

#SPSBE

4 steps to take control of Flow and PowerApps in your organization

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Greetings from Finland!



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Consultant, Microsoft MVP

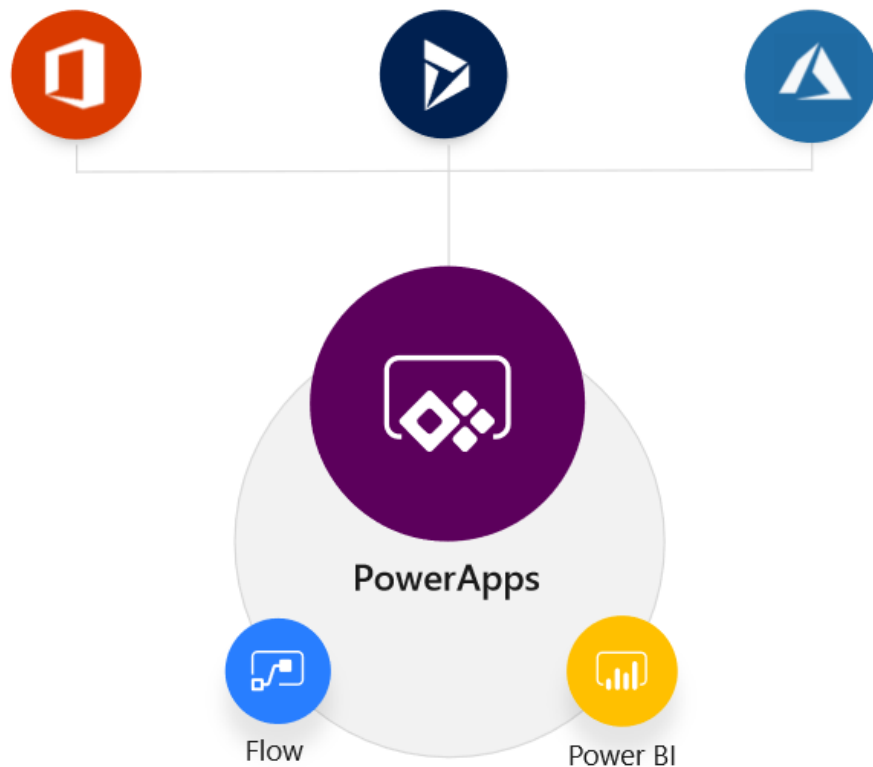
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**DIGITAL
ILLUSTRATED**

The Microsoft Power Platform

One high productivity platform that spans Office 365, Dynamics 365, and standalone applications







Step 1 – Build vision

Vision – PowerApps and Flow are for

No one
Strictly forbidden
Go away!



IT and consultants
only



Everyone

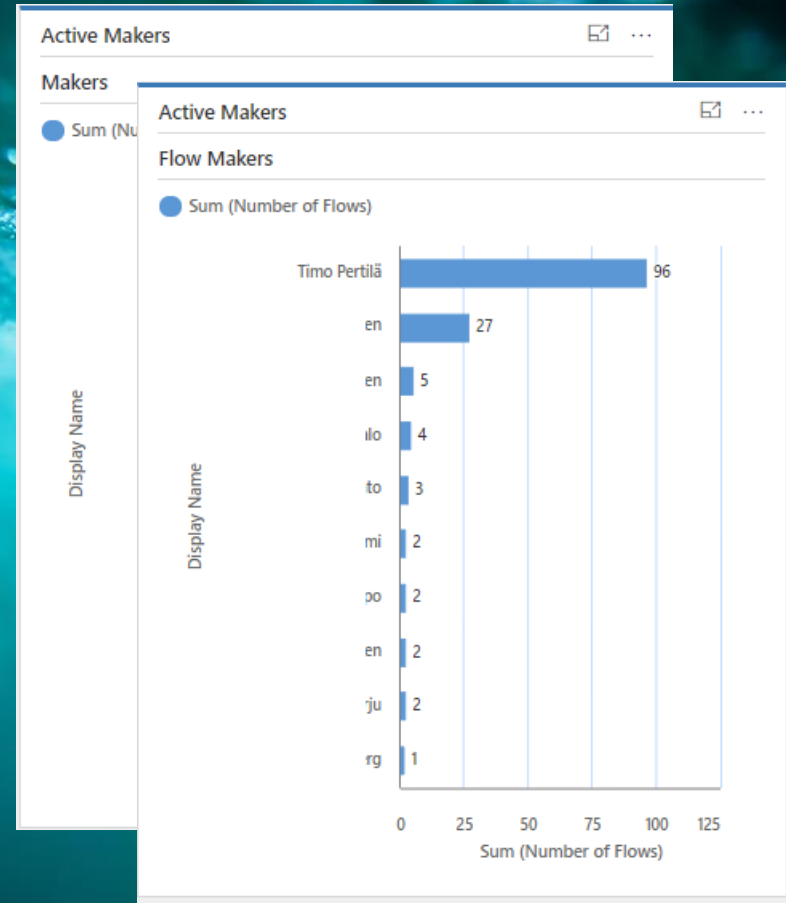


Case Digital Illustrated

72 employees

121 PowerApps

152 Flows

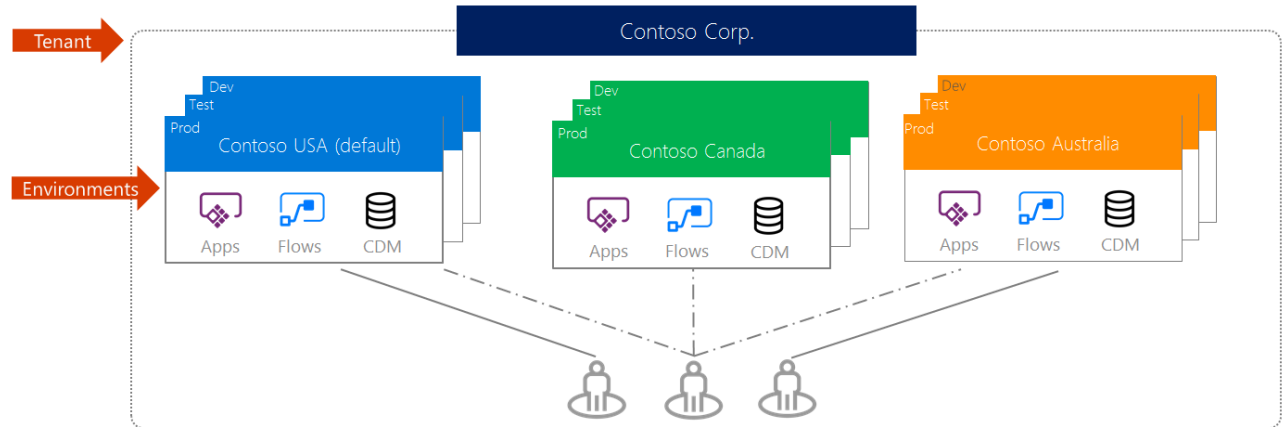




Step 2 – Build environment policy

Environments have

- **Resources** (Flows, PowerApps, Connections, Common Data Service database...)
- User **permissions** (makers, admins)
- Geographical **location**
- **DLP** (Data loss prevention) policies



Data loss prevention policies

PowerApps Admin center

Environments

Data policies

Data integration

Tenant

Business data only

Add

SharePoint

Office 365 Users

Planner

Office 365 Groups

OneDrive for Business

Custom Vision

Text Analytics

Common Data Service (current environment)

Excel Online (Business)

Excel Online (OneDrive)

File System

FTP

LUIS

Microsoft Forms

Microsoft Forms Pro

Project Online

Power BI

Plumsail Documents

SFTP

SFTP - SSH

Skype for Business Online

Common Data Service

Office 365 Outlook

MSN Weather

Salesforce

Approvals

Bing Maps

Bing Search

No business data allowed (Default)

Add

Azure Blob Storage

Flow management

Microsoft Flow for Admins

PowerApps for Admins

PowerPlatform for Admins

PowerApps for App Makers

Dynamics 365

PowerApps Notification

Content Conversion

OneNote (Business)

SQL Server

Azure AD

OneDrive

Dropbox

10to8 Appointment Scheduling

Azure Container Instance

Acti

Acumatica

Adobe Creative Cloud

Adobe Sign

Agilite

Ahead

airSlate

Ally

Amazon Redshift

Use of environments - Examples

- Environments for specific DLP policies (marketing)
- Environments for geographical locations (USA, Europe, Asia)
- Environments for dev, test and production

Many organization uses only the default environment!

Be carefully with **SQL** and **Blob storage** connections!

Minimun environment setup

Default



- "Wild wild west"
- Everybody can build solutions
- No official support by IT
- SQL & Blob connections forbidden
- Personal / team level solutions
- Non-critical solutions

Production

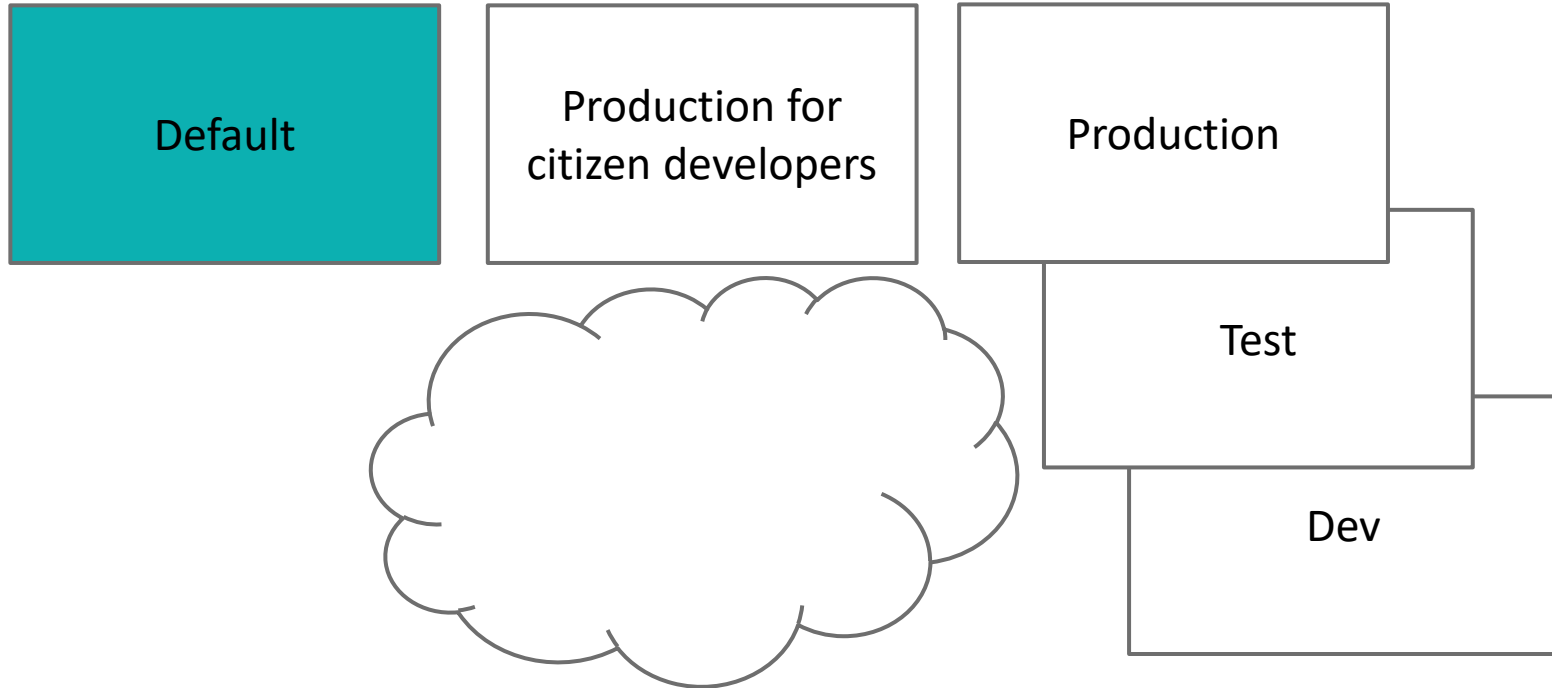


Test

- Managed environment
- Approved makers can build solutions
- Possible to have support
- SQL & Blob connections can be used
- Widely used solutions
- Critical solutions

Dev

Remember your citizen developers





Step 3 – Start monitoring your environment(s)

You can get information from

- PowerApp Analytics
 - Flow Analytics
 - Power Platform Admin center
 - PowerApps Admin center
 - Flow Admin center
- Editors only
- Admins only



Demo



Yes, a lot of information
But not enough

Get more from AuditLogs

Office 365 Security & Compliance

Home > Audit log search

Audit log search

Need to find out if a user deleted a document or if an admin reset someone's password? Search the Office 365 audit log to find out what the users and admins in your organization have been doing. You'll be able to find activity related to email, groups, documents, and more.

Search Clear

Activities Show results for all activities

Results

Date	IP address	User	Activity
Accessed internal management tool			
Signed in or out			
Activated process or plug-in			
Microsoft Flow activities			
Created flow			
Edited flow			
Deleted flow			
Edited flow permissions			
Deleted flow permissions			
Started a Flow paid trial			
Renewed a Flow paid trial			
PowerApps app activities			
Created app			
Edited app			
Deleted app			
Launched app			
Published app			
Marked app as Hero			
Marked app as Featured			
Edited app permission			
Deleted app permission			
Restored app version			
Microsoft Stream video activities			

Clear all to show results for all activities

+ New alert policy

h to view results



Too many places to
follow?

Solution: Build your own reporting

- Get data by using
 - PowerShell cmdlets
 - Flow (PowerPlatform/PowerApps/Flow Management Connectors)
 - Rest API
- After hard work you have
 - Trend data more than last 28 days
 - One place for admins to have insights



Good news!
You don't have to start
from the scratch!

Center of Excellence (CoE) Starter Kit

Step	Scenario	Toolkit Component
Secure	DLP Editor	1. Canvas App - DLP Editor
Monitor	Flow templates to collect data into CDS Power BI Dashboards	2. CDS Entities: Environments, Apps, Flows... 3. Flow - Sync resources template 4. Flow - Sync audit logs 5. Power BI Dashboard 6. Custom Connector for Office 365 Audit Logs
Alert & Action	Maker and Admin notification via Flow templates (Compliance request) Admin Model Driven App facilitates app audit process	7. Canvas App - Developer Compliance Center 8. Flow - Compliance detail request 9. Model Driven App - Business Process Flow for Auditing resources
Nurture	App catalog Welcome email, Internal community channel links	10. Canvas App - App Catalog 11. Flow - Welcome Email

<https://github.com/microsoft/powerapps-tools/tree/master/Administration/CoEStarterKit>



DEMO – CoE Starter Kit



Step 4 – React + Automate

You should be interested when

- Somebody builds his/her first PowerApp/Flow
- PowerApp/Flow owner leaves the company
- PowerApp/Flow is shared to several users/groups
- PowerApp/Flow fails
- Somebody builds a lot of PowerApps/Flows
- PowerApp/Flow is not used at all
- PowerApp/Flow is not modified after created
- PowerApp/Flow is used heavily
- PowerApps isn't published during last x days

What is interesting? It depends on environment




Diagram illustrating the Development environment. A teal rectangle is labeled "Default". A speech bubble contains the text "Keep it clean". A tilted speech bubble contains the text "Identify interesting solutions". A cartoon illustration of a man with a beard and glasses is positioned to the right of the teal rectangle.

- Shared?
- Not used?
- Heavily used?
- Orphan PowerApps / Flow?
- Who are active makers?

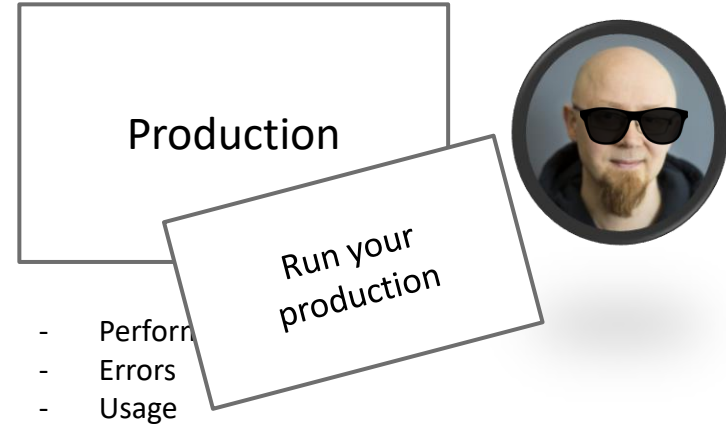


Diagram illustrating the Production environment. A white rectangle is labeled "Production". A tilted speech bubble contains the text "Run your production". A circular portrait of a man with a beard and sunglasses is positioned to the right of the white rectangle.

- Perform
- Errors
- Usage



Demo: New owner for orphan PowerApps



4 steps to take control of Flow and PowerApps in your organization

- 0 – Find out where you are now
- 1 – Build vision
- 2 – Build environment policy
- 3 – Monitor
- 4 – React and Automate

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