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LIVE
MAY 2024
live.dynamicscon.com

Getting Started with Power Platform Governance and Administration

Wayne Walton

- Enterprise Architect with TTEC Digital
- Author of upcoming book *How to Deploy Dynamics Field Service*
- Worked with Dynamics since CRM 4.0
- One of the first people to learn the ill-fated Marketing Pilot after MS acquisition, and trained MS on it
- Part of one of the first CCD to Unified Service Desk upgrades

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Things to Know

- This is a 101-level session
  - New Administrators
  - New To Dynamics
  - Want a Foundational understanding of the platform
- If you have your own ALM, this is likely too basic for you

- Questions are very welcome!
  - Interactive sessions are more fun, so feel free to raise your hand and ask
  - You don't need to wait until the end of the presentation
  - I can hang out afterward for in-depth questions

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What are We Even Talking About?

- Administration
  - Setting up and managing Users
  - Licensing
  - Setting up and managing Environments
  - In-Environment configuration
  - Responding to User Requests
- Governance
  - Alignment of IT and Business goals
  - Security in Dynamics and Power Platform
  - Conditional Access
  - Data Loss Prevention
  - System Usage
  - Data Retention

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Administration

Where to Administer Power Platform

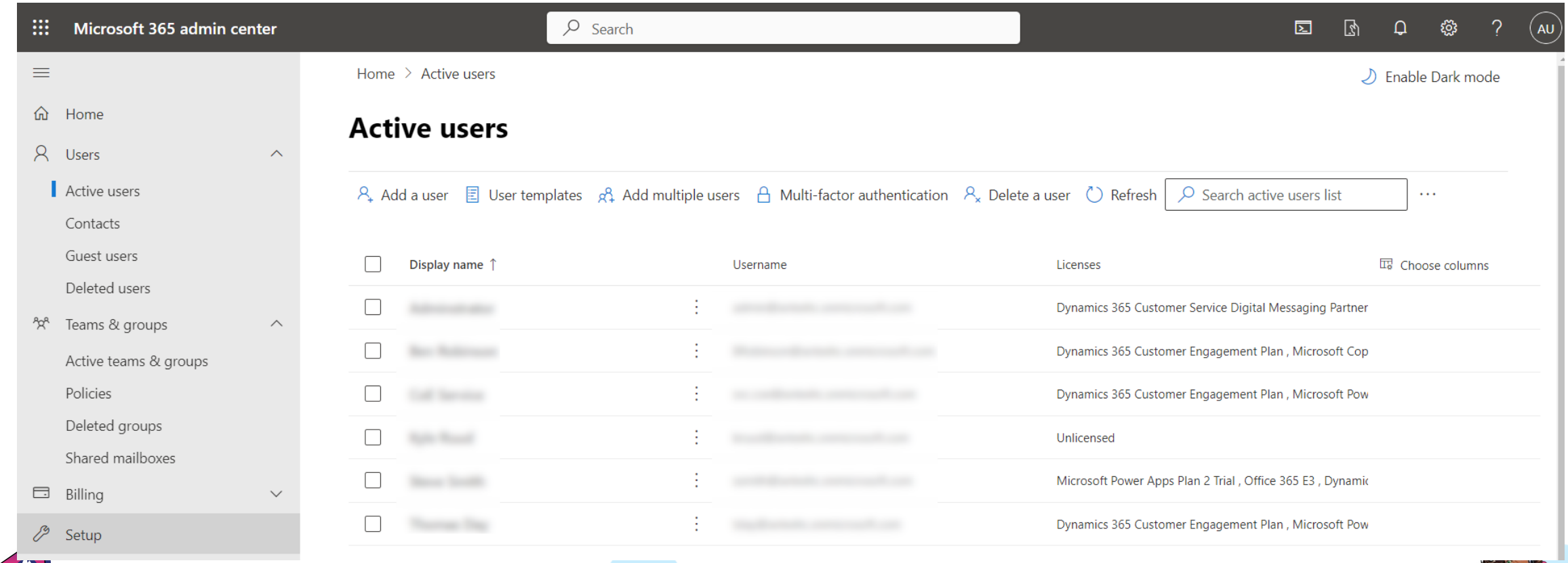
- Microsoft 365 Admin - https://admin.microsoft.com/
- Microsoft Entra (Formerly Active Directory) - https://entra.microsoft.com/
- Power Platform Admin - https://admin.powerplatform.microsoft.com/
- PowerApps - https://make.powerapps.com/
- Microsoft Cloud Solution Center - https://solutions.microsoft.com/
- Release Planner - https://releaseplans.microsoft.com/

Microsoft 365 Security Hierarchy

- Microsoft 365 Admin (AKA Tenant Admin)
  - Power Platform Admin (Environment Admin)
    - PowerApps Admin (Dynamics System Administrator)

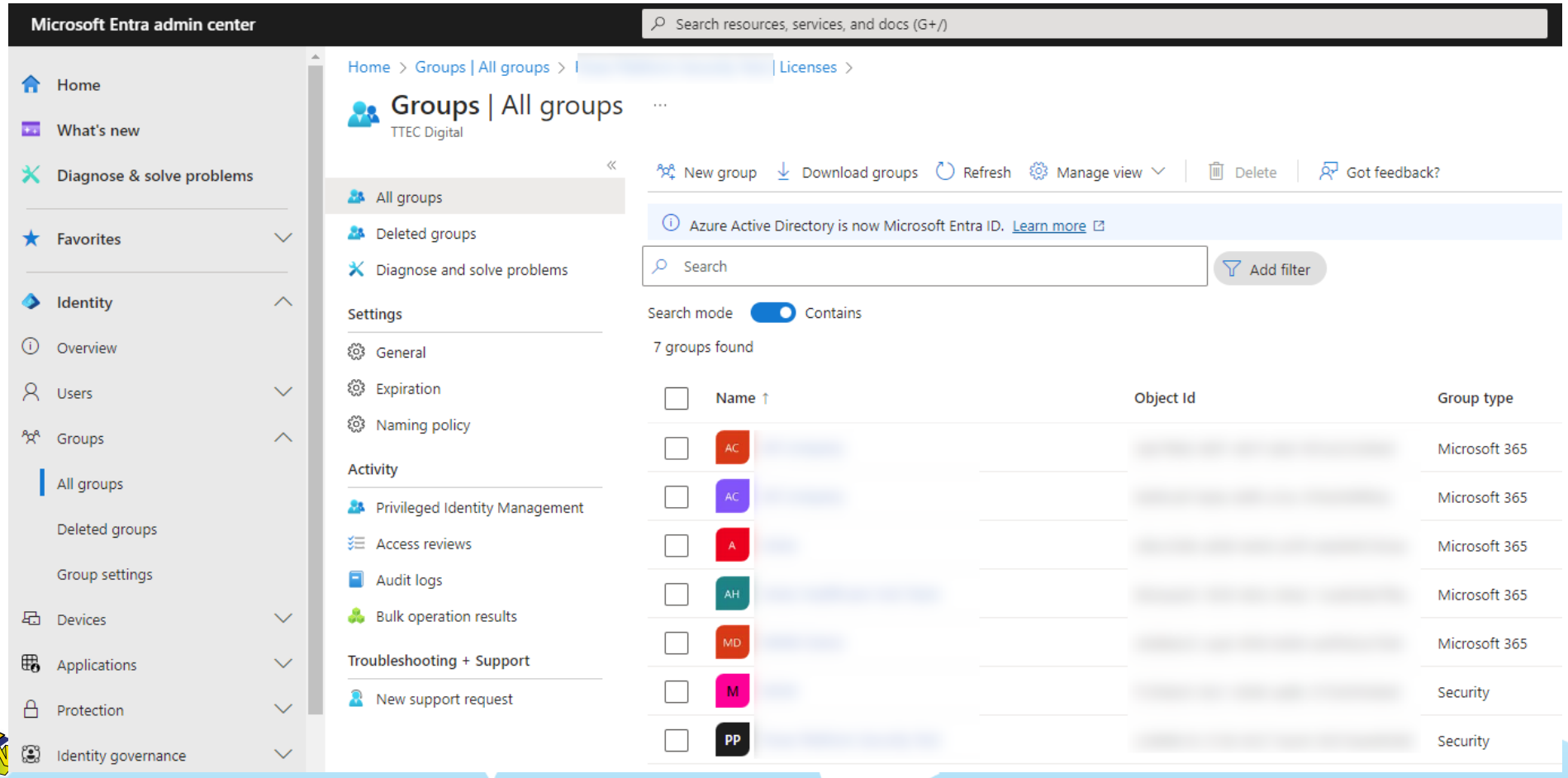
Microsoft 365 Admin

Users, Groups, Licenses, Tenants



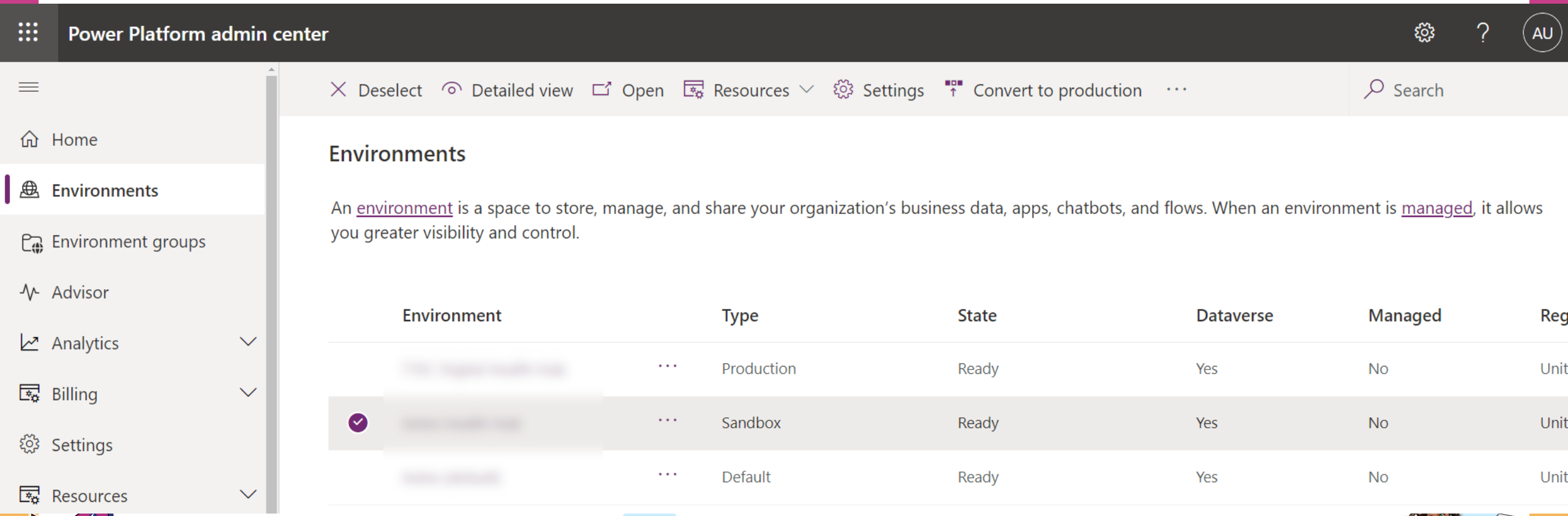
Microsoft Entra (formerly AD)

Advanced Group Management



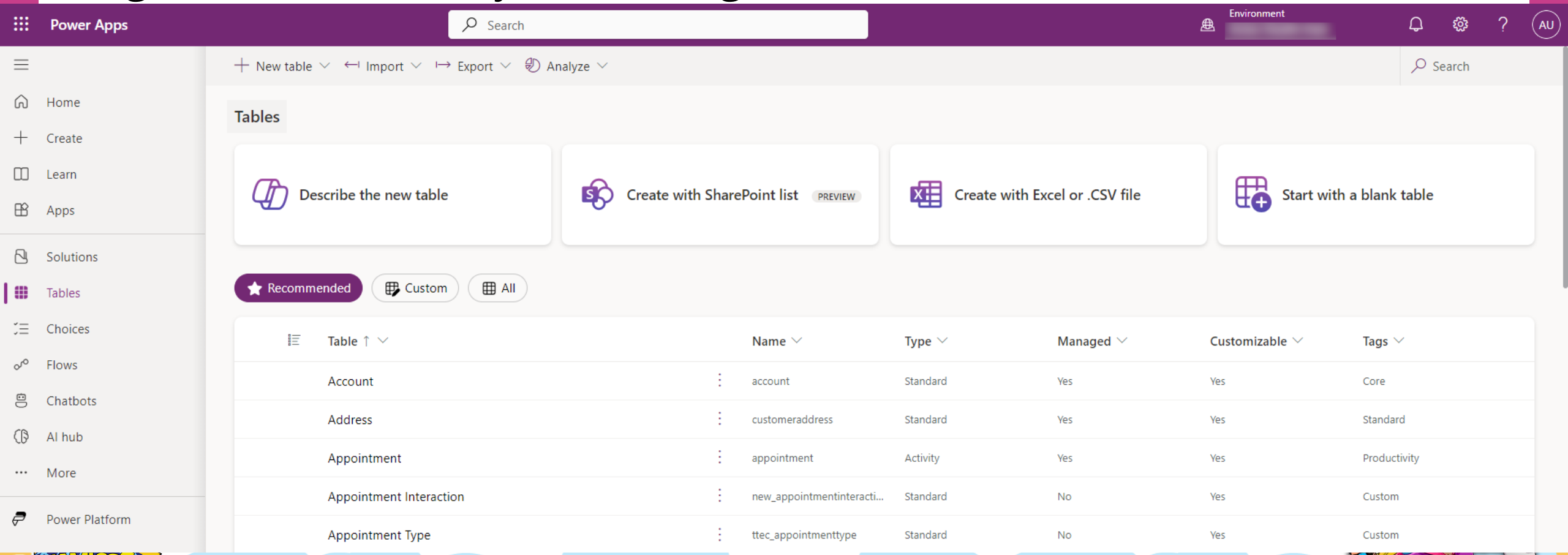
Power Platform Admin

Environments, Security Roles, System Settings, Capacity



Power Apps

Single Environment System Design, Tables, Solutions, Automate



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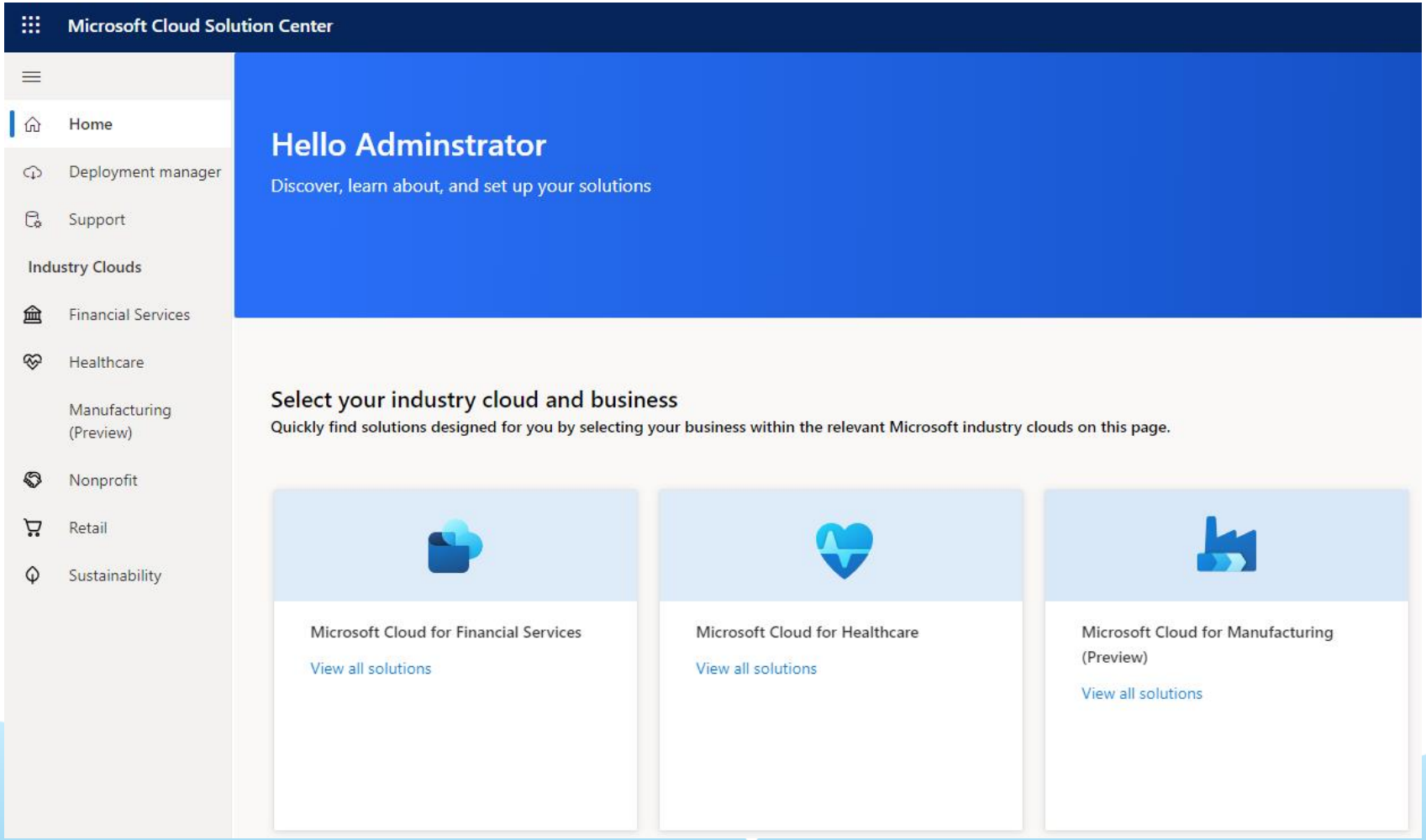
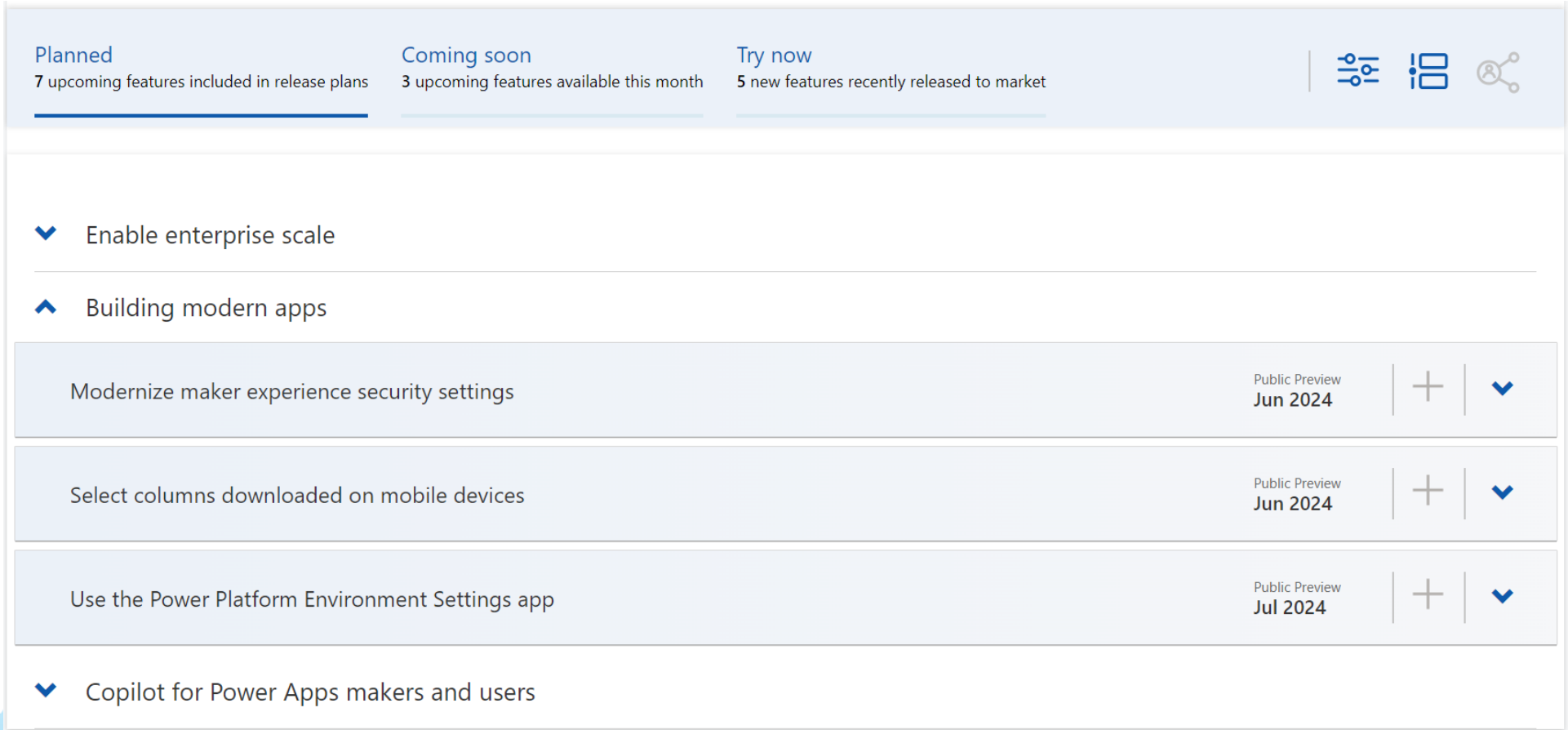
Microsoft Cloud Solution Center

Specialized Solutions for certain organizations



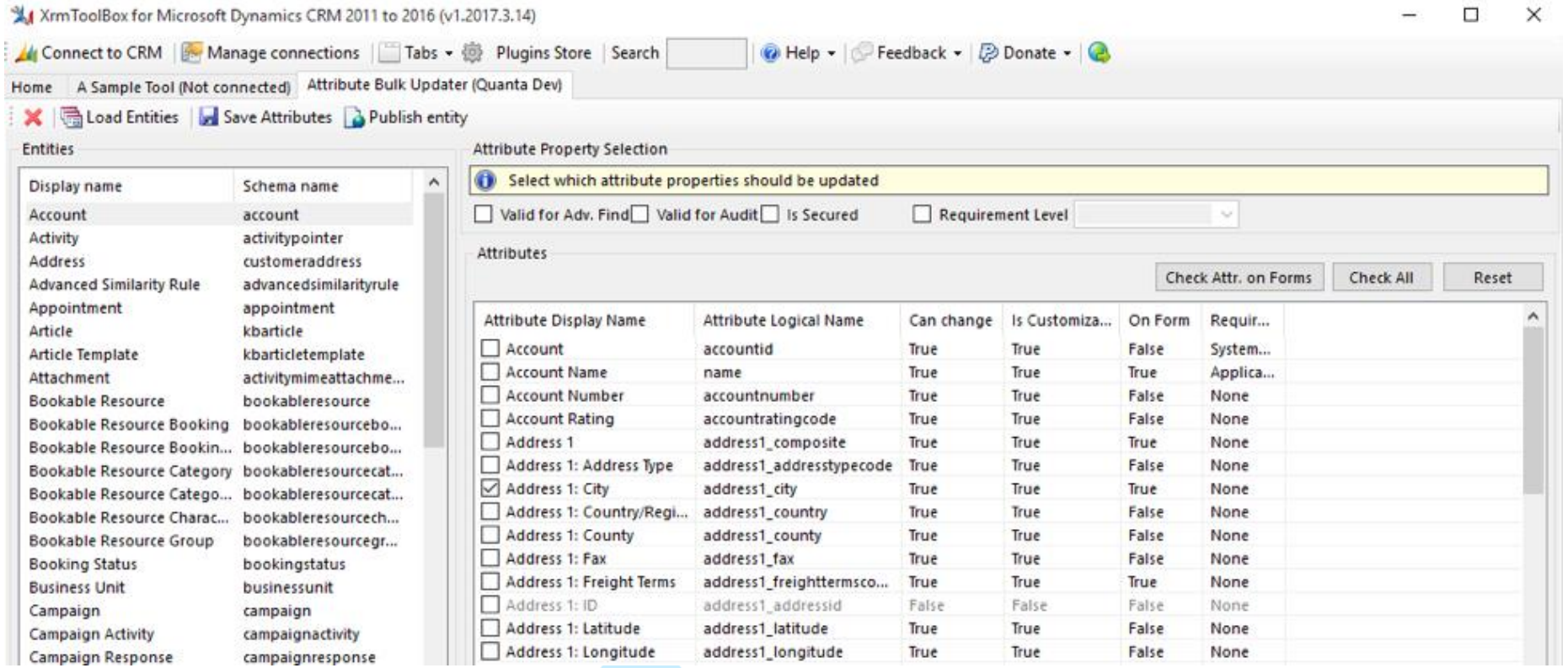
Microsoft Release Planner

Track future updates from Microsoft for your products



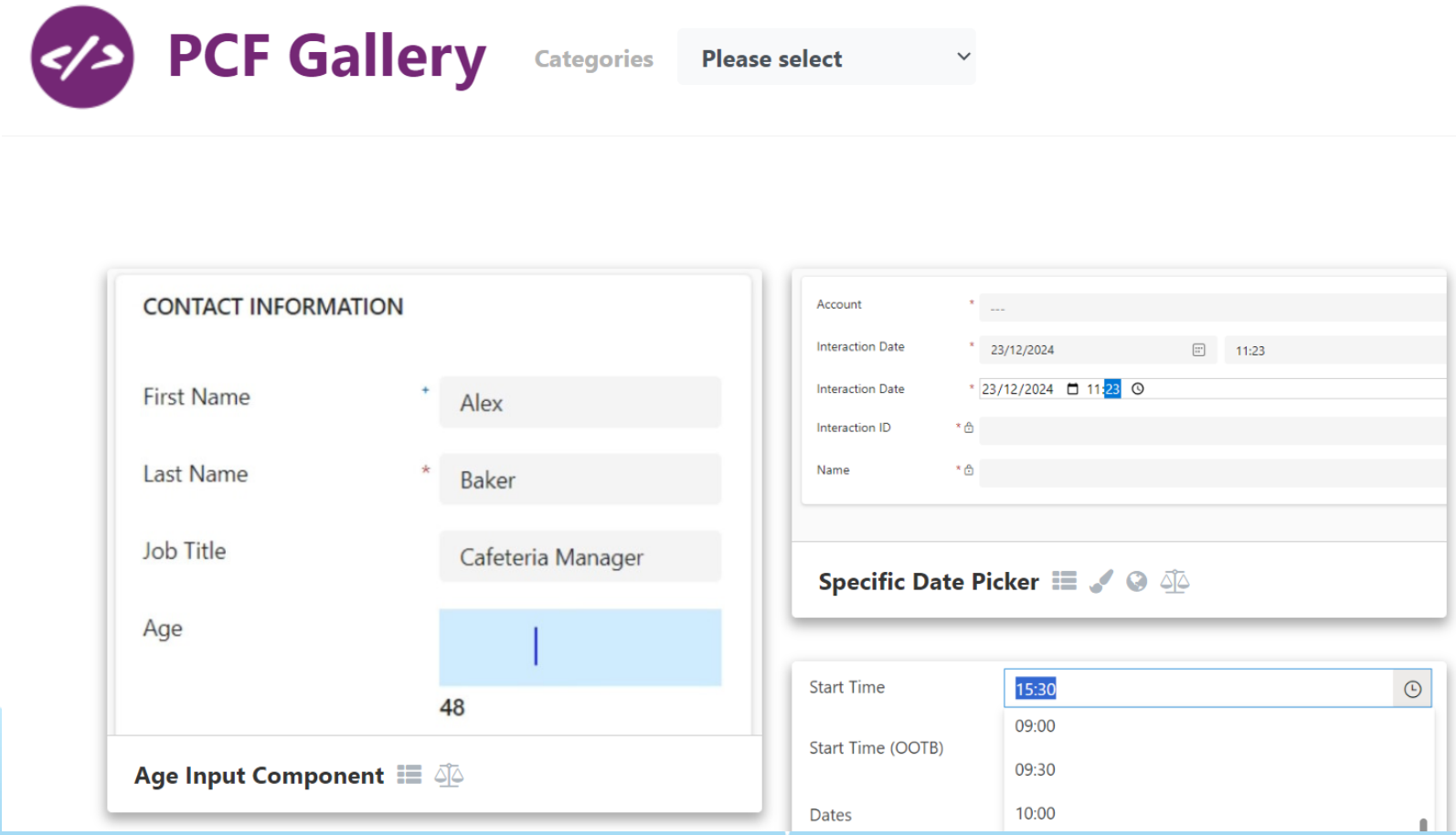
3rd Part Tool - XRMToolBox

- URL- https://www.xrmtoolbox.com/



3rd Part Tool – PCF Gallery

- URL- https://pcf.gallery



Governance

What is Governance Again?

- How IT helps Business align to its needs
- As much design philosophy as rules
- In Power Platform, this is means securing data and enabling use
- Bookmark this Page! https://learn.microsoft.com/en-us/power-platform/admin/security

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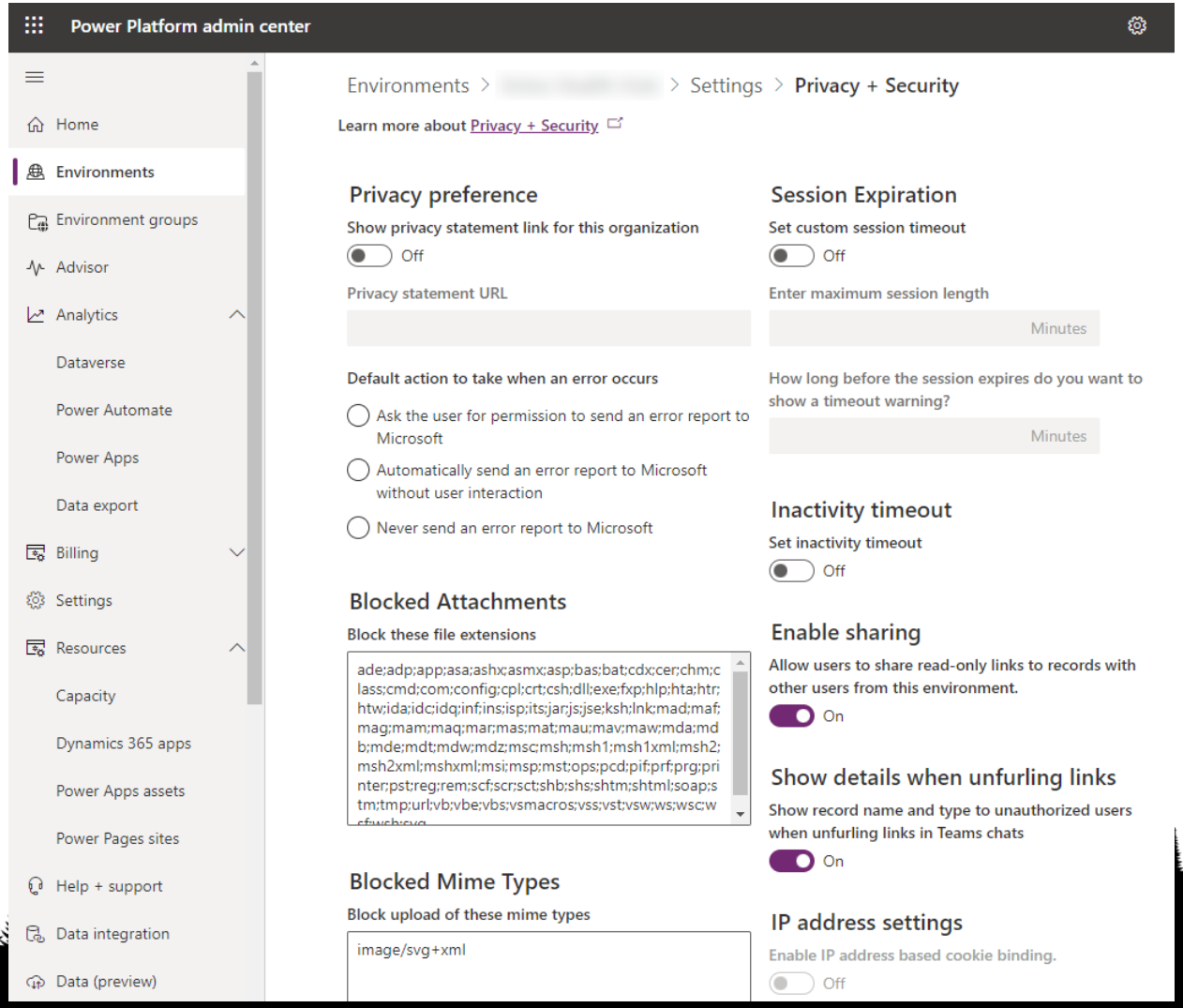
General Environment Security

The basic settings for all Power Platform environments



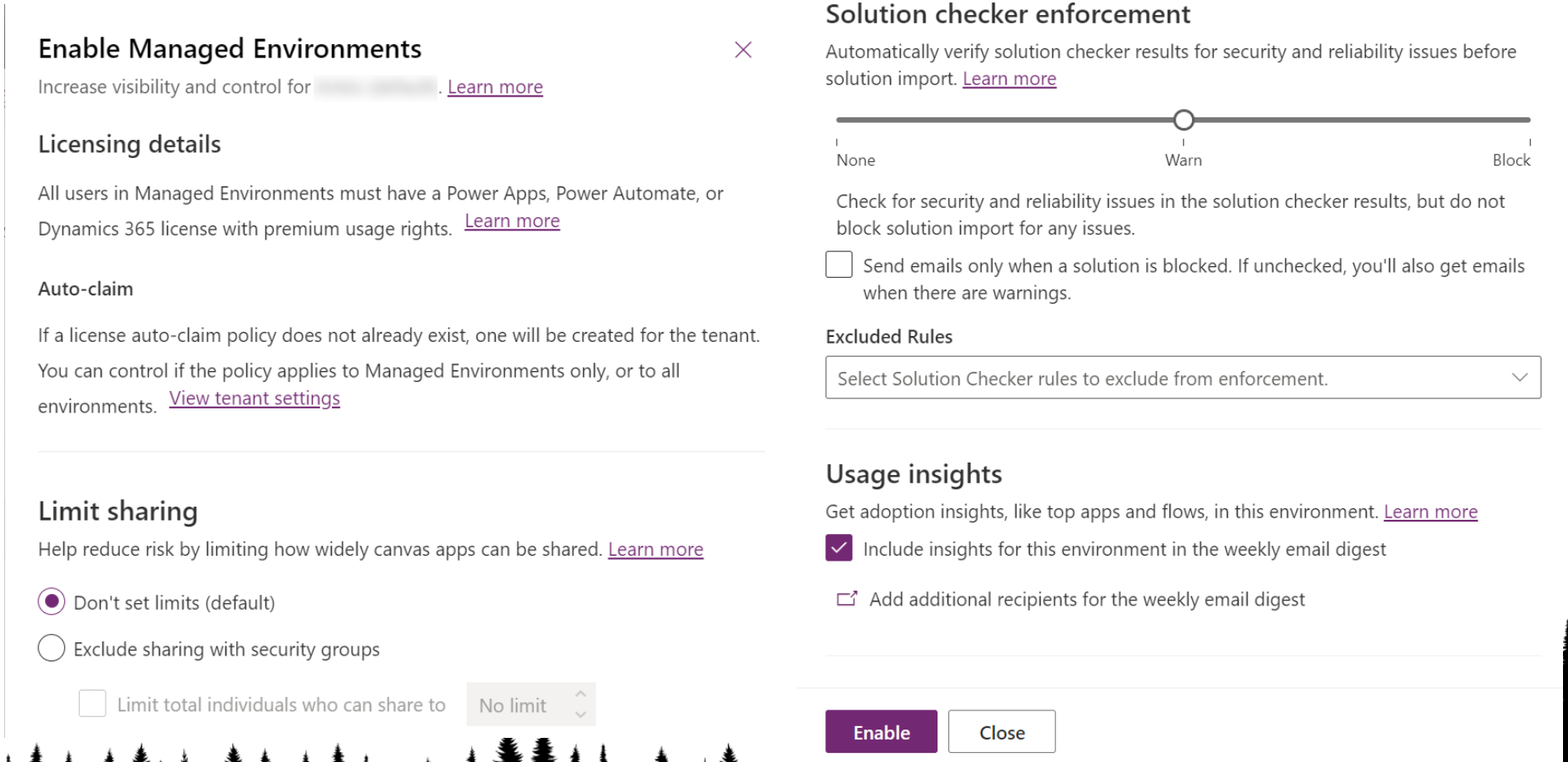
Managed Environments

A growing suite of native governance tools in Power Platform

- Environment groups (Preview)
- Limit sharing
- Weekly usage insights
- Data policies
- Pipelines in Power Platform
- Maker welcome content
- Solution checker
- IP Firewall
- IP cookie binding
- Customer Managed Key (CMK)
- Lockbox
- Extended backup
- DLP for desktop flow
- Export data to Azure Application Insights
- Catalog in Power Platform
- Default environment routing
- Create an app description with Copilot

Managed Environments

A newer suite of native governance tools in Power Platform



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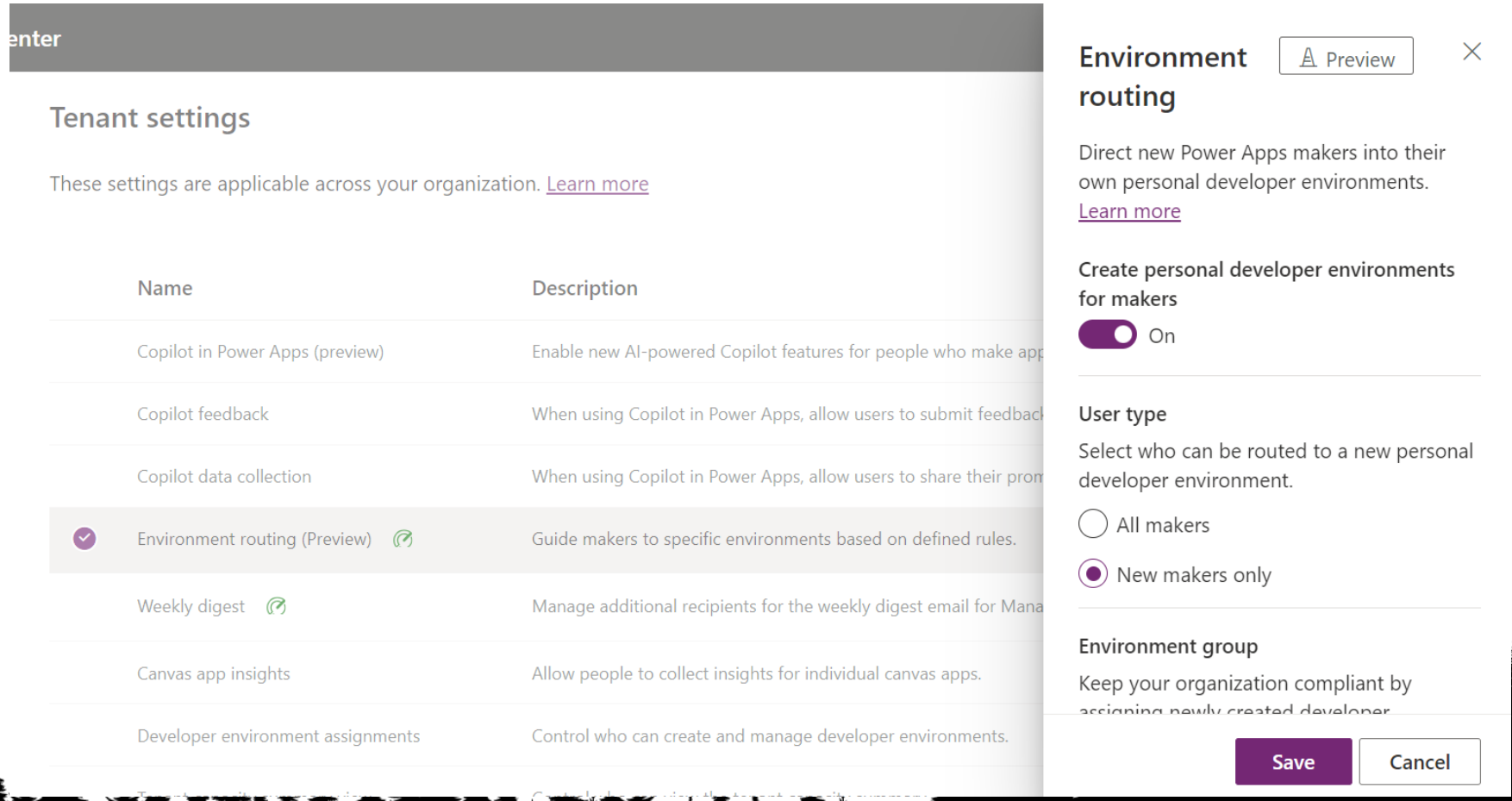
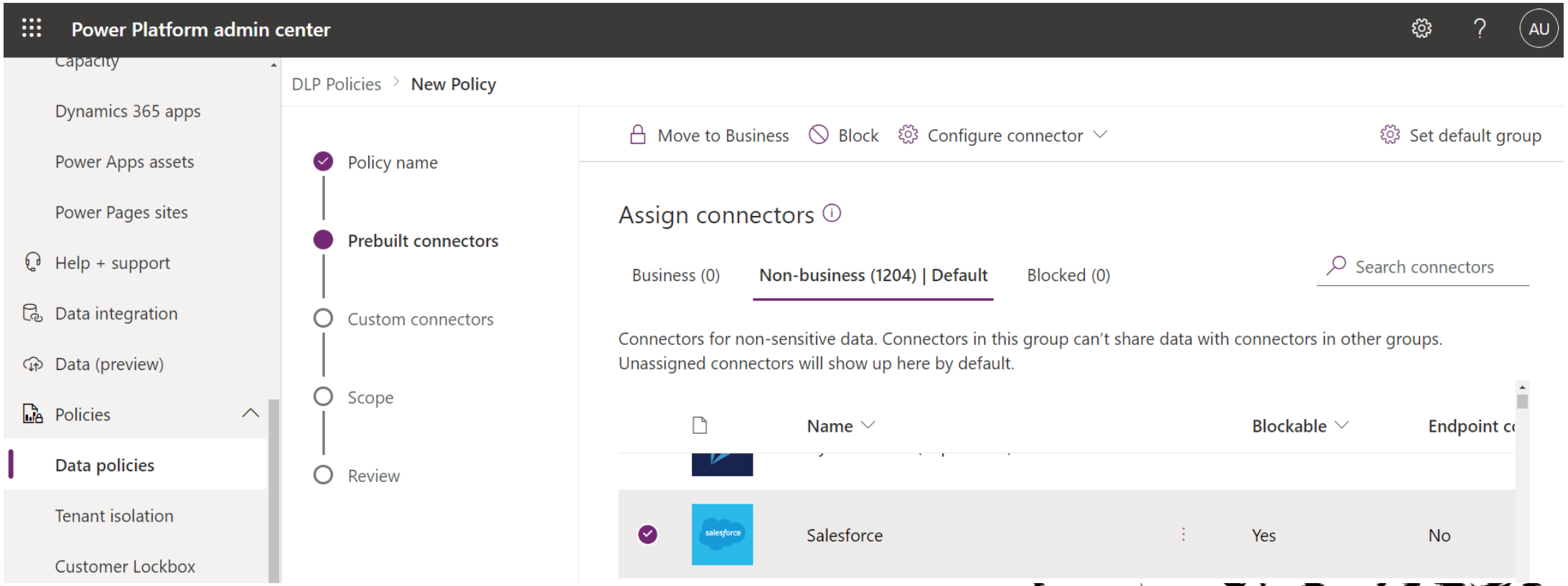
Environment Routing

Give makers their own dedicated dev environment automatically



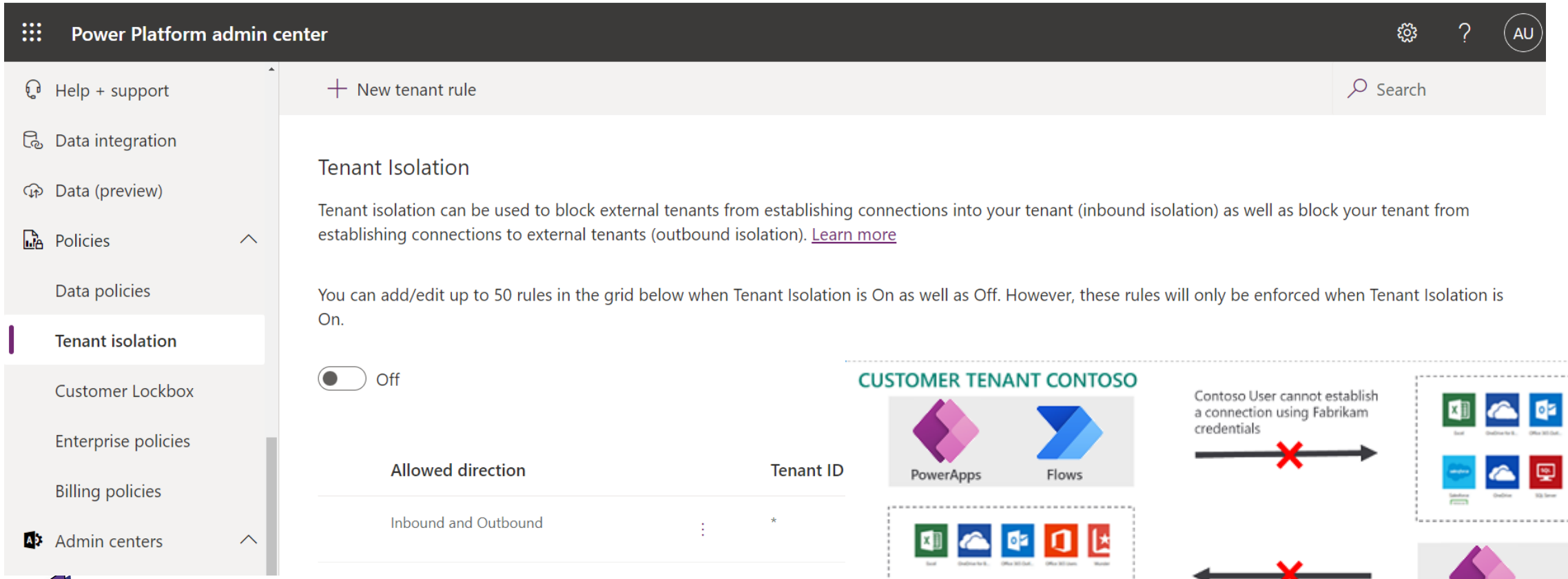
Data Loss Prevention Policies

Secure data connectors, ban certain connections



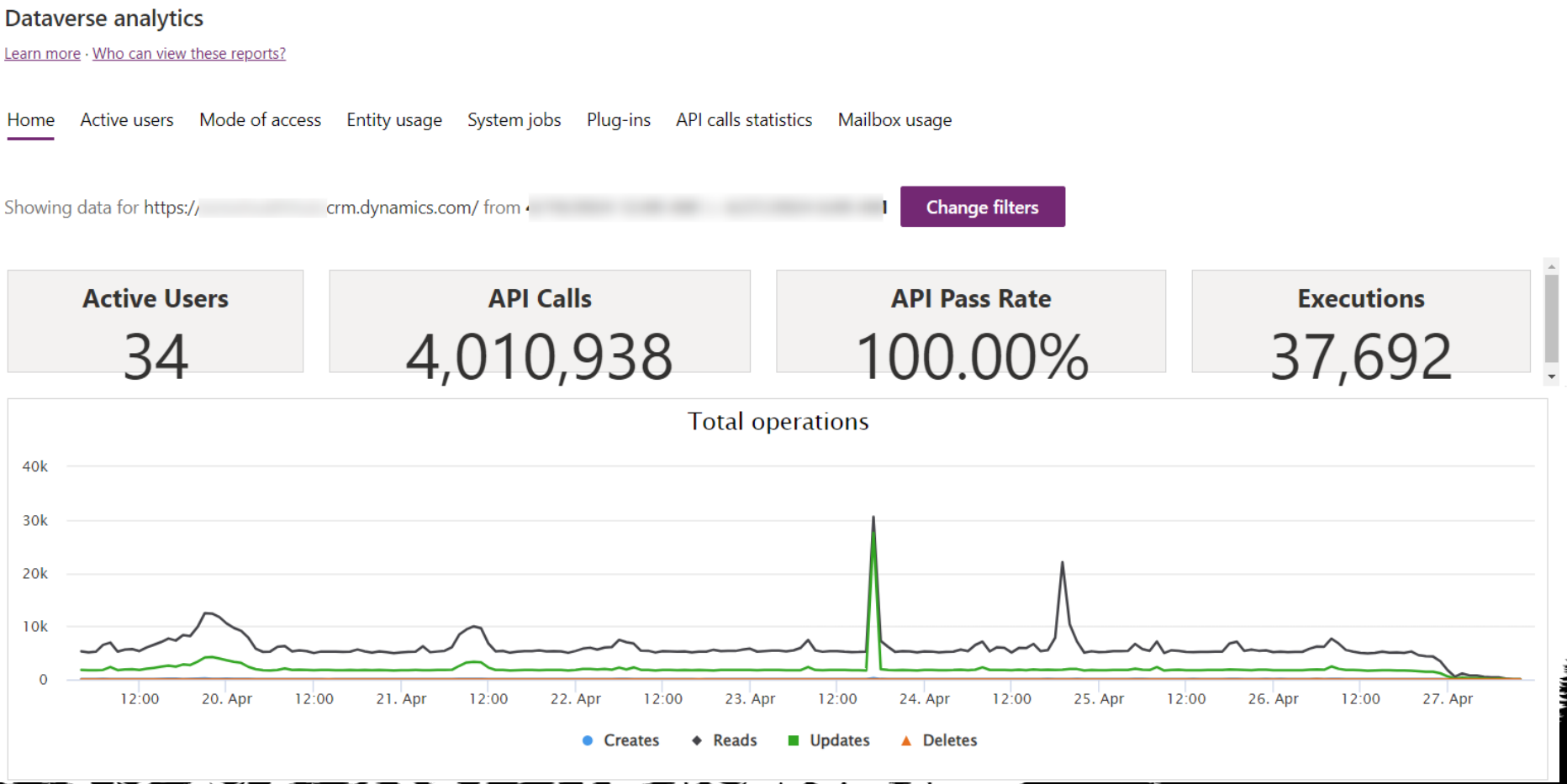
Tenant Isolation

Prevent external tenants from connecting to secured data



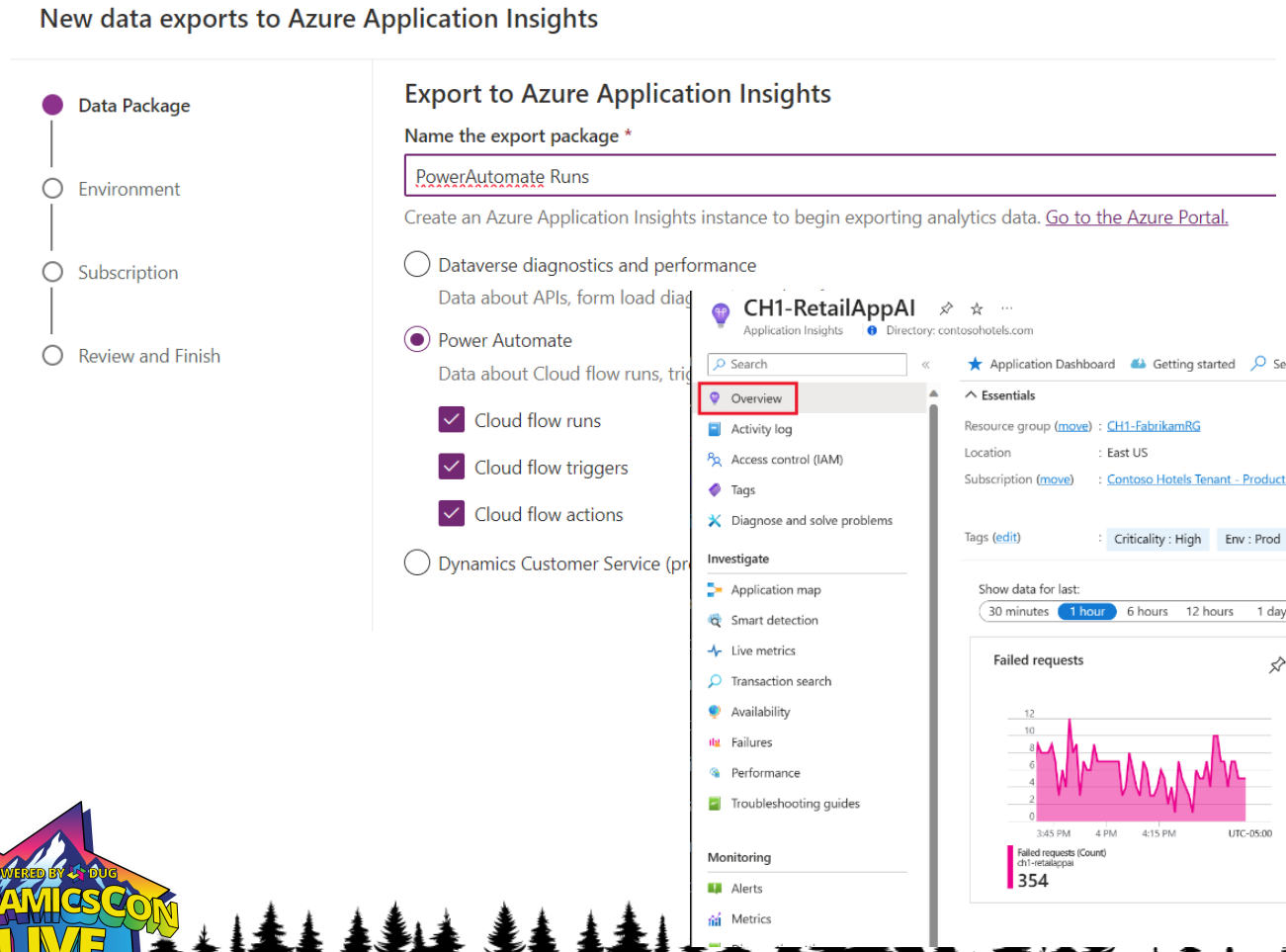
Power Platform Analytics

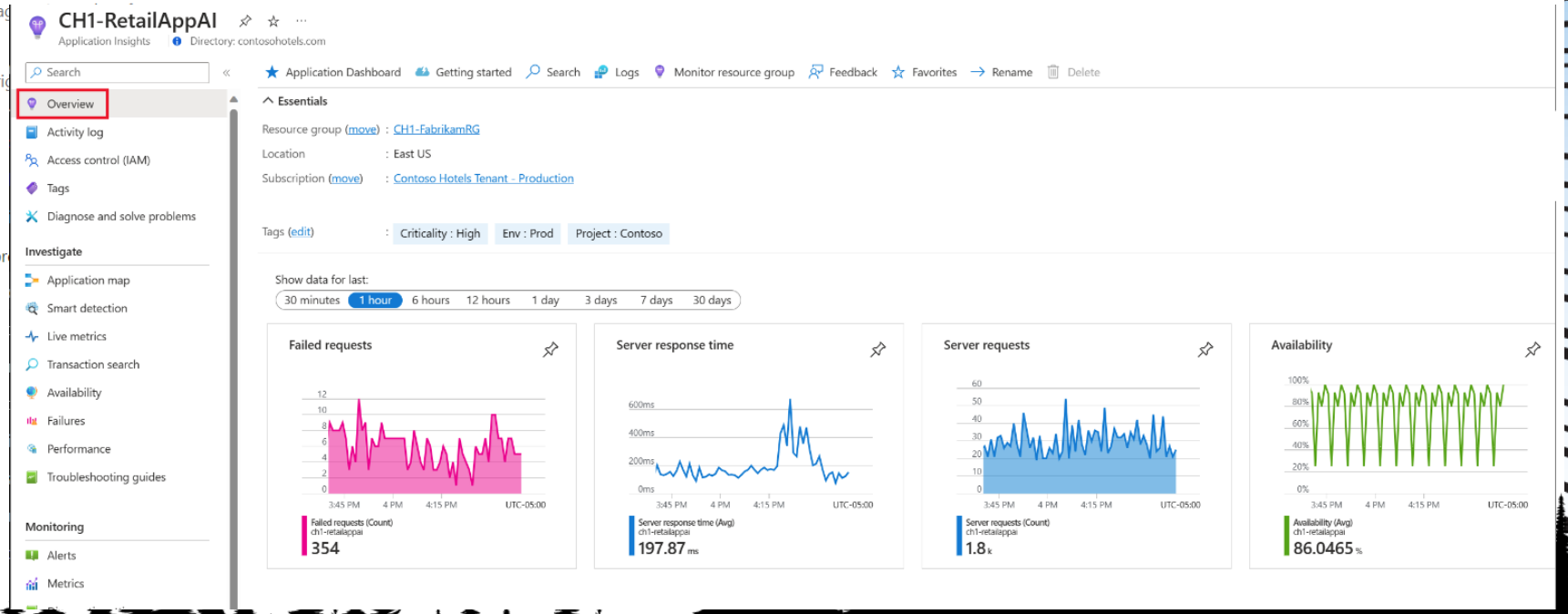
Get insight into usage



Application Insights with Data Export

Azure enhanced reporting





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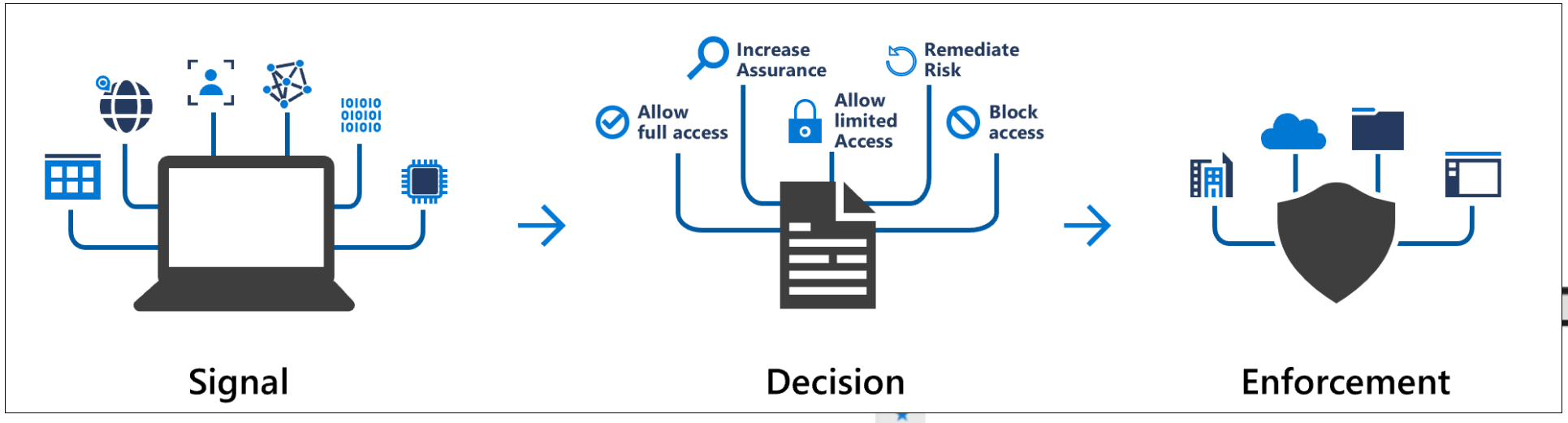
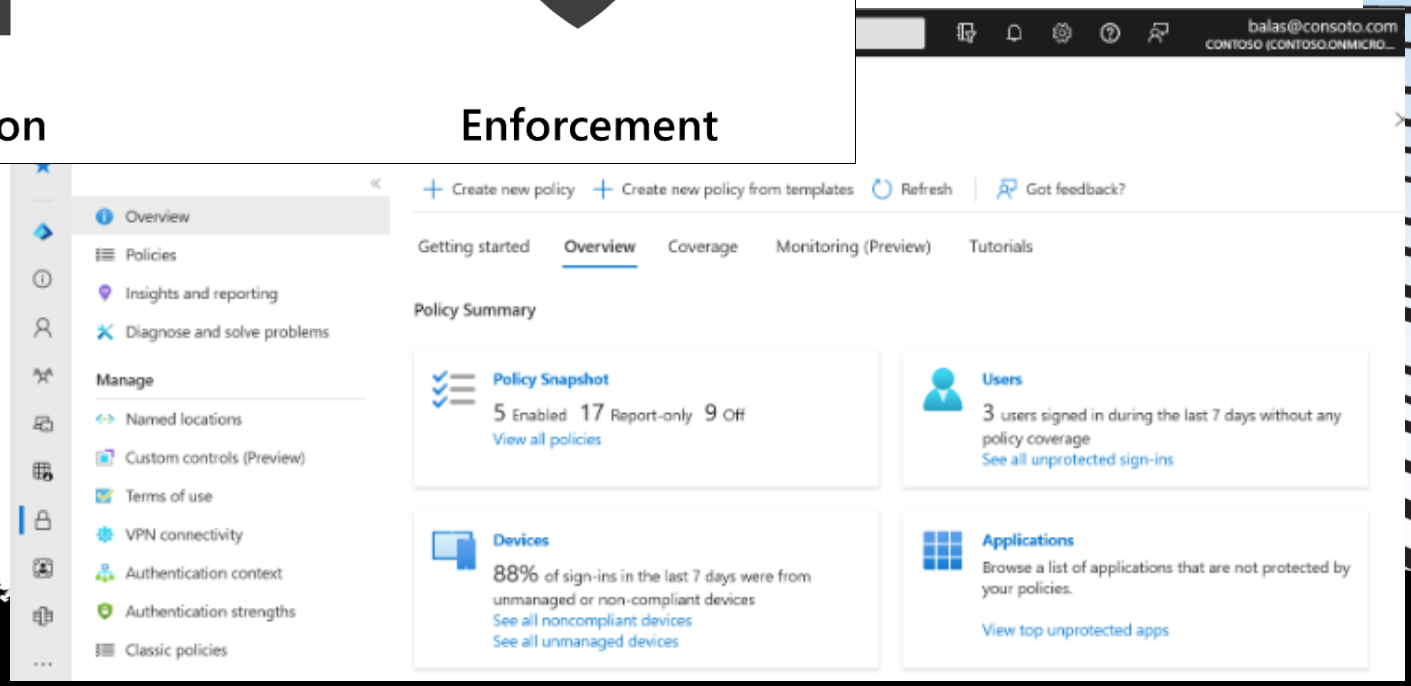
Conditional Access with Entra

Premium option for fine-grained control over how users access apps





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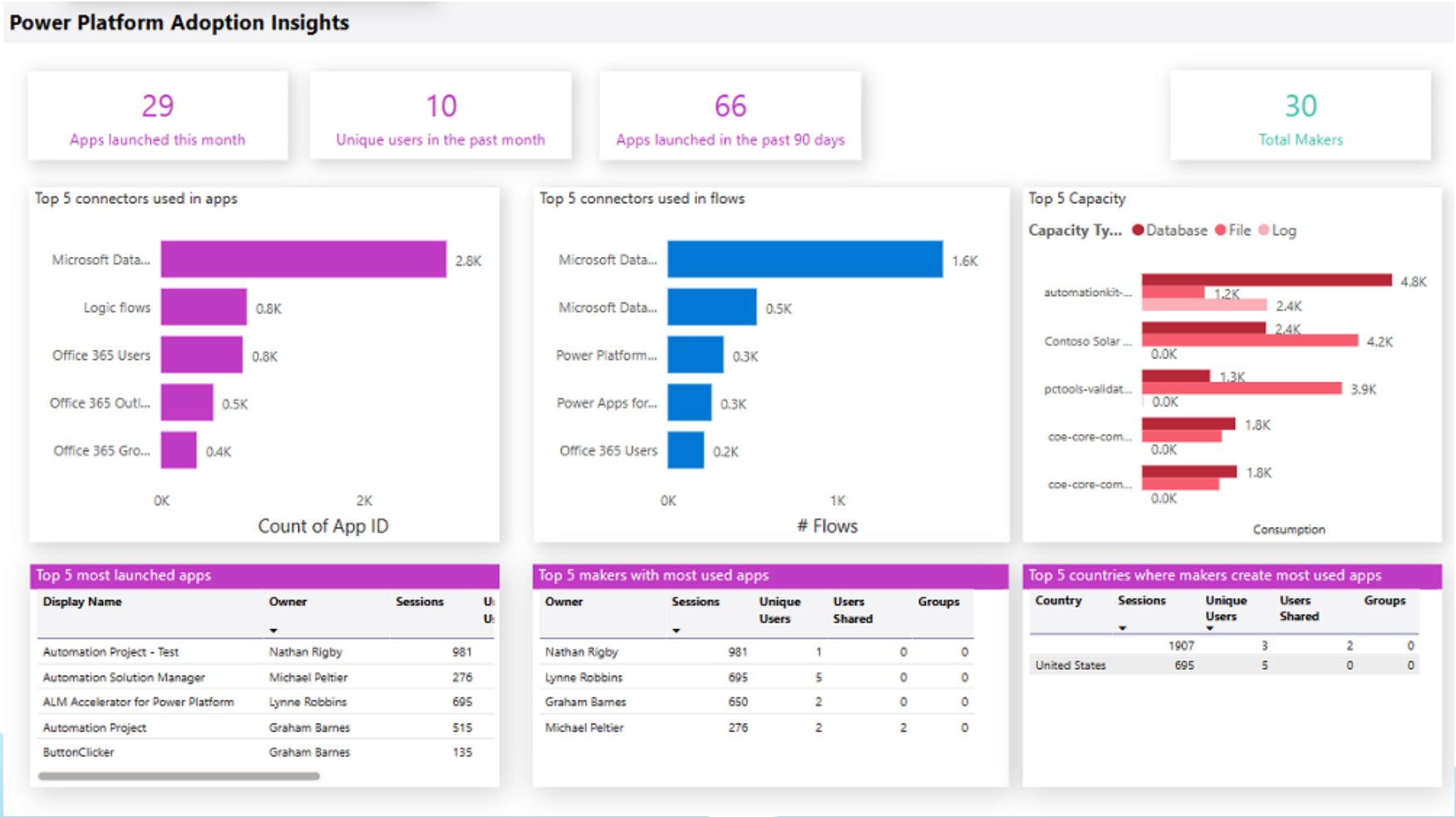
What Comes Next?

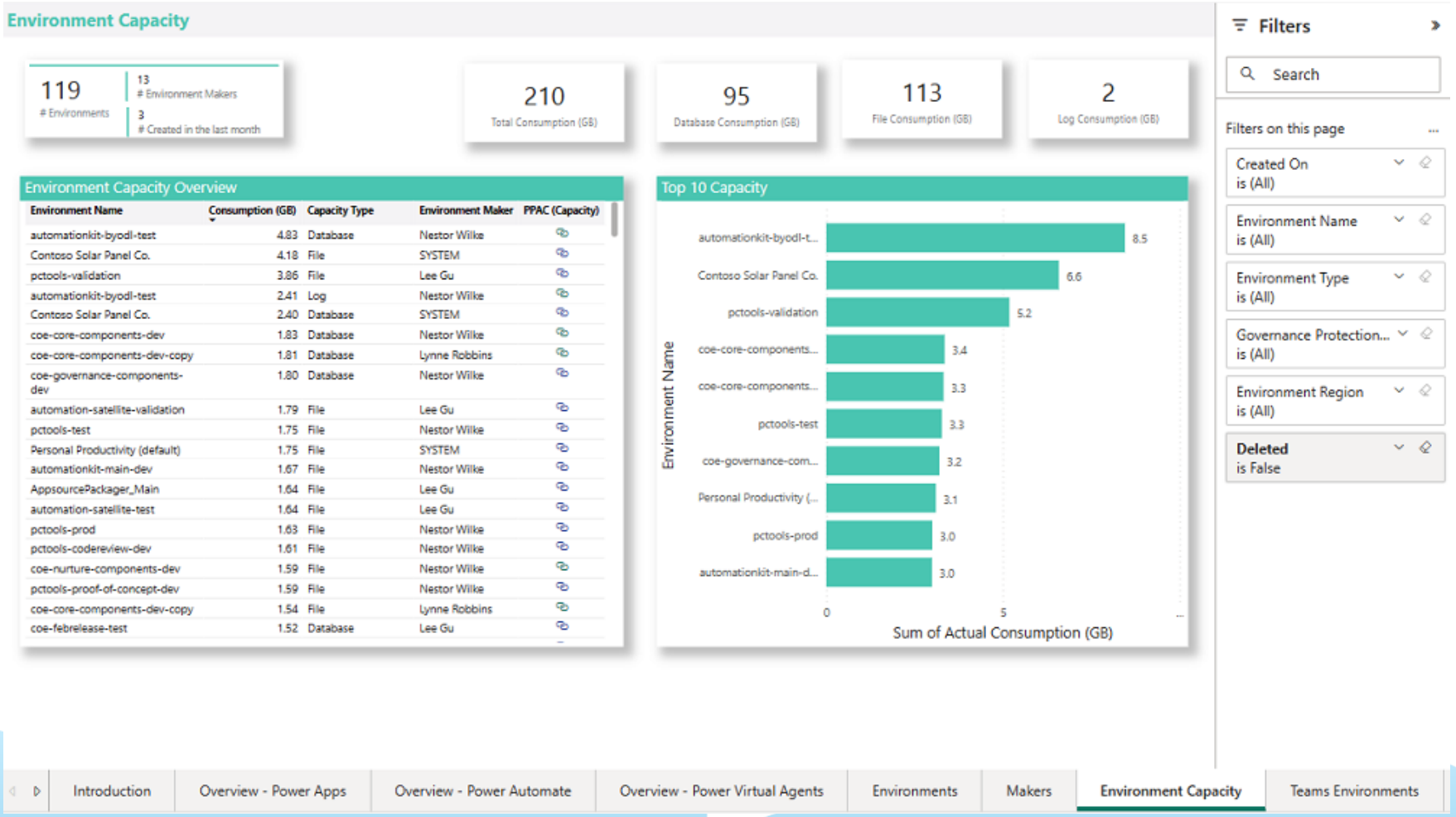
Power Platform Center of Excellence

- Advanced Governance and Application Lifecycle Management
- More of a toolkit to build on than something to just turn on
- Includes modules for governance, nurturing use, admin planning, communication templates, ALM, backlogs
- Bookmark this page: https://learn.microsoft.com/en-us/power-platform/guidance/coe/starter-kit

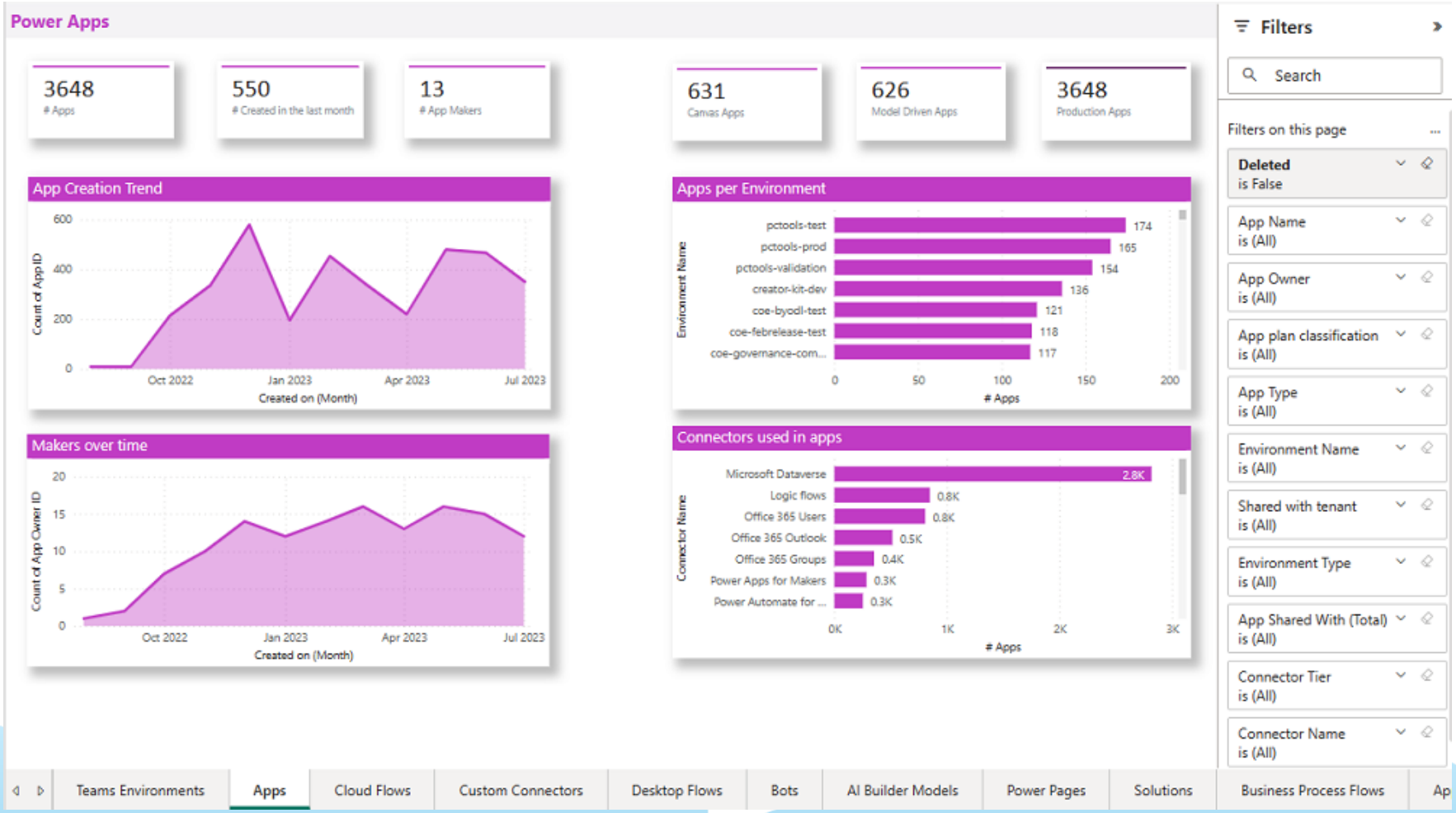
Power Platform Adoption



Environment Capacity



Power Apps


Power Apps
3648
Apps
550
Created in the last month
13
App Makers
631
Canvas Apps
626
Model Driven Apps
3648
Production Apps
App Creation Trend
Count of App ID
600
400
200
0
Oct 2022
Jan 2023
Apr 2023
Jul 2023
Created on (Month)
Apps per Environment
Environment Name
pctools-test 174
pctools-prod 165
pctools-validation 154
creator-kit-dev 136
coe-byodl-test 121
coe-febrelease-test 118
coe-governance-com... 117
0
50
100
150
200
Apps
Makers over time
Count of App Owner ID
20
15
10
5
0
Oct 2022
Jan 2023
Apr 2023
Jul 2023
Created on (Month)
Connectors used in apps
Connector Name
Microsoft Dataverse 2.8K
Logic flows 0.8K
Office 365 Users 0.8K
Office 365 Outlook 0.5K
Office 365 Groups 0.4K
Power Apps for Makers 0.3K
Power Automate for ... 0.3K
0K
1K
2K
3K
Apps
Filters
Search
Filters on this page
Deleted is False
App Name is (All)
App Owner is (All)
App plan classification is (All)
App Type is (All)
Environment Name is (All)
Shared with tenant is (All)
Environment Type is (All)
App Shared With (Total) is (All)
Connector Tier is (All)
Connector Name is (All)
Teams Environments
Apps
Cloud Flows
Custom Connectors
Desktop Flows
Bots
AI Builder Models
Power Pages
Solutions
Business Process Flows

Page of Links

- User Access Management: https://learn.microsoft.com/en-us/power-platform/admin/control-user-access
- Group-based Licensing - https://learn.microsoft.com/en-us/entra/fundamentals/concept-group-based-licensing
- Managed Environments - https://learn.microsoft.com/en-us/power-platform/admin/managed-environment-overview
- App Insights for Power Platform - https://learn.microsoft.com/en-us/power-platform/admin/set-up-export-application-insights
- Security and Governance Considerations - https://learn.microsoft.com/en-us/power-platform/admin/governance-considerations
- Create and Manage Data Loss Prevention Policies - https://learn.microsoft.com/en-us/power-platform/admin/prevent-data-loss
- Content Security Policy - https://learn.microsoft.com/en-us/power-platform/admin/content-security-policy
- PowerShell for Power Apps (Includes DLP commands) - https://learn.microsoft.com/en-us/power-platform/admin/powerapps-powershell
- CoE Starter Kit Github - https://github.com/microsoft/coe-starter-kit
- Set up the CoE Starter Kit - https://learn.microsoft.com/en-us/power-platform/guidance/coe/setup
- Environment and Capacity Planning - https://learn.microsoft.com/en-us/power-platform/guidance/coe/capacity-alerting

Thanks for Listening!

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