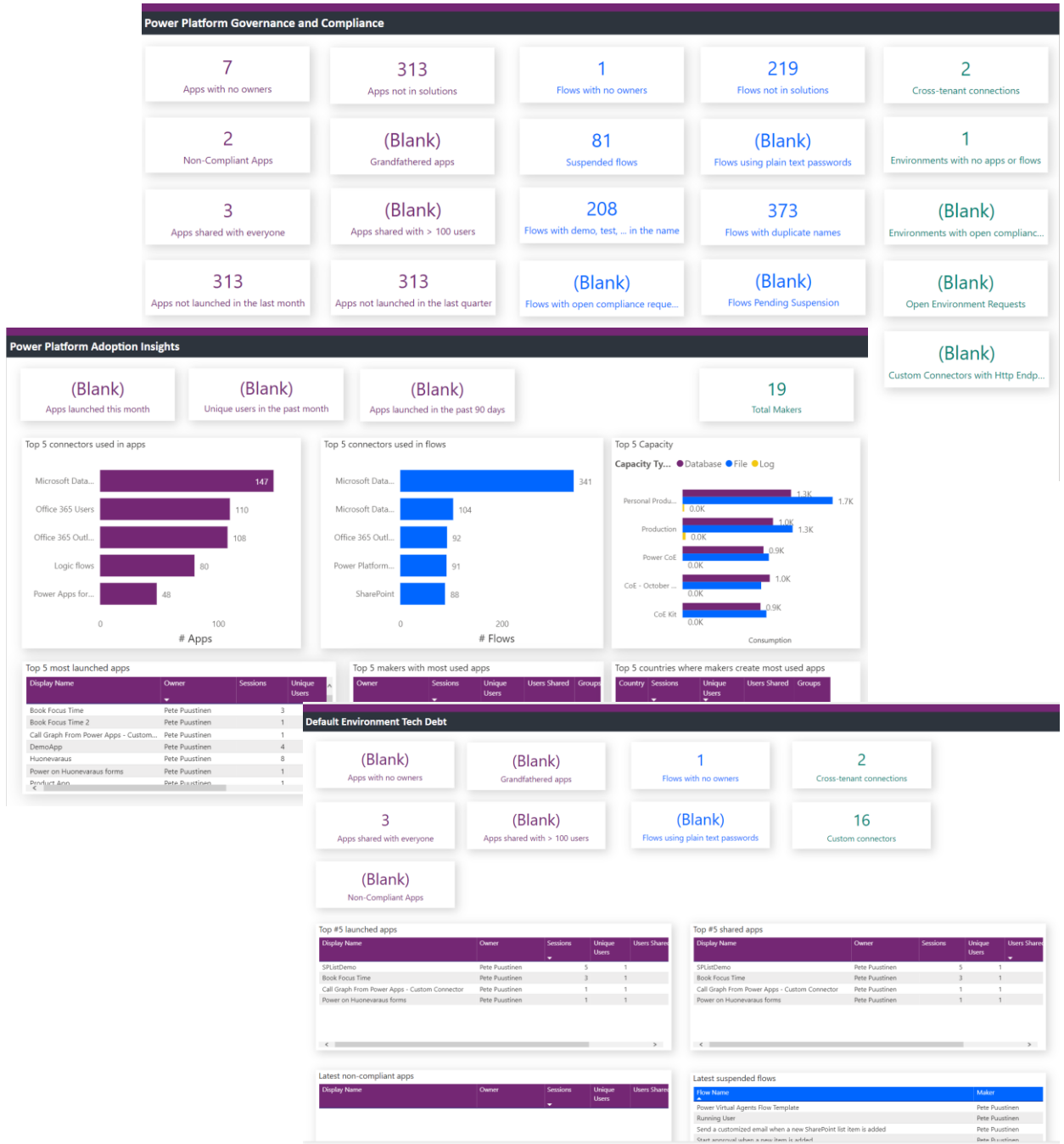
# CoE Dashboard

Provides a holistic view with visualizations and insights into resources in your tenant: Environments, Apps, Flows, Connectors, Connections, Audit Log, Makers etc.

Telemetry from the audit log is stored from the moment you set up the CoE Starter Kit, so over time you can look back and identify trends for longer than 28 days.

# CoE Governance Dashboard

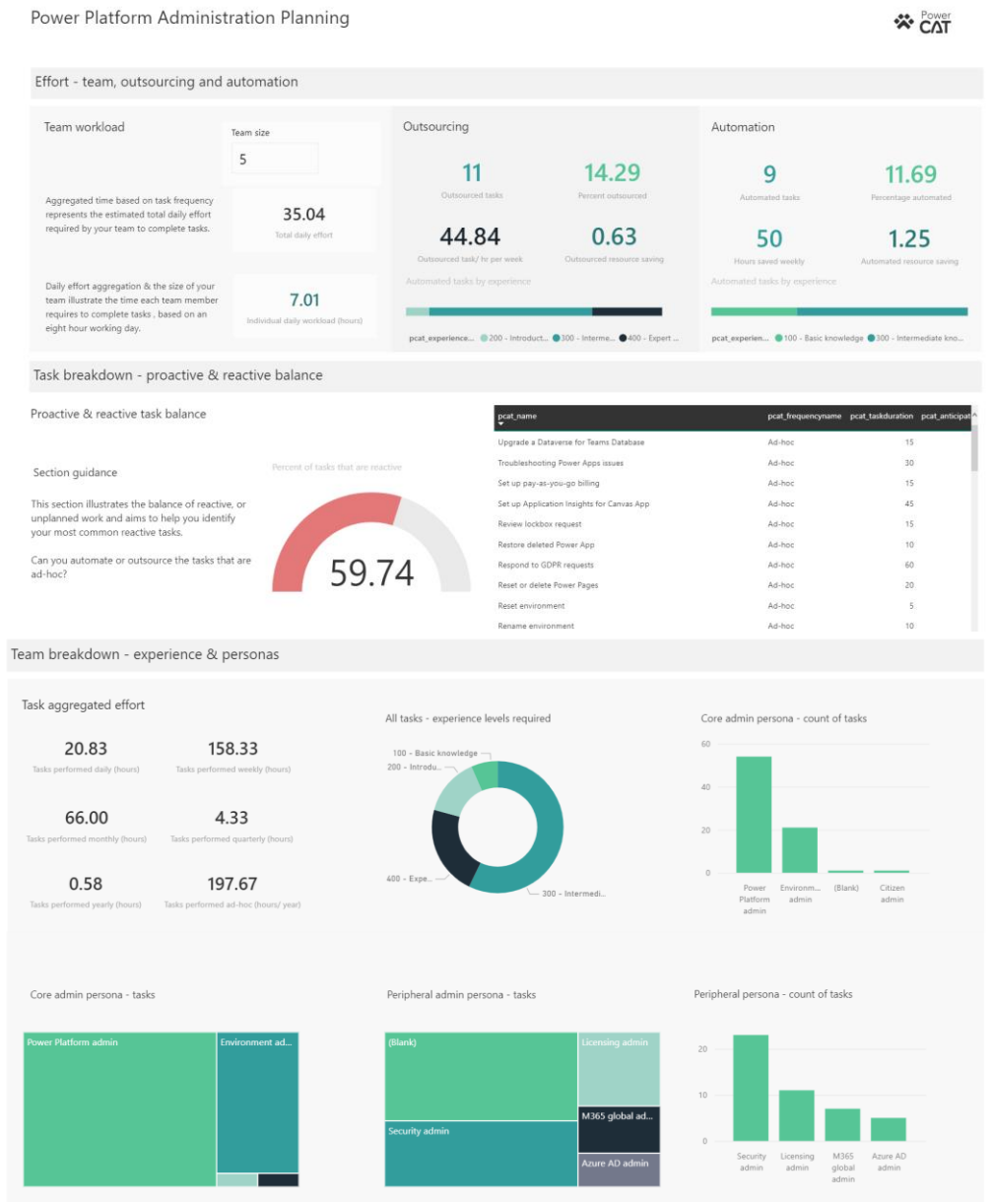
Governance dashboard highlights governance, compliance and security insights, allows you to gain a high-level view into your adoption and provides a tech debt report of the Default environment.



# Administration Planning

Administration Planning dashboard provides visualizations and insights into what your administration story looks like, based on your task metadata.

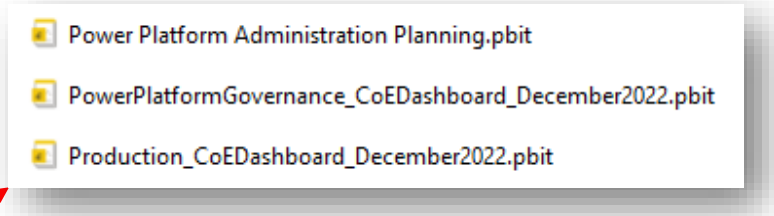
You can work directly with the Power BI (.pbit) file and Power BI Desktop to configure and modify the Power BI dashboard to reflect your own branding, and include or exclude visuals that you want to see in the dashboard.

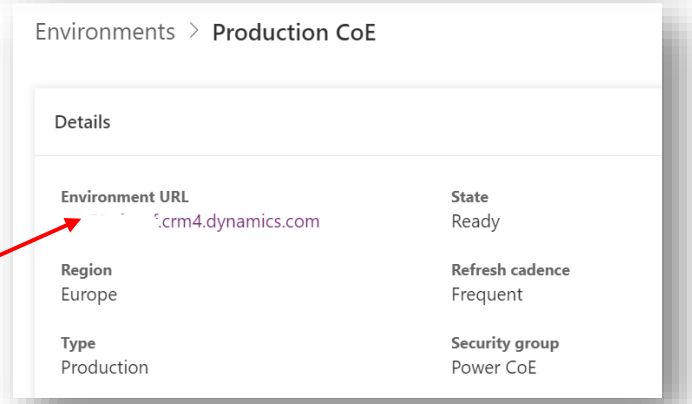


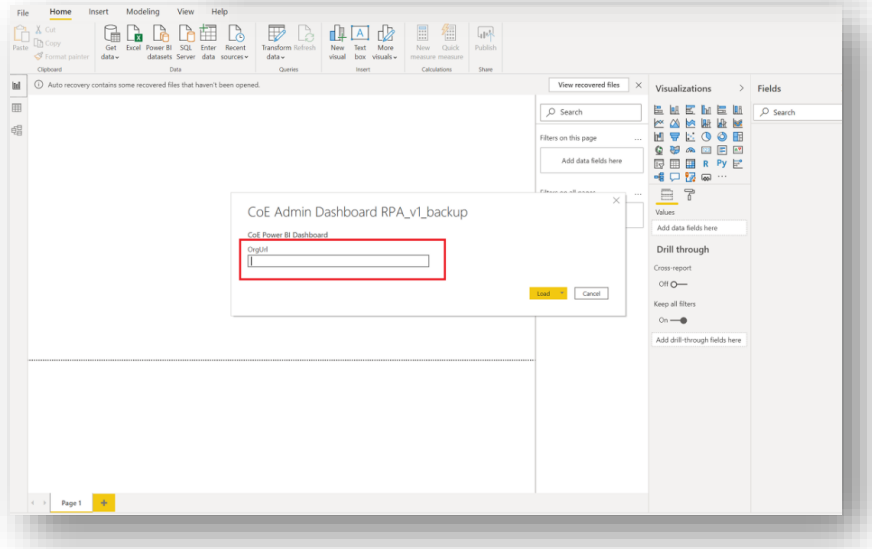
# Configure Power BI Dashboards

You can configure and modify the Power BI dashboard by working directly with the Power BI (.pbit) file and Power BI Desktop. This gives you flexibility in terms of modifying the dashboard to your own branding and including (or excluding) pages or visuals you want to see (or not see) in the dashboard.

1. Download and install Microsoft Power BI Desktop.
2. Open the dashboard *.pbit file to Power BI Desktop
3. Copy CoE environment url from the Power Platform Admin Center (PPAC)
4. When configuring **CoE Dashboard** or **CoE Governance Dashboard**, paste the environment URL with https:// prefix
5. When configuring **Power Platform Administration Planning** Dashboard, then paste the environment URL without https:// prefix

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# Questions?

# LAB – CoE Starter Kit Core and Audit Log solutions

## Lab Description

- Install and configure CoE Starter Kit Core solution
- Register Azure AD service principal and configure Office 365 Management API custom connector
- Install and configure CoE Starter Kit Audit Log solution

# LAB – CoE Starter Kit Power BI Dashboard

## Lab Description

- Configure Power BI Dashboard
- Install and use embedded Apps for Power BI Dashboard

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