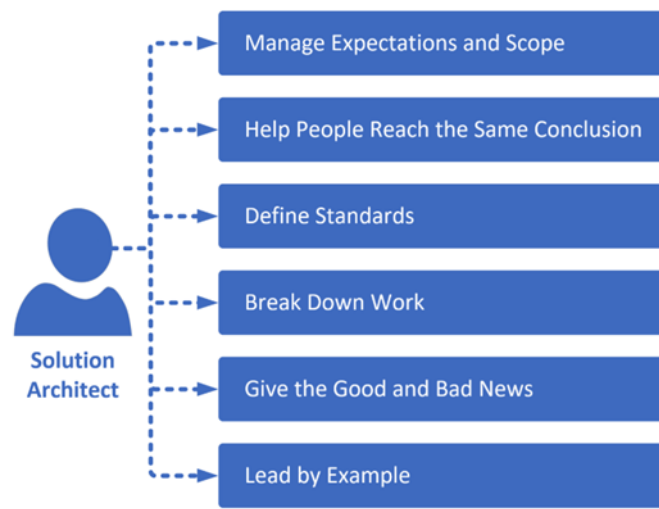
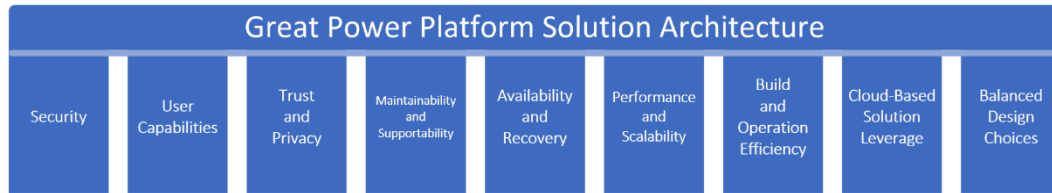
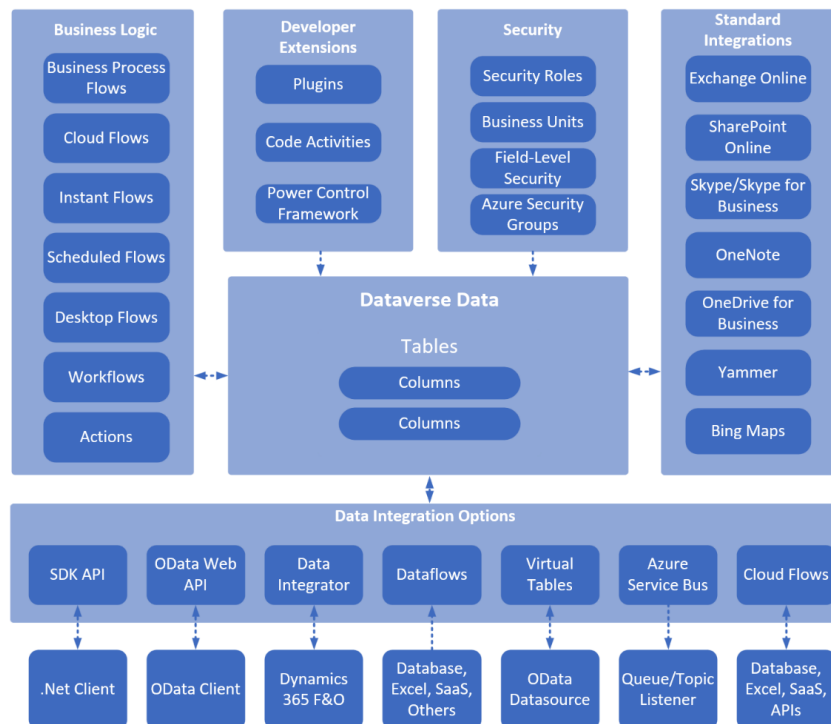


Chapter 1: Introducing Power Platform Solution Architecture

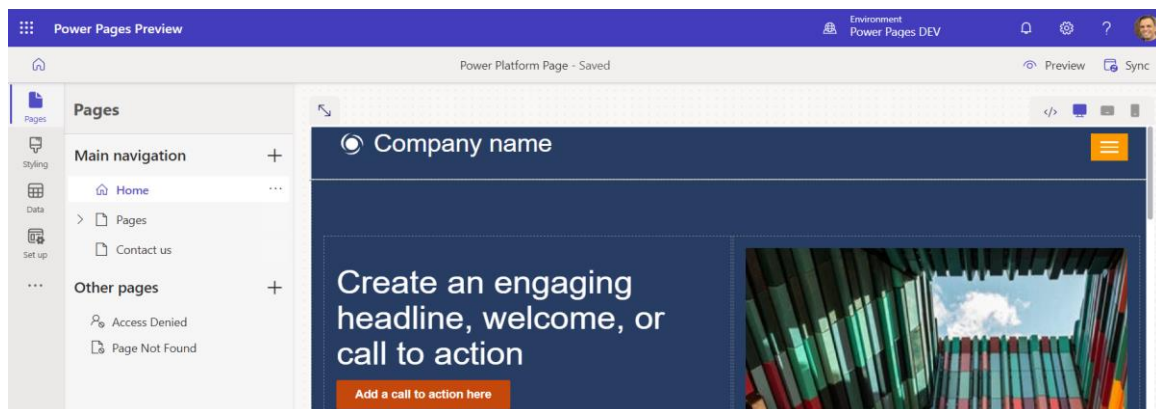
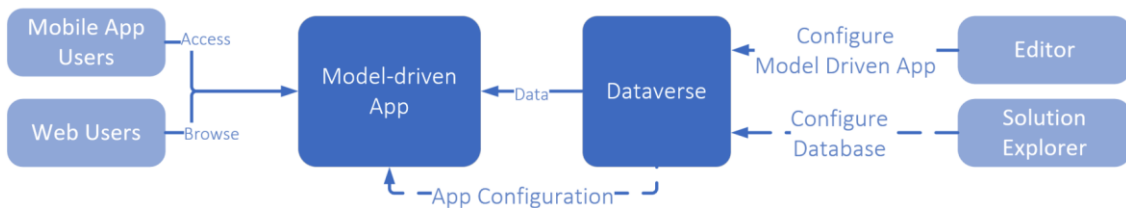


Power Platform Dataverse
Architecture Overview

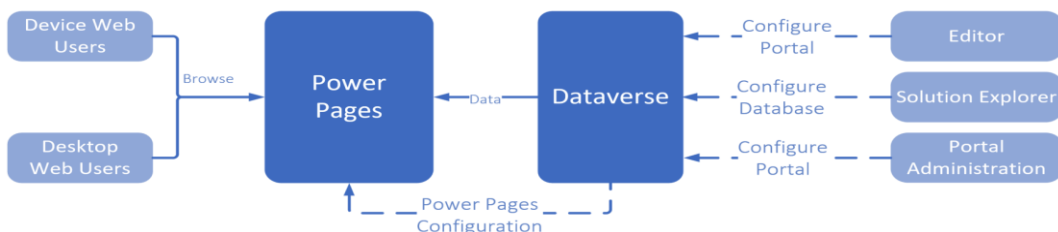


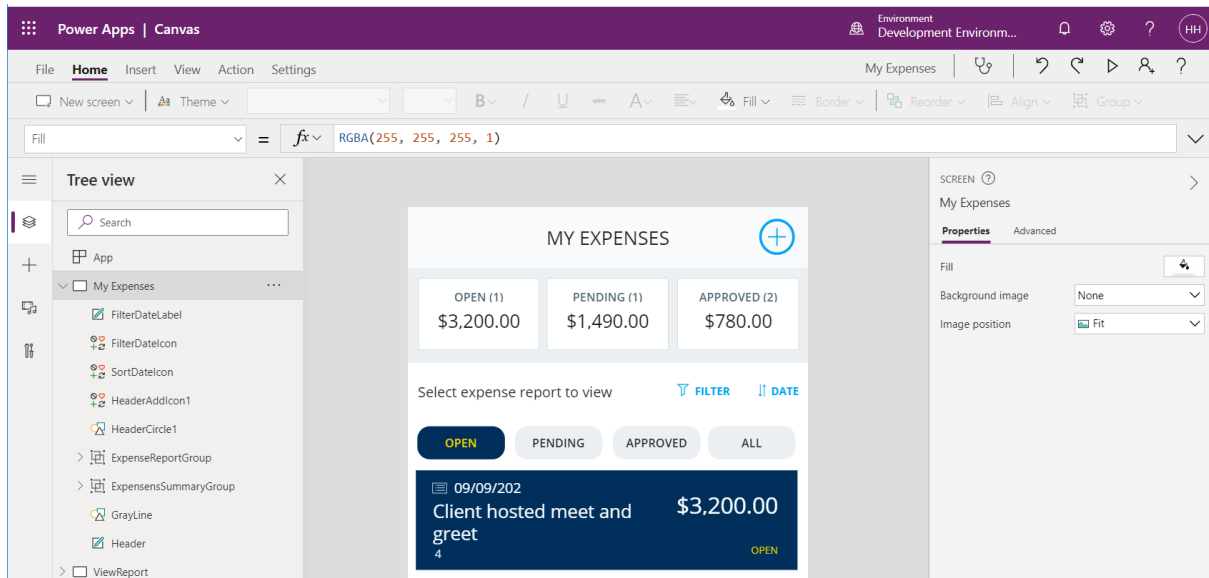
Power Apps				
Search				
Environment: Test Environment				
My apps Search				
<div> <div> <div>Home</div> <div>Learn</div> <div>Apps</div> <div>Create</div> <div>Data</div> <div>Flows</div> <div>Chatbots</div> <div>AI Builder</div> <div>Solutions</div> </div> <div> <div>New app</div> <div>Import canvas app</div> <div>All apps</div> </div> </div>				
<div> <div>Apps</div> <div>Component libraries (preview)</div> </div>				
	Name	Modified	Owner	Type
	My Expenses	14 sec ago	Hugo Herrera	Canvas
	Customer Service Hub	1 wk ago	SYSTEM	Model-driven
	Omnichannel for Customer Service	4 mo ago	Hugo Herrera	Model-driven
	Omnichannel admin center	4 mo ago	SYSTEM	Model-driven
	Customer Service workspace	4 mo ago	SYSTEM	Model-driven
	Omnichannel Administration	8 mo ago	Hugo Herrera	Model-driven
	Channel Integration Framework	8 mo ago	Hugo Herrera	Model-driven
	Solution Health Hub	1 yr ago	SYSTEM	Model-driven
	Power Apps Portal	1 yr ago	Hugo Herrera	Portal
	Sales Team Member	1 yr ago	SYSTEM	Model-driven
	Dynamics 365 Portals	1 yr ago	Hugo Herrera	Model-driven
	Resource Scheduling	1 yr ago	Hugo Herrera	Model-driven
	Dynamics 365 App for Outlook	1 yr ago	SYSTEM	Model-driven

Model Driven Apps Architecture Overview

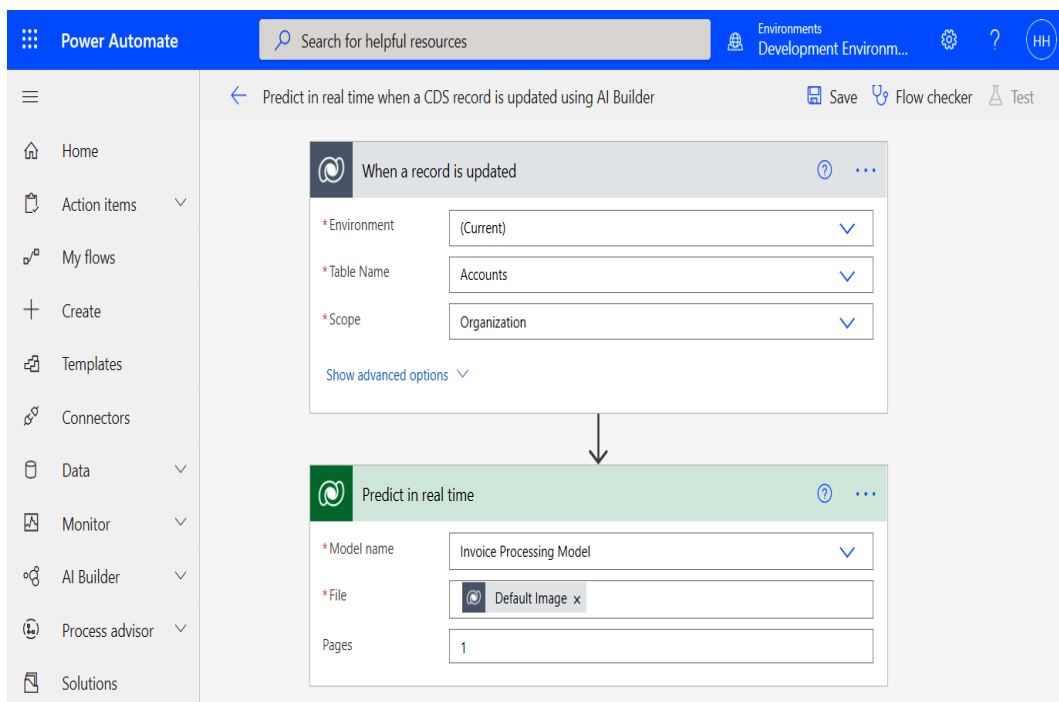
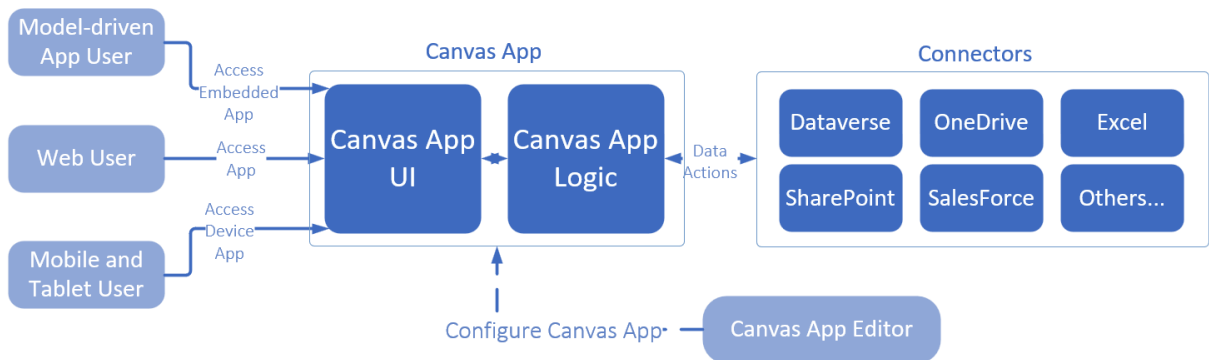


Power Pages Architecture Overview











Canvas Apps Architecture Overview





Triggers Actions


-  When a flow step is run from a business process flow **PREMIUM**
Microsoft Dataverse
-  When a row is added, modified or deleted **PREMIUM**
Microsoft Dataverse
-  When an action is performed (preview) **PREMIUM**
Microsoft Dataverse


 Microsoft Dataverse  AI Builder  Microsoft Dataverse...


Triggers **Actions** See more


 Delete a row **PREMIUM**
Microsoft Dataverse

 Get a row by ID **PREMIUM**
Microsoft Dataverse

 Relate rows **PREMIUM**
Microsoft Dataverse

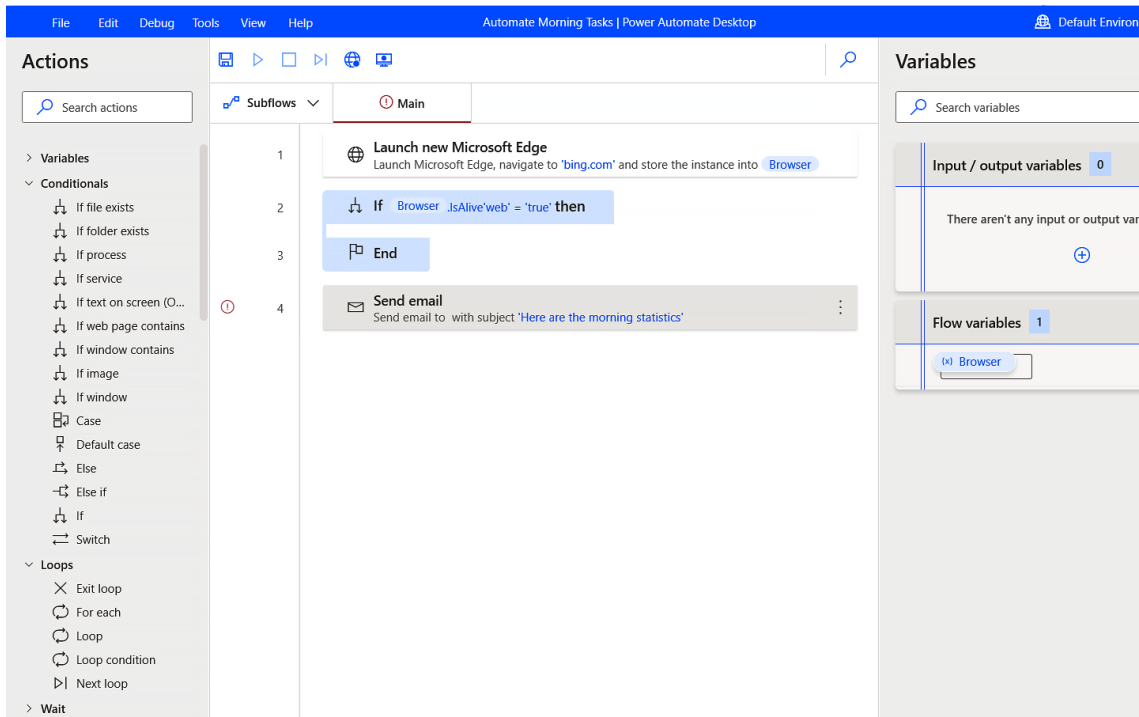
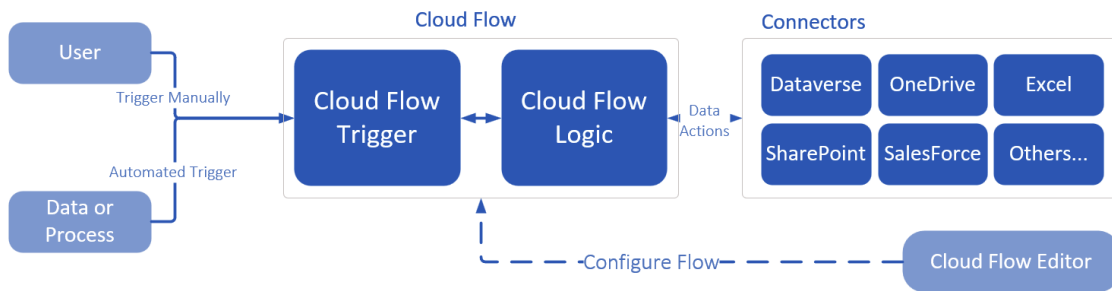
 Update a row **PREMIUM**
Microsoft Dataverse

 Download a file or an image **PREMIUM**
Microsoft Dataverse

 List rows **PREMIUM**
Microsoft Dataverse

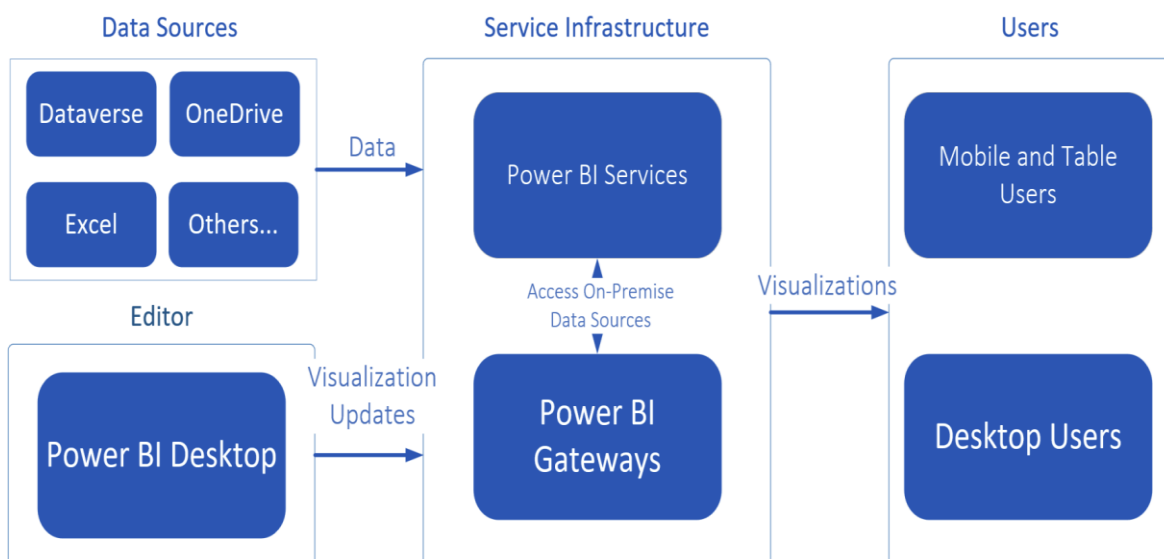
Power Automate Cloud Flows

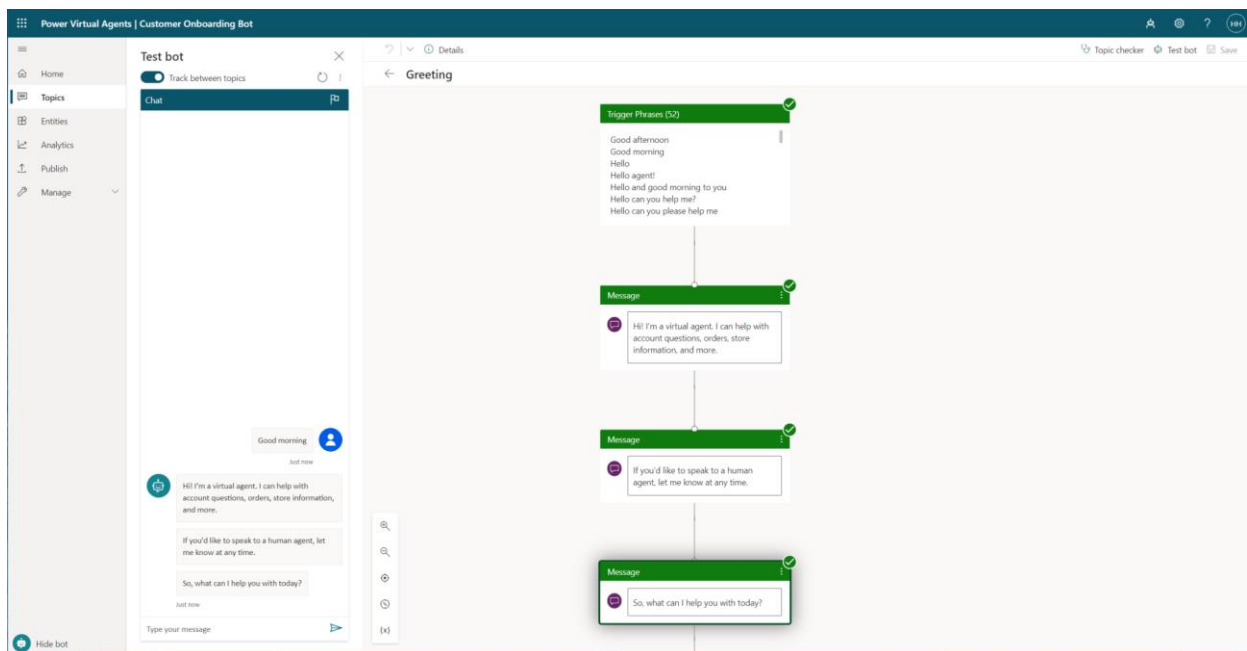
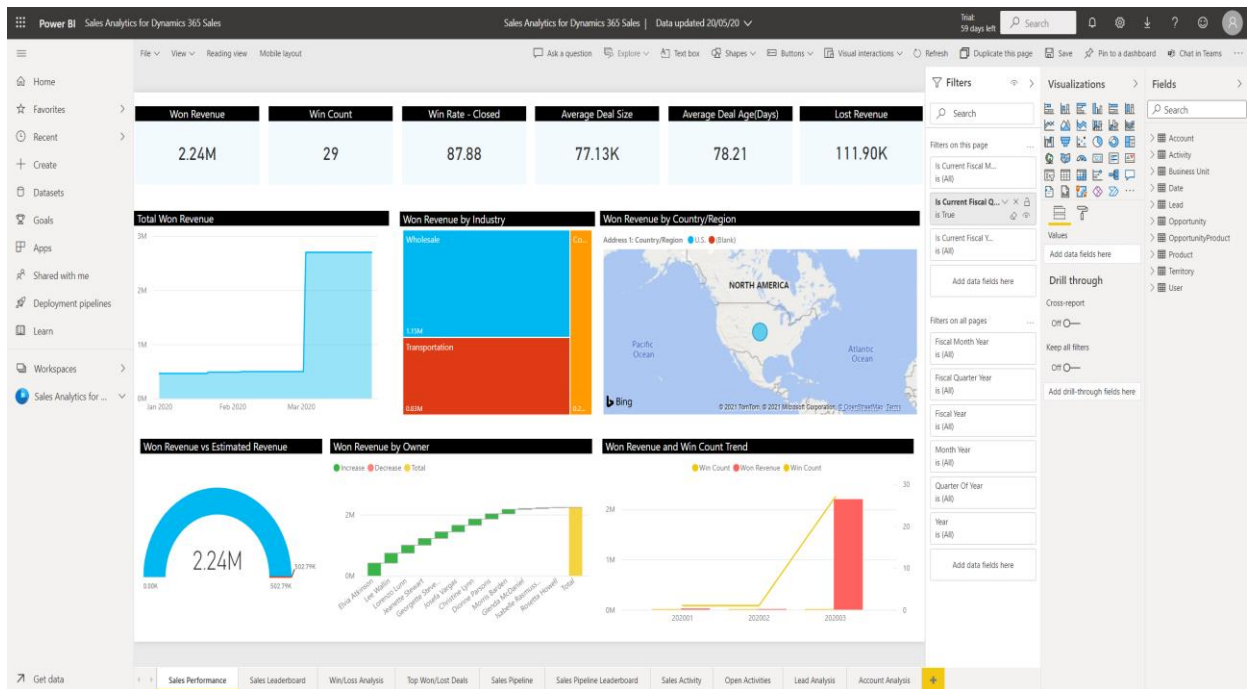
Architecture Overview



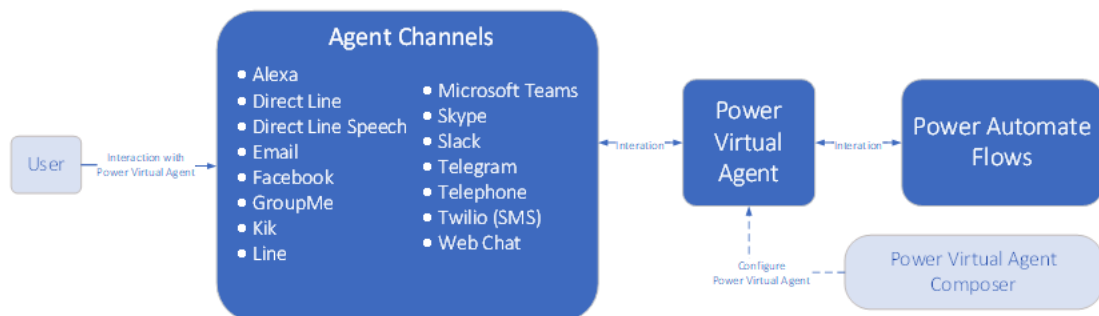
Power BI

Architecture Overview

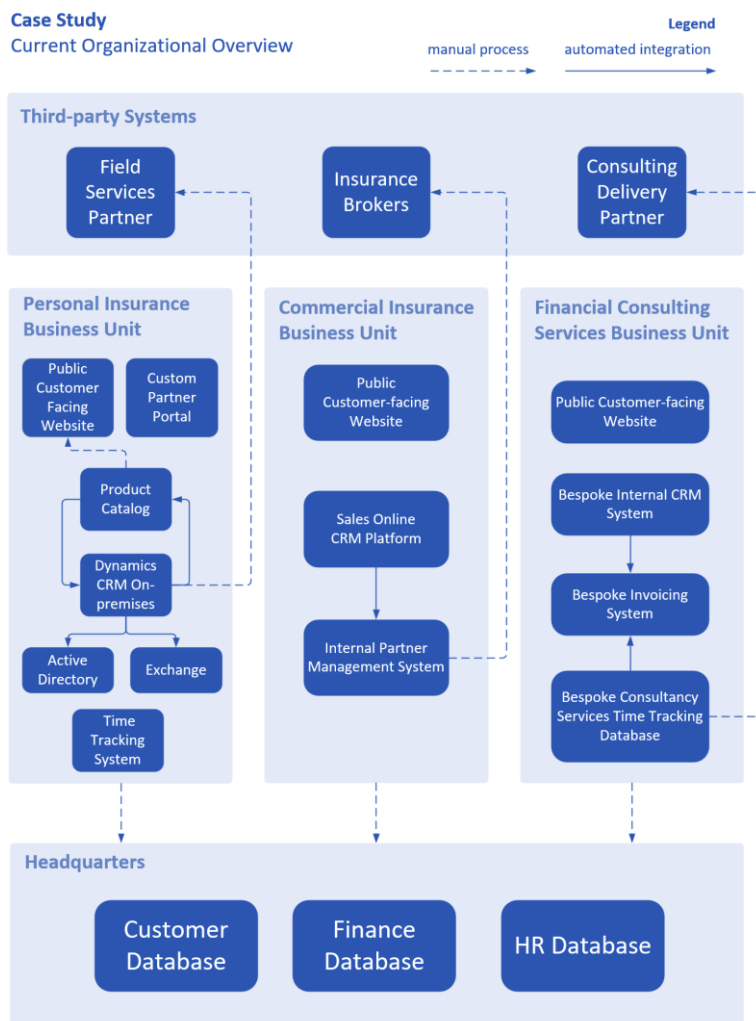
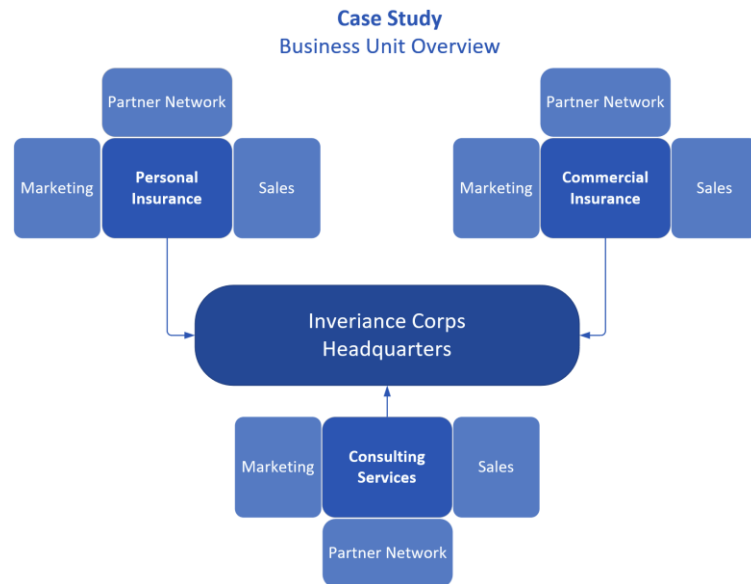




Power Virtual Agents Architecture Overview

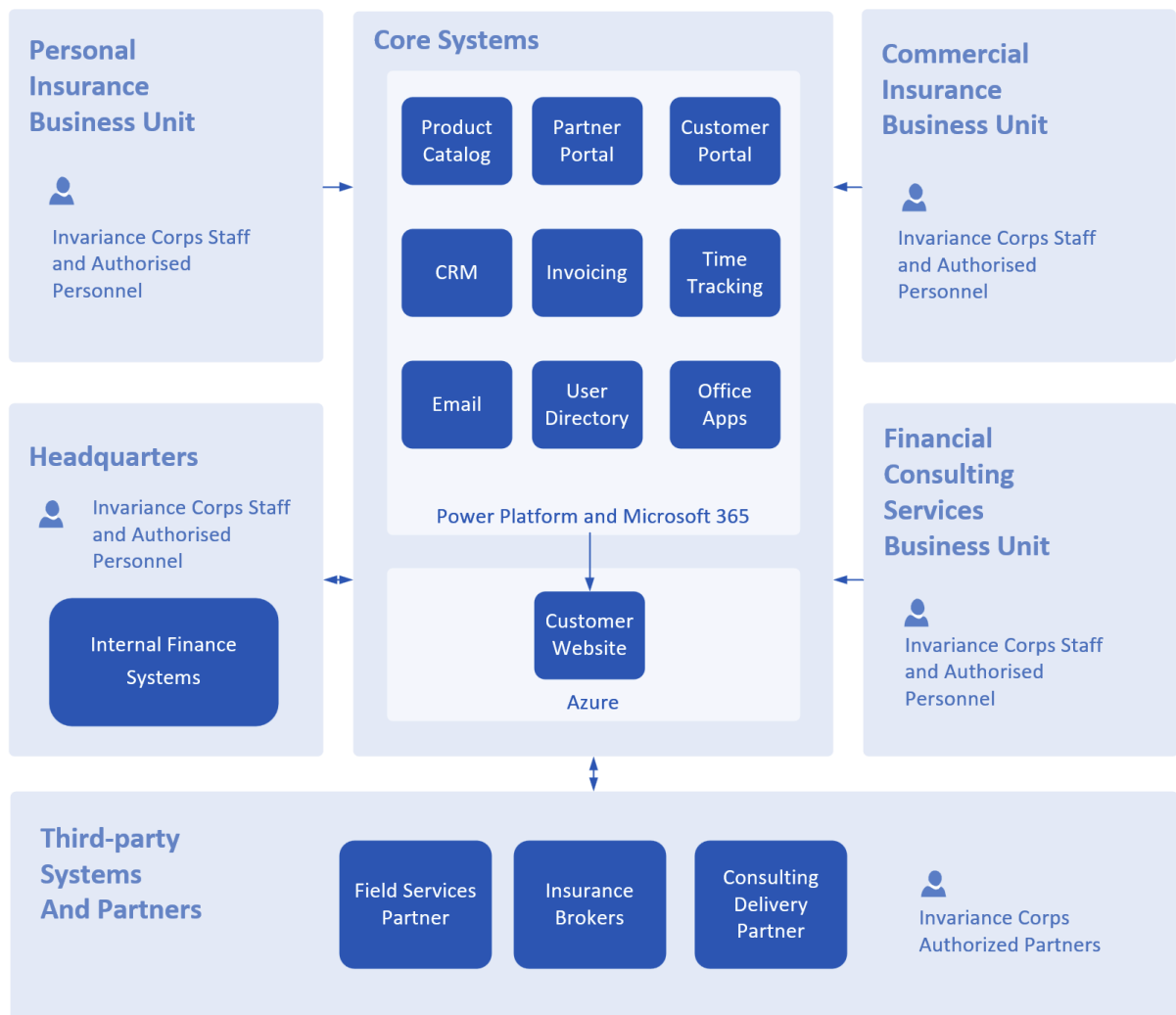


Chapter 2: The Digital Transformation Case Study

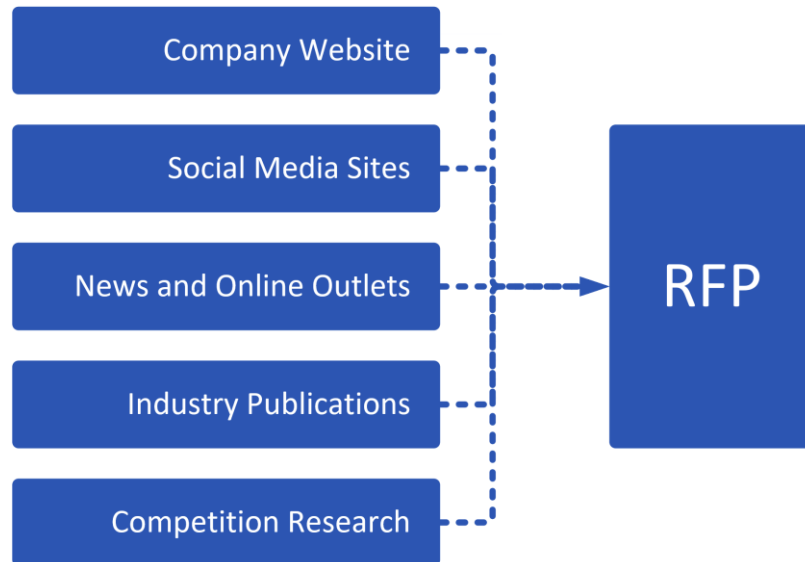


Case study

Desired high-level architecture overview

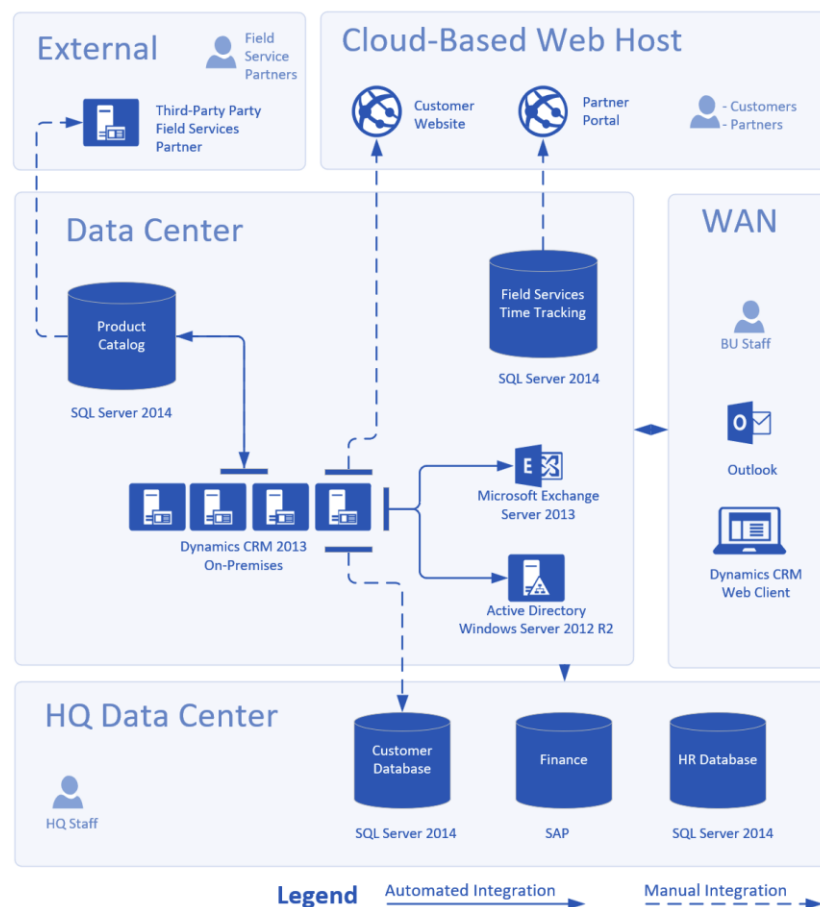


Chapter 3: Discovery and Initial Solution Planning



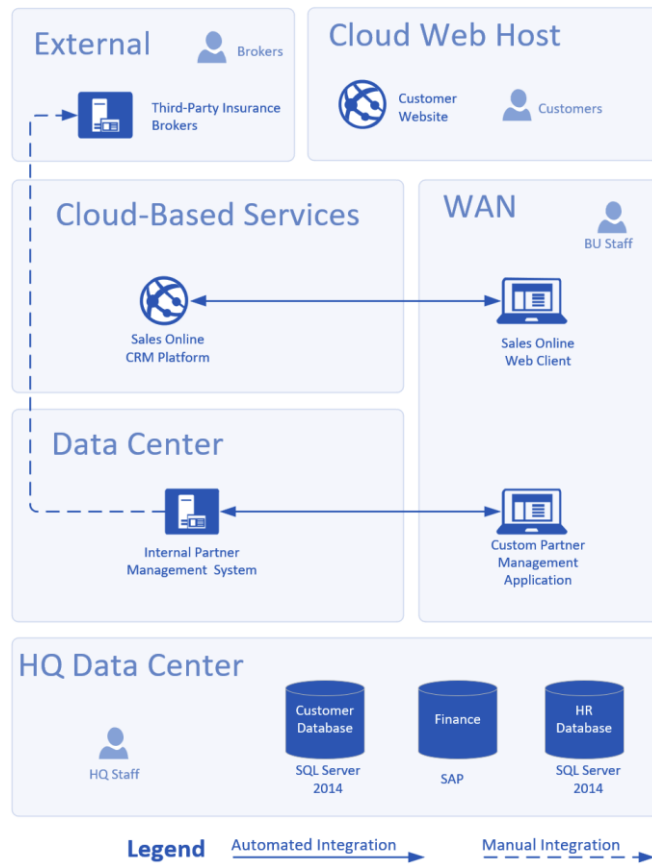
Current Architecture Overview

Personal Insurance Business Unit



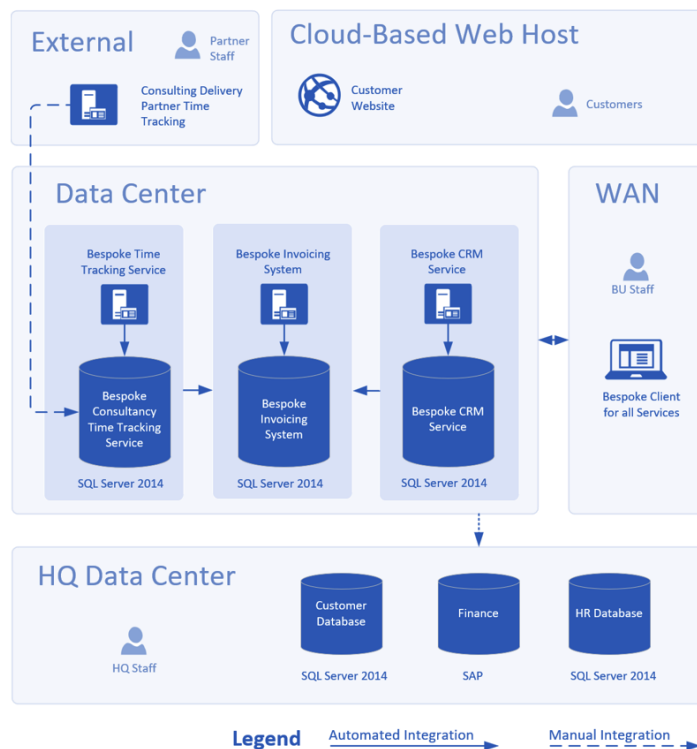
Current Architecture Overview

Commercial Insurance Business Unit

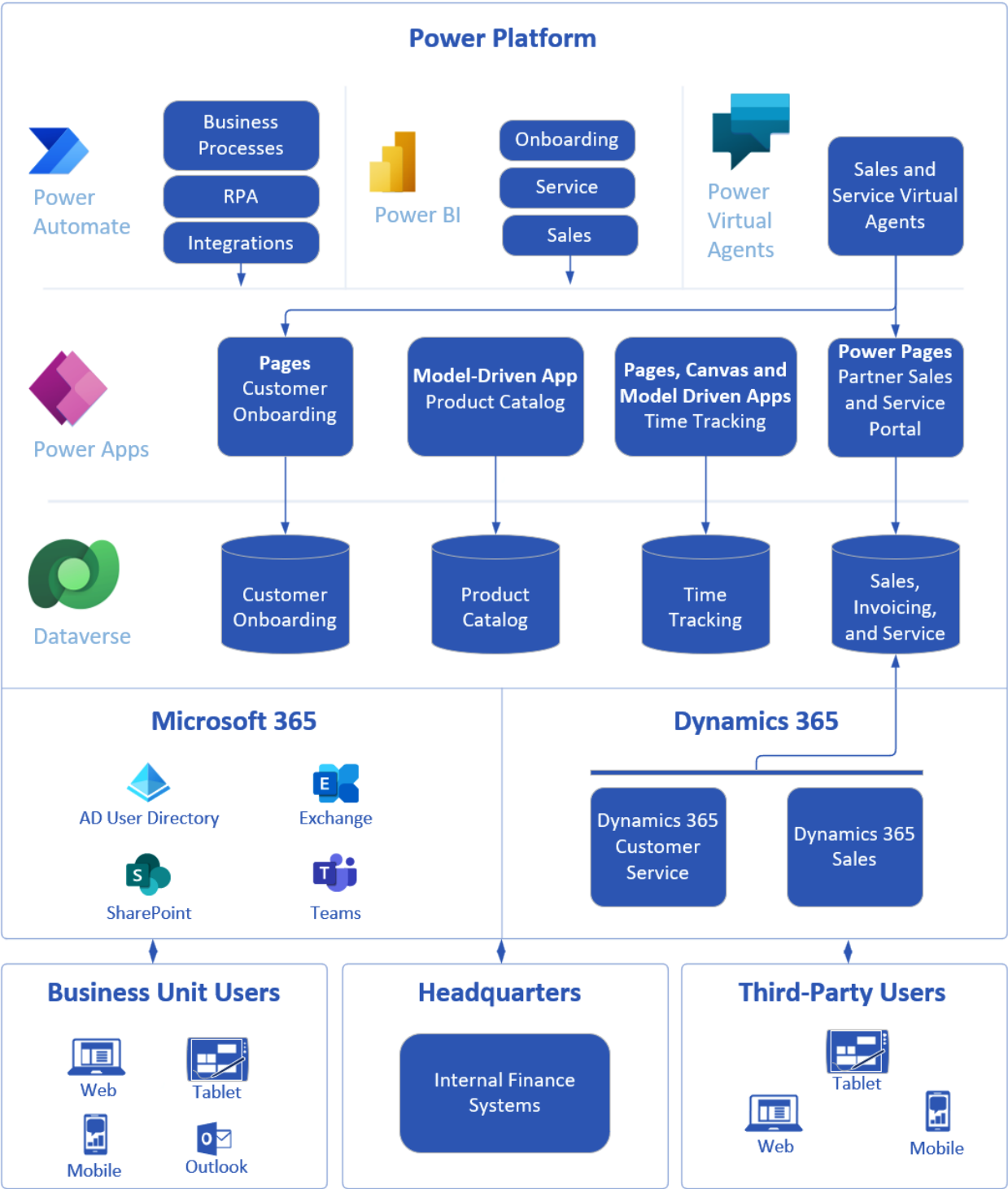


Current Architecture Overview

Financial Consulting Services Business Unit



Proposed High-Level Architecture Overview



Chapter 4: Identifying the Desired Business Process, Risk Factors, and Success Criteria

High-Level Business Process and Data Modelling Workshops

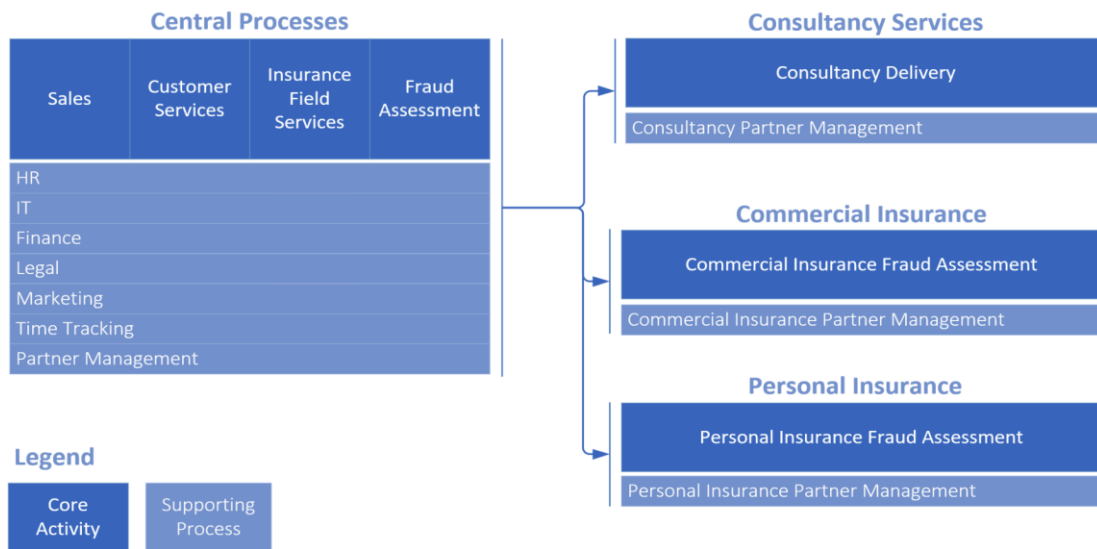
1 Discovery preparation	2 Deliver discovery session	3 Discovery wrap-up
<ul style="list-style-type: none"> Define the desired outcome Define the agendas for each workshop Identify attendees for each workshop Schedule the workshops 	<ul style="list-style-type: none"> Start with the desired outcome Drive the agenda Ask guiding discovery questions 	<ul style="list-style-type: none"> Distribute workshop minutes and actions Review and consolidate notes shortly after

Core Activities	Sales	Personal Insurance Customer Service	Insurance Field Services	Fraud Assessment
Supporting Processes	HR			
	IT			
	Finance			
	Legal			
	Marketing			

Core Activities	Sales	Commercial Insurance Customer Service	Insurance Field Services	Fraud Assessment
Supporting Processes	HR			
	IT			
	Legal			
	Finance			
	Partner Management			
	Marketing			

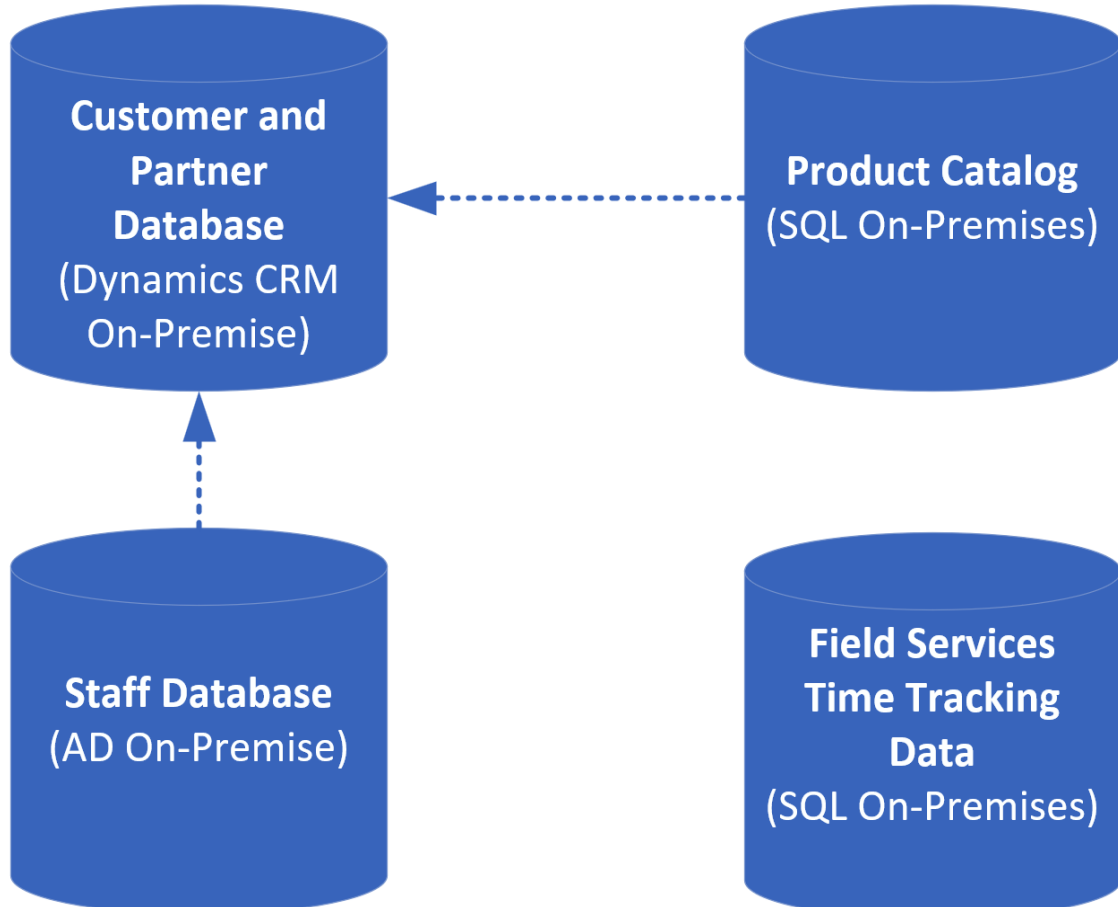
Core Activities	Sales	Consultancy Account Management	Consultancy Delivery
Supporting Processes	HR		
	IT		
	Finance		
	Legal		
	Consultancy Time Tracking		
	Consultancy Partner Management		

Proposed High-Level Business Processes Model



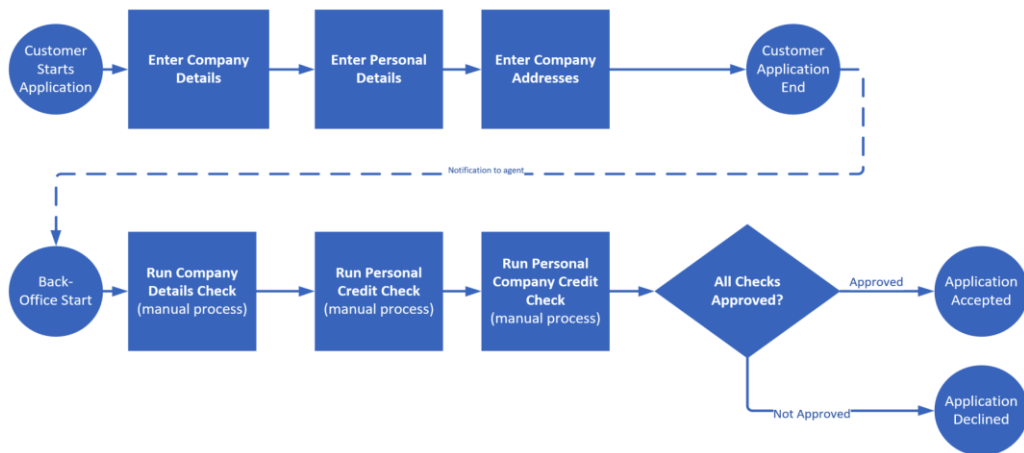
Personal Insurance Business Unit

Current High-Level Data Model



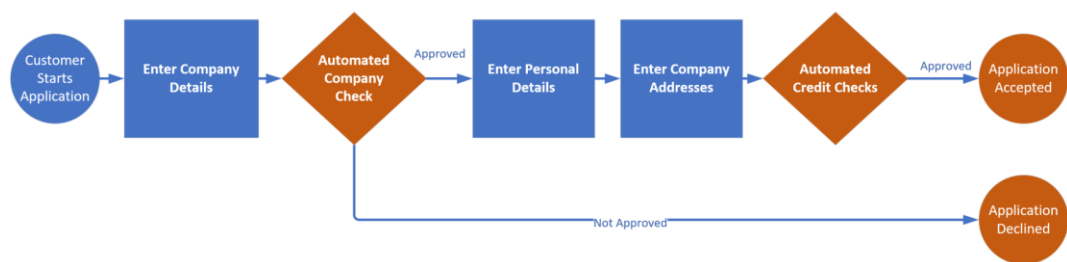
Example High-Level Process

Current Customer Onboarding Journey



Example High-Level Process

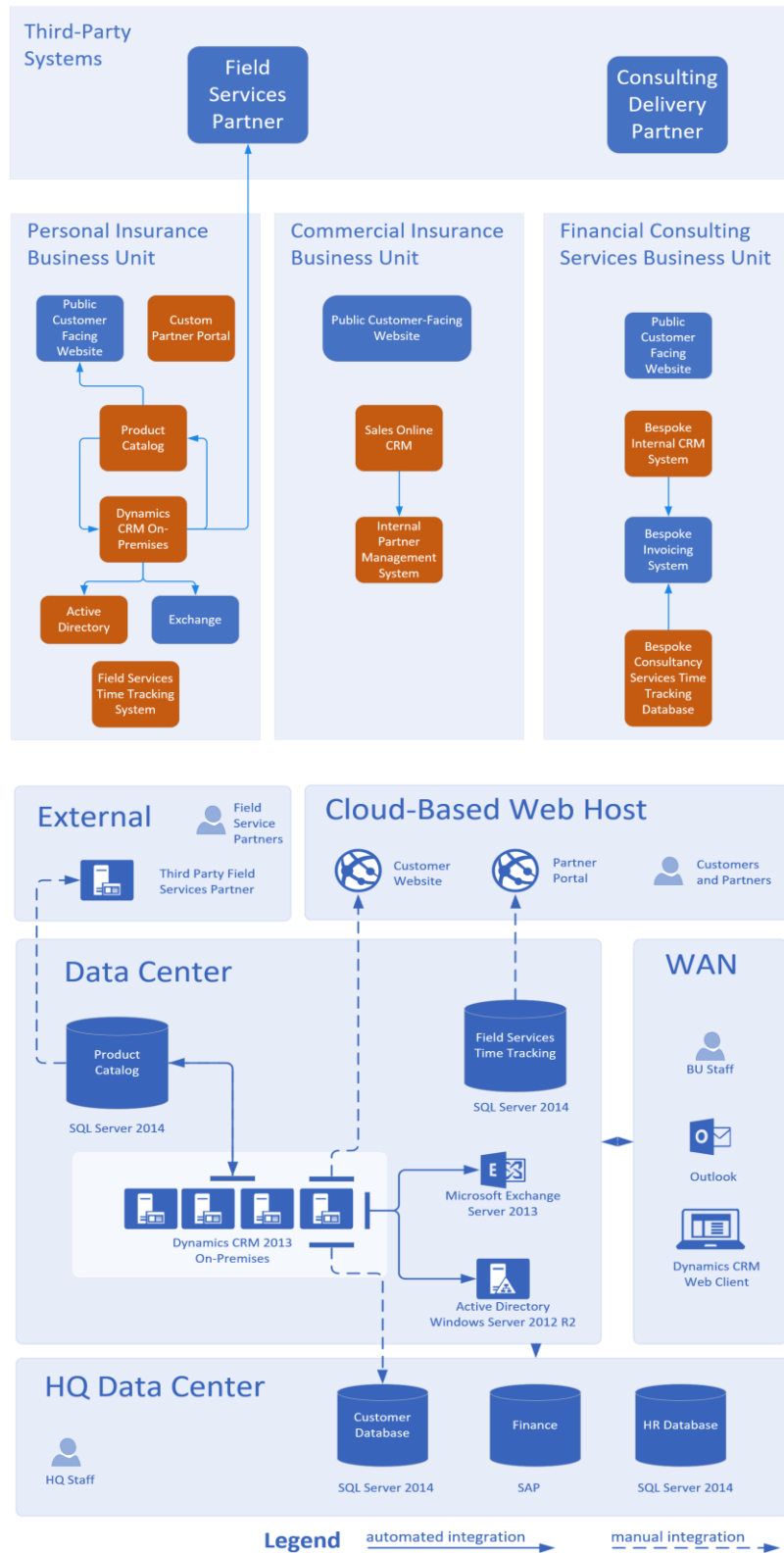
Automated Customer Onboarding Journey



SWOT Analysis

S Strengths	W Weaknesses	O Opportunities	T Threats
<ul style="list-style-type: none"> Financial position Loyal customer base Diversification Strong partner support 	<ul style="list-style-type: none"> Disparate systems High overhead Manual processes 	<ul style="list-style-type: none"> Improve profit margins Improve customer satisfaction Market share growth 	<ul style="list-style-type: none"> New competitors

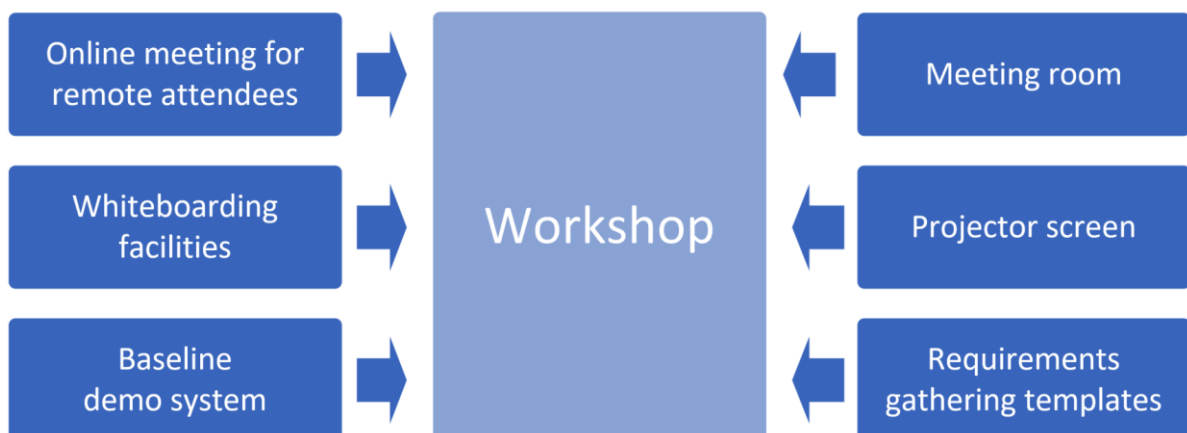
Chapter 5: Understanding the Existing Architectural Landscape



Chapter 6: Requirements Analysis and Engineering for Solution Architecture

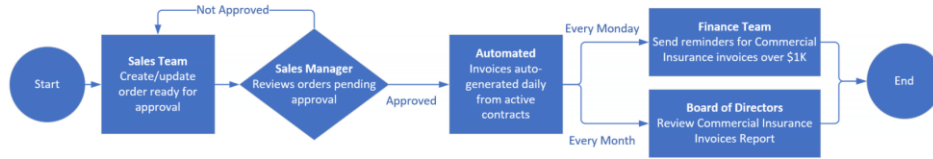


The typical facilities used in a requirements gathering workshop



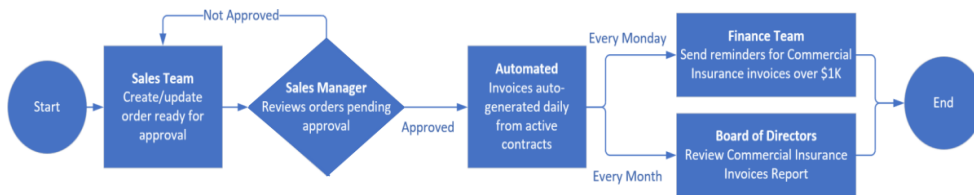
Example process whiteboarding exercise diagram

Sample project setup and sign-off whiteboard

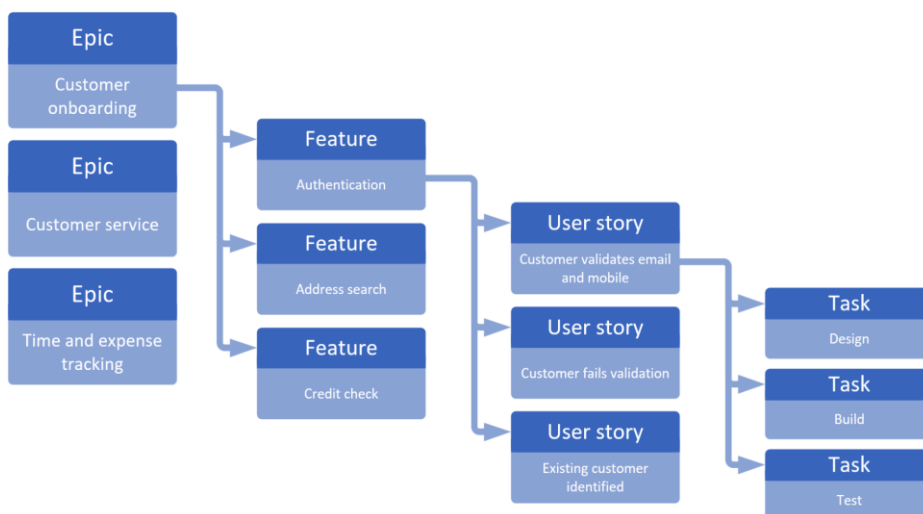
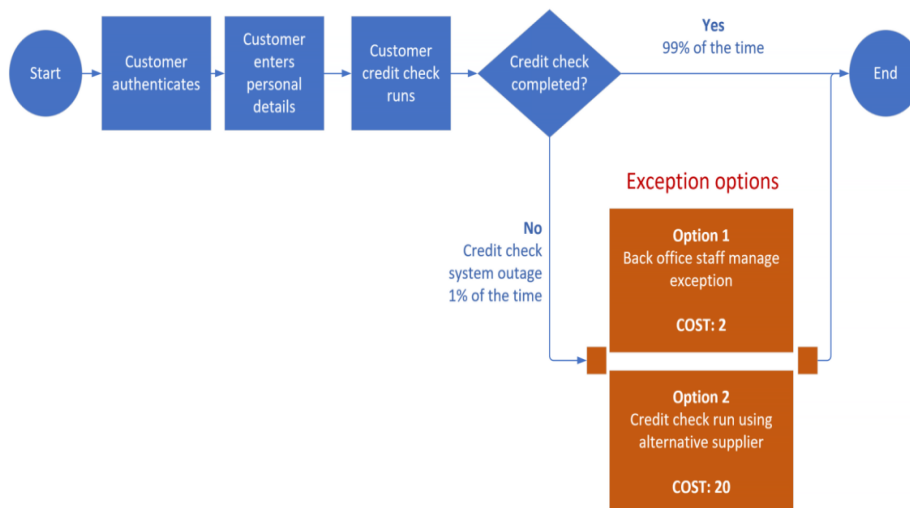


Example process whiteboarding exercise diagram

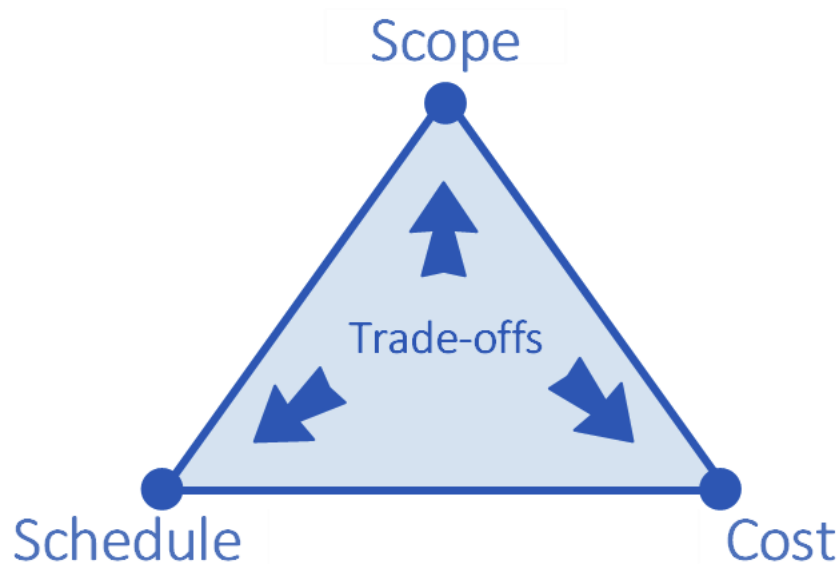
Sample project setup and sign-off whiteboard



Example requirements gathering exception management



Chapter 7: Power Platform Fit-Gap Analysis



Requirement

Potential business customers will be guided along the onboarding journey at every step via questions specific to their circumstances and a multi-step set of pages.

Fit Gap

Gap Analysis

- CONFIGURED
- APP SOURCE
- CONFIGURED
- DEVELOPED
- DYNAMICS
- FIT
- OTHER

Requirement

Potential business customers will be guided along the onboarding journey at every step via questions specific to their circumstances and a multi-step set of pages.

Fit Gap

Gap Analysis

CONFIGURED

Gap Effort

- M
- L
- M
- S
- XL
- XS
- XXL

Requirement

Potential business customers will be guided along the onboarding journey at every step via questions specific to their circumstances and a multi-step set of pages.

Fit Gap ^

Gap Analysis
CONFIGURED
Gap Effort
M
Best Fit

Prioritization

MEDIUM

▼

HIGH

LOW

MEDIUM

Requirement

Potential business customers will be guided along the onboarding journey at every step via questions specific to their circumstances and a multi-step set of pages.

Fit Gap ^

Gap Analysis
CONFIGURED
Gap Effort
M
Best Fit

Prioritization

MEDIUM

Feasibility

FEASIBLE

▼

COMPLIANCE ISSUE

FEASIBLE

OTHER

TECH LIMIT

Requirement

Potential business customers will be guided along the onboarding journey at every step via questions specific to their circumstances and a multi-step set of pages.

Fit Gap ^

Gap Analysis
CONFIGURED
Gap Effort
M
Best Fit

Best Fit

Power Apps Portals

▼

App Source

Canvas Apps

Cloud Flows

Dynamics 365

Model Driven App

Plugins

Power Apps Portals

Gap Notes



Good use case for Portal Advanced Form Steps to guide the user.

Title		Gap Analysis	Effort 2	Best Fit	Prioritization	Feasibility	Gap Notes
Agent co-browsing	...	CONFIGURED	M	Model Driven App	LOW	COMPLIANCE ISSUE	Local regulations ...
Customer self servic...	...	FIT	S	Model Driven App	MEDIUM	FEASIBLE	
Portal users will be	CONFIGURED	M	Power Apps Portals	MEDIUM	FEASIBLE	Good use case for...

Requirement	Gap Analysis	Effort	Priority	Feasibility	Best Fit	Notes
Potential business customers will be guided along the onboarding journey at every step, via questions specific to their circumstances, and a multi-step set of pages.	CONFIGURED	M	MEDIUM	FEASIBLE	Power Apps Portals	Good use case for Portal Web Form Steps.
Customer service staff need to have access to all the data entered by the prospective customers during their onboarding journey.	FIT	S	HIGH	FEASIBLE	Model Driven Apps	
Agents need to be able to support customers throughout the onboarding journey through a co-browsing facility, allowing the agent to view the customer's screen.	APP SOURCE	L	LOW	COMPLIANCE ISSUE	App Source	Local regulations prevent co-browsing in certain countries. Two App Source solutions found.

Requirement	Gap Analysis	Effort	Priority	Feasibility	Best Fit	Notes
Potential business customers will be guided along the onboarding journey at every step, via questions specific to their circumstances, and a multi-step set of pages.	CONFIGURED	M	MEDIUM	FEASIBLE	Power Apps Portals	Good use case for Portal Web Form Steps.
Customer service staff need to have access to all the data entered by the prospective customers during their onboarding journey.	FIT	S	HIGH	FEASIBLE	Model Driven Apps	
Agents need to be able to support customers throughout the onboarding journey through a co-browsing facility, allowing the agent to view the customer's screen.	APP SOURCE	L	LOW	COMPLIANCE ISSUE	App Source	Local regulations prevent co-browsing in certain countries. Two App Source solutions found.

Requirement

Agents need to be able to support customers throughout the onboarding journey through a co-browsing facility, allowing the agent to view the customer's screen.

Fit Gap

Gap Analysis

CONFIGURED

Gap Effort

M

Best Fit

Model Driven App

Prioritization

LOW

Feasibility

COMPLIANCE ISSUE

COMPLIANCE ISSUE

FEASIBLE

OTHER

TECH LIMIT

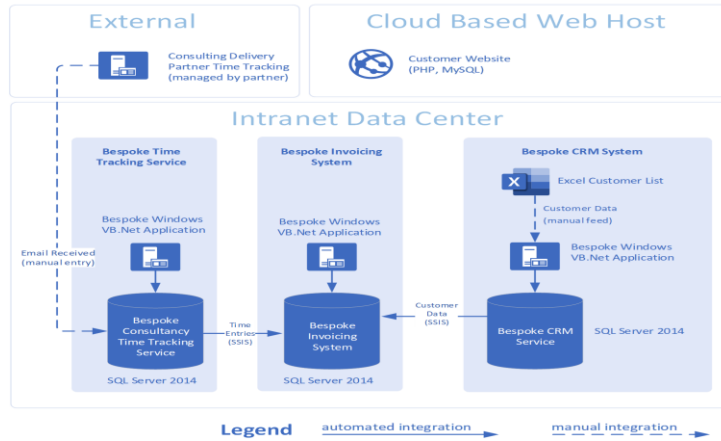
Gap Notes

Local regulations prevent co-browsing in countries A and B. Decide whether to implement a partial rollout or de-scope the feature.

Chapter 8: Leading the Power Platform Design Process

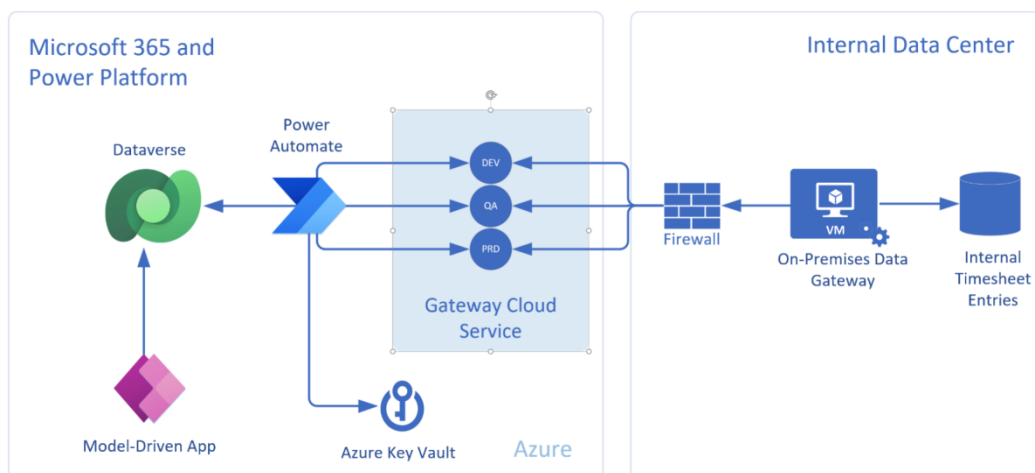
Current Architecture Topology

CRM, Time Tracking, Invoicing and Customer Portal



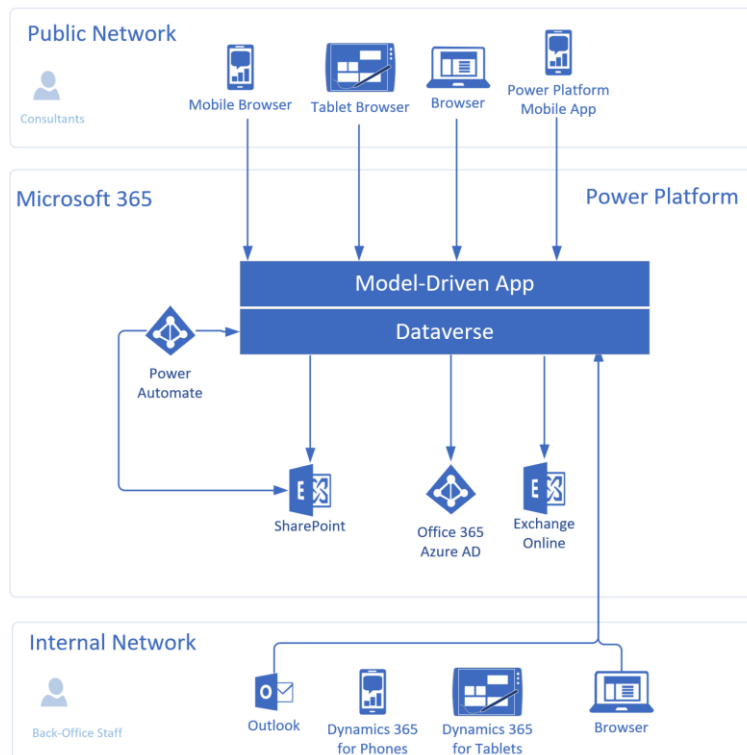
Microsoft Power Platform - Licensing Options Selector

Summary									
Model-Driven App users	120	Max number of users with full access.							
Self-Service Portal Users	2,000	The number of users with time-entry access only.							
Build costs	€ 48,360 and € 62,568 Estimated costs, calculated from the build hourly estimates at 40-hour weeks.								
Instances	1 x Production 2 x Sandbox								
Monthly license cost	€ 29,200 Cost of all licenses and Azure storage costs, where applicable.								
Details									
Options for staffing managers, contract managers and general back-office users									
Option	Selected?	License	Number of Users	Number of Logins p/m	Cost per License	Monthly License Cost	Est. Design and Build Days	Description	
1	Selected	D365 Project Operations Per User	120	-	€ 110.00	€ 13,200.00	60	Full access to Model Driven App capabilities. User can create pitches, perform staffing, project management, and contract management. 250MB per User.	
2		D365 Sales Attach D365 Base SKU Per User	120	-	€ 6.97	€ 836.40	20	This license provides additional storage within Dynamics instances. 250MB per User.	
Options for consultants logging time off requests, and profile self management									
Option	Selected?	License	Number of Users	Number of Logins p/m	Cost per License	Monthly License Cost	Est. Design and Build Days	Description	
1		Consultants (Limited Team member access)	2000	-	€ 8.00	€ 16,000.00	8	Team Member access to Model Driven app.	
2		External Consultants (Power Apps Portal Users)	2000	8000	€ 70.00	€ 140,000.00	18	Power Apps Portal access. Users able to log time off requests, manage their own resource profile skills, certifications and skill ratings. Includes mobile access.	
3	Selected	Power Apps Per-App Subscription	2000	-	€ 8.00	€ 16,000.00	18	Power Apps Portal access. Users able to log time off requests, manage their own resource profile skills, certifications and skill ratings. Includes mobile access.	
4		Internal Consultants (Power Apps Portal Pay as You Go)	2000	-	€ 10.00	€ 20,000.00	18	Power Apps Portal access. Users able to log time off requests, manage their own resource profile skills, certifications and skill ratings. Includes mobile access.	
5		Consultants (Bespoke Azure Web App)	2000	DEV € 9.49 TEST € 94.75 PROD € 73.00 DEV € 250.00 TEST € 250.00 PROD € 300.00 DEV € 300.00 TEST € 300.00 PROD € 300.00	€ 1,787.24	25	Custom Azure web application using Microsoft 365 AD user authentication, allowing the user with the ability to log time entries against projects, and request time off. Hosting pricing is for up to 4000 consultants. Requires ongoing maintenance and support of custom solution.		



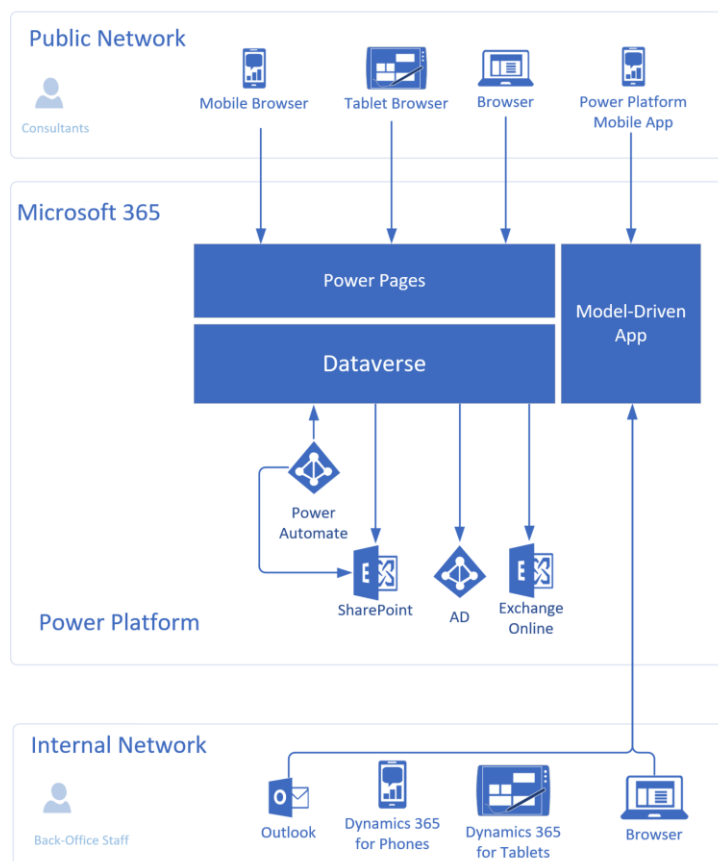
Option 1

Model-Driven App only



Option 2

Model-Driven App + Power Pages



Opportunity Form Draft

General

Topic

Opportunity name

Customer

Contoso

Contact

Jane

Location

Country

Spain

City

Madrid

Requirements

Capacity

Five consultants

Description

Require five consultants for a project in Madrid

Model-Driven App
Dashboard Whiteboarding Diagram

New Applications

Number	Client	Application Type	Date

Back-Office Checks

Check	Client	Status	Date

Applications by Status



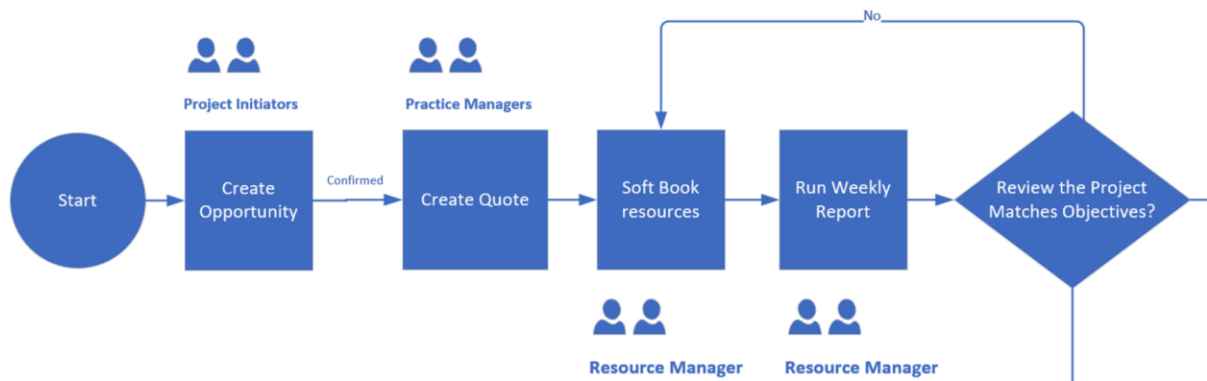
Active Checks by Type



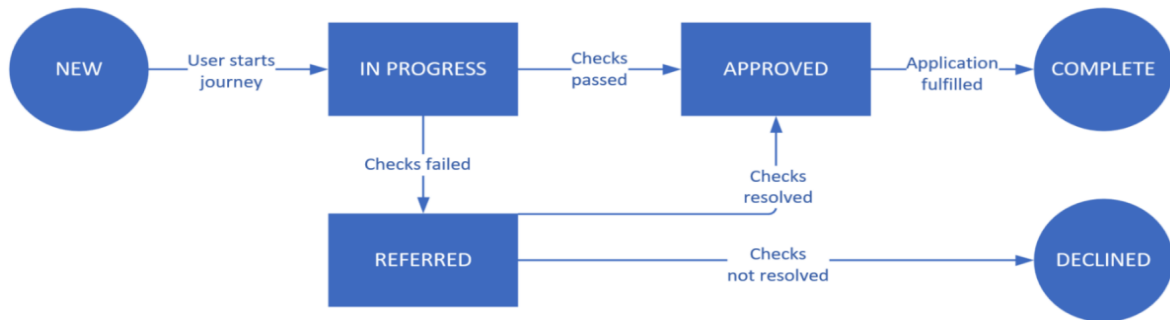
Registration

Staffing

Internal Review



State Machine Diagram



The customer

1 2 3 4

Type of customer

☒ Business

☐ Personal

☐ ? How to tell..

Continue

Previous

Customer details

1 2 3 4

What type of business?

☐ Limited company

☐ LLP

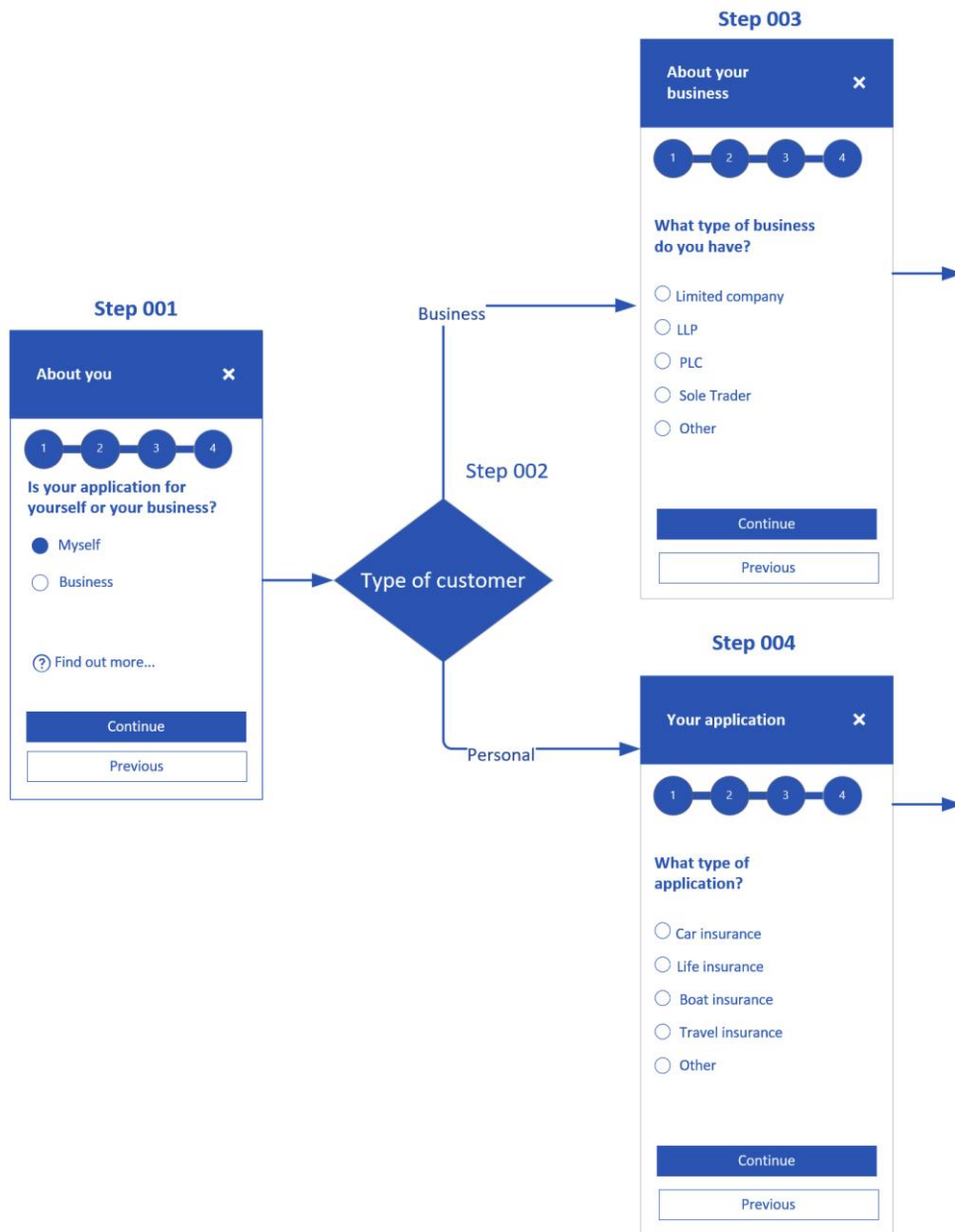
☐ PLC

☐ Sole Trader

☐ Other

Continue

Previous





When a flow step is run from a business process flow
Microsoft Dataverse

PREMIUM



When a row is added, modified or deleted
Microsoft Dataverse

PREMIUM



When an action is performed (preview)
Microsoft Dataverse

PREMIUM

Settings for 'When a row is added, modified or deleted'

Custom Tracking Id
Set the tracking id for the run. For split-on this tracking id is for the initiating request.
Tracking Id

Secure Inputs
Secure inputs of the operation.
Secure Inputs ☐ Off

Secure Outputs
Secure outputs of the operation and references of output properties.
Secure Outputs ☐ Off

Retry Policy
A retry policy applies to intermittent failures, characterized as HTTP status codes 408, 429, and 5xx, in addition to any connectivity exceptions. The default is an exponential interval policy set to retry 4 times.
Type

Concurrency Control
Limit number of concurrent runs of the flow, or leave it off to run as many as possible at the same time. Concurrency control changes the way new runs are queued. It cannot be undone once enabled.
Limit ☐ Off

Trigger Conditions
Specify one or more expressions which must be true for the trigger to fire.
[+ Add](#)

Done Cancel

Retry Policy

A retry policy applies to intermittent failures, characterized as HTTP status codes 408, 429, and 5xx, in addition to any connectivity exceptions. The default is an exponential interval policy set to retry 4 times.

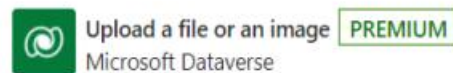
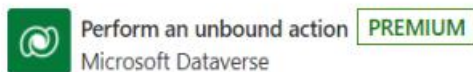
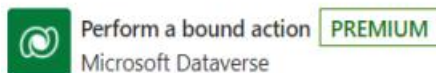
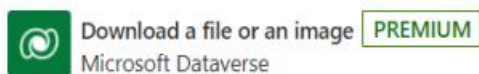
Type	Fixed Interval
* Count	90
* Interval ⓘ	PT30S

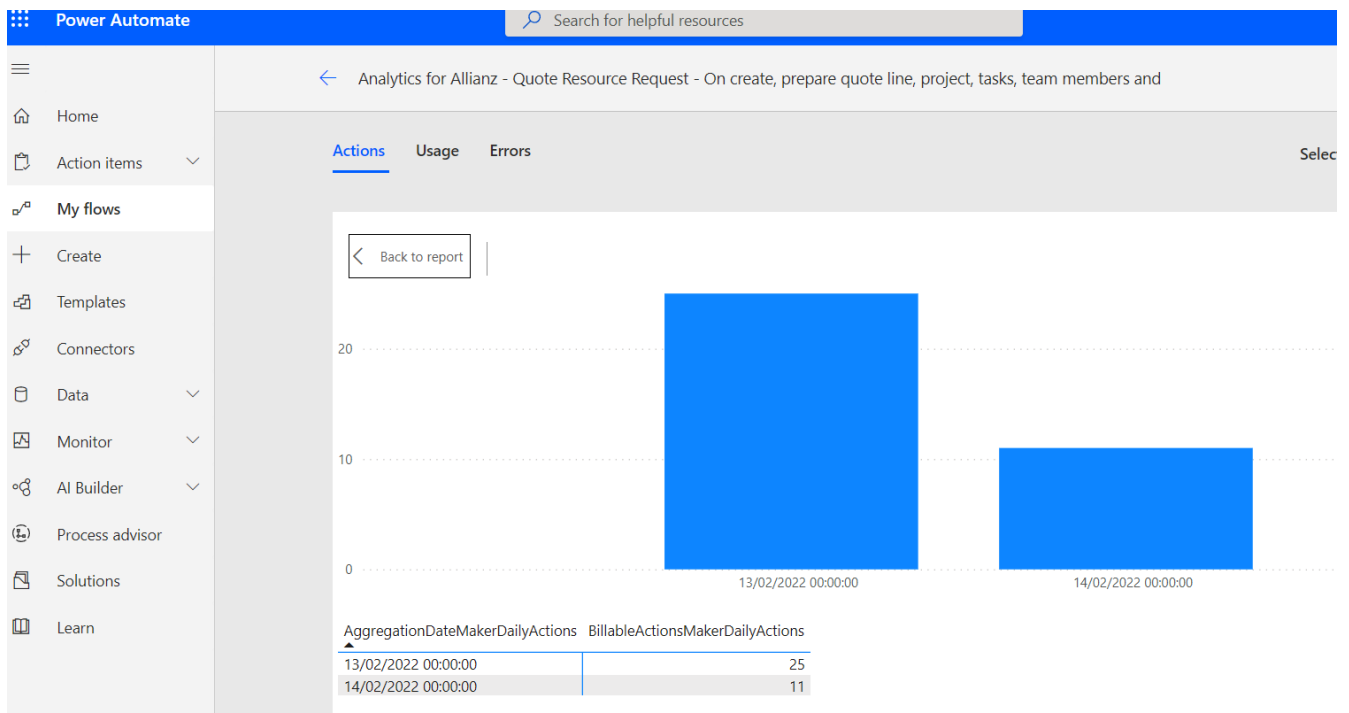
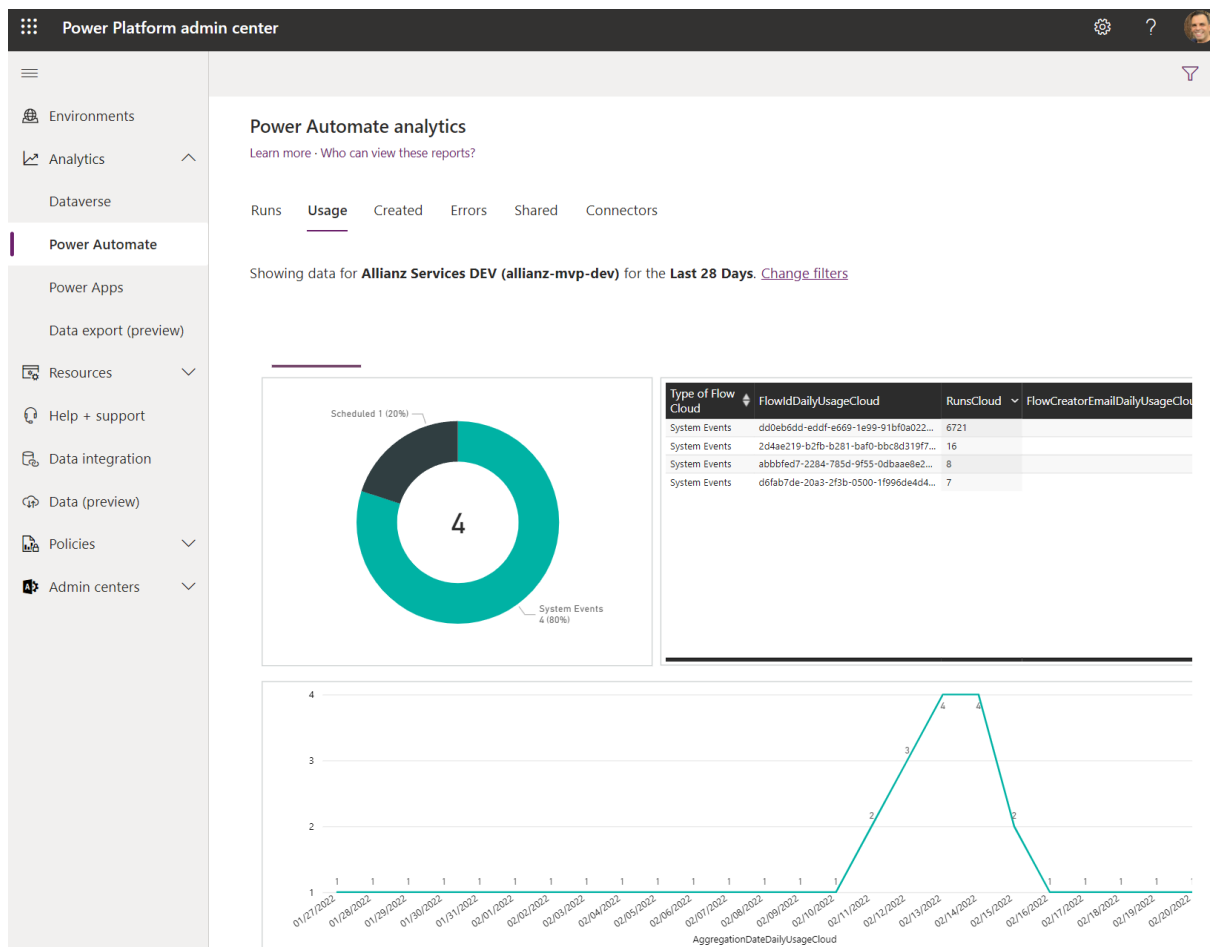
Retry Policy

A retry policy applies to intermittent failures, characterized as HTTP status codes 408, 429, and 5xx, in addition to any connectivity exceptions. The default is an exponential interval policy set to retry 4 times.

Type	Exponential Interval
* Count	30
* Interval ⓘ	PT30S
Minimum Interval ⓘ	PT30S
Maximum Interval ⓘ	PT1H

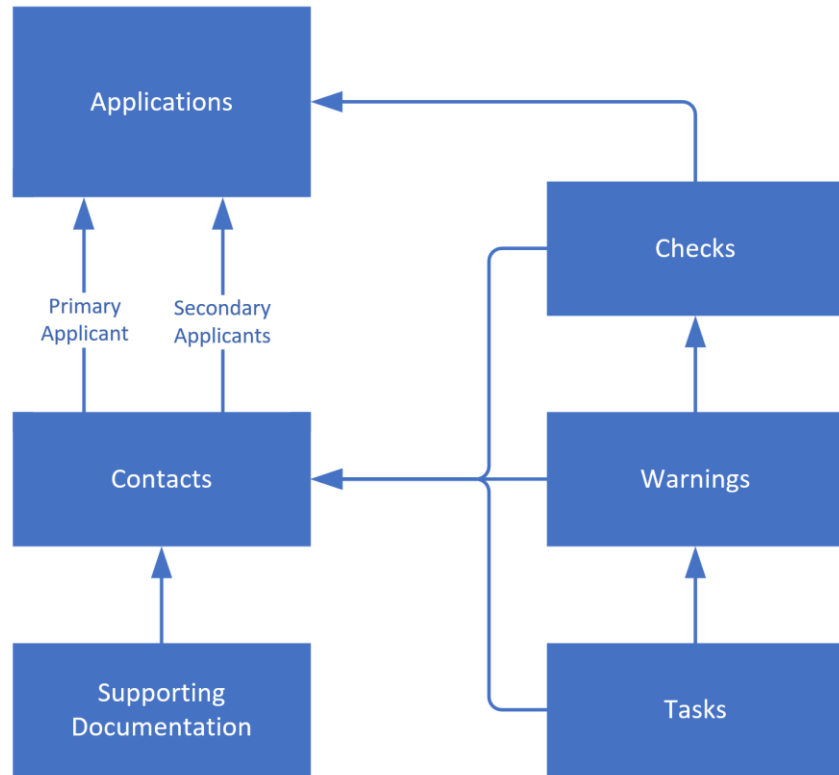
Concurrency Control
Limit number of concurrent runs of the flow, or leave it off to run as many as possible at the same time.
Concurrency control changes the way new runs are queued. It cannot be undone once enabled.
Limit ☒ On
Degree of Parallelism 1



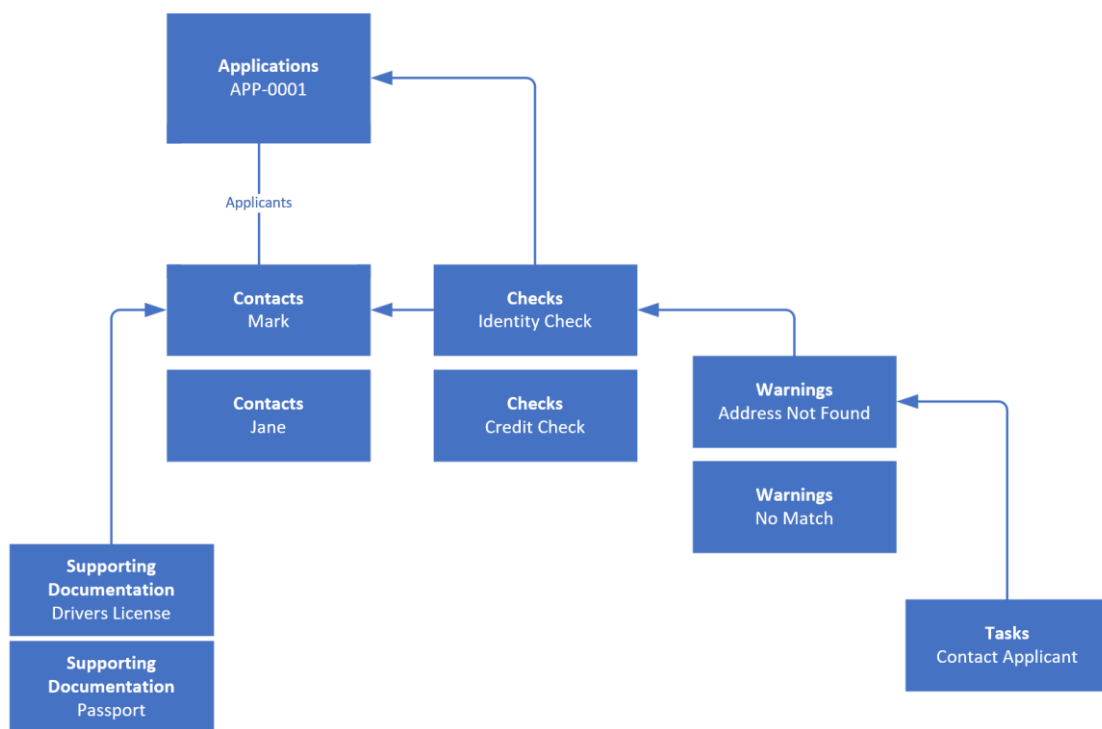


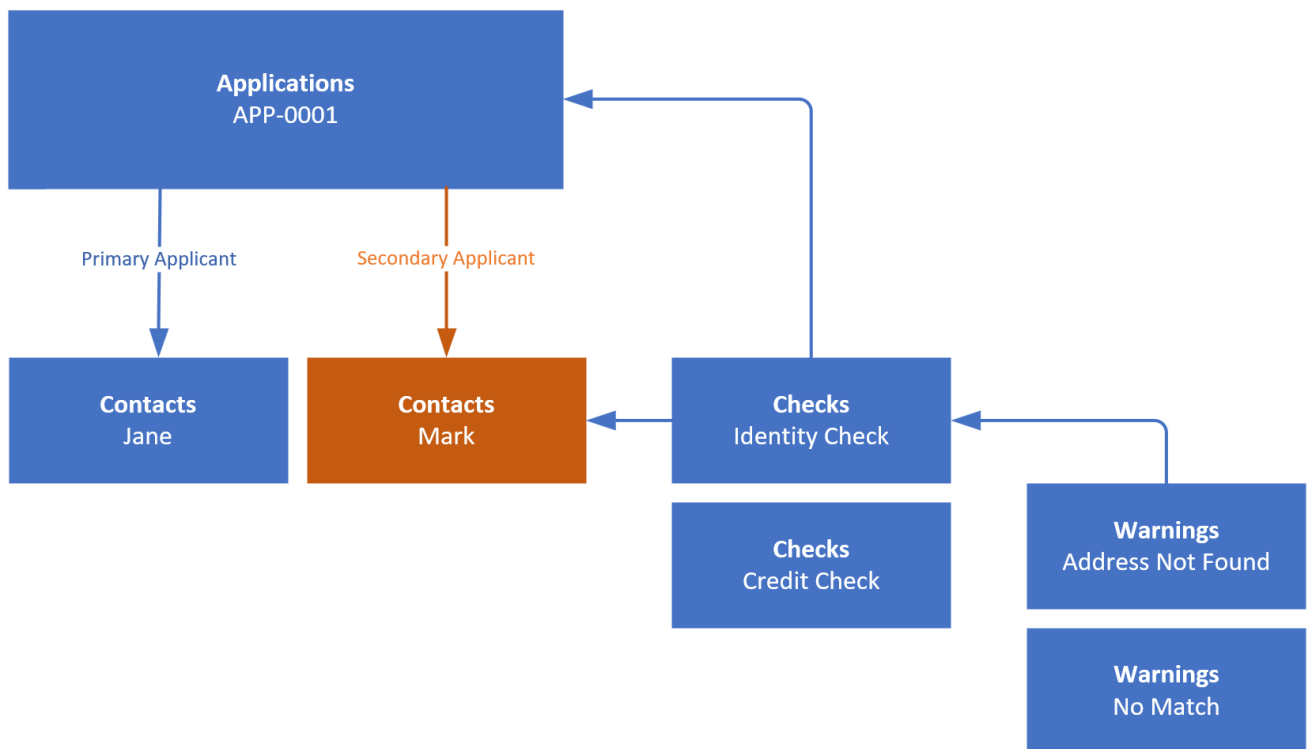
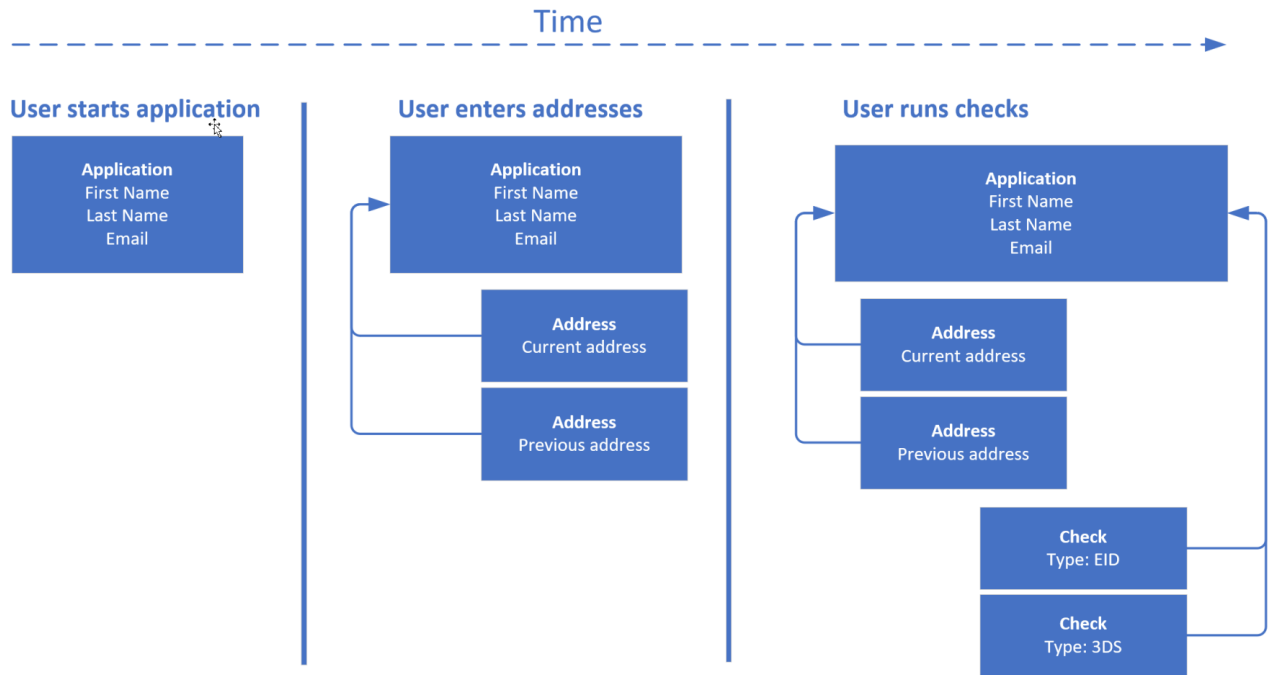


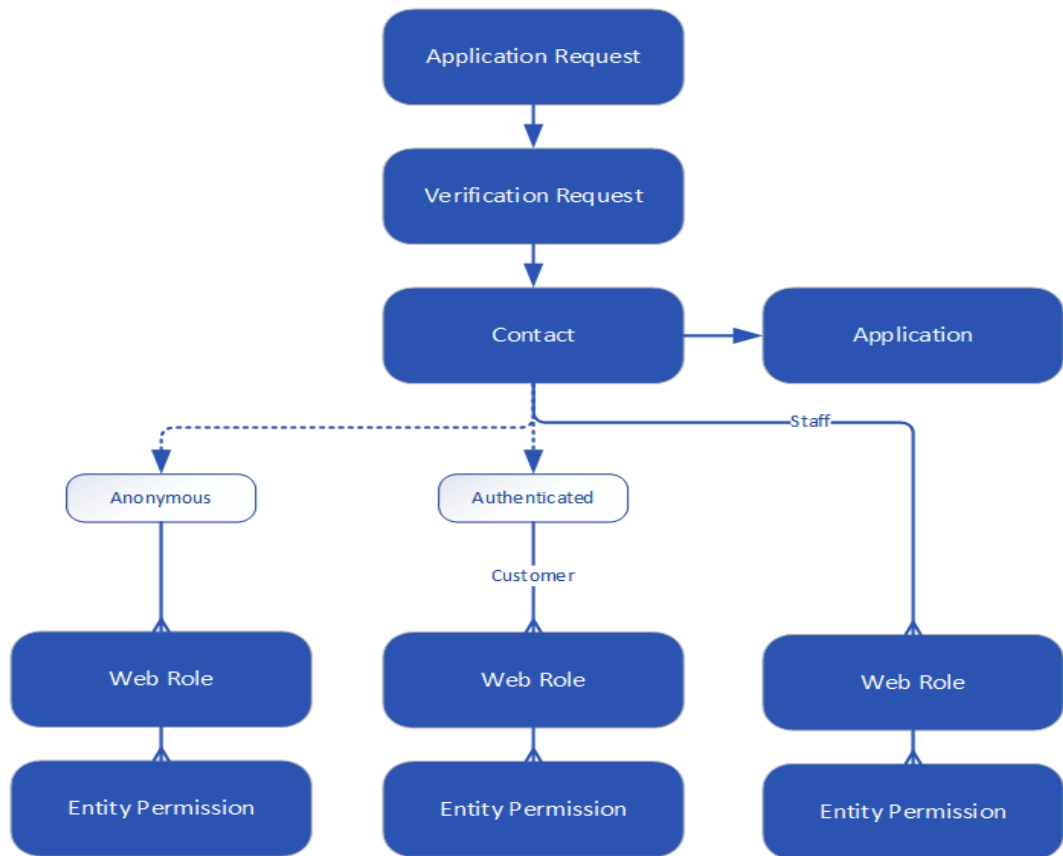
Chapter 9: Effective Power Platform Data Modeling



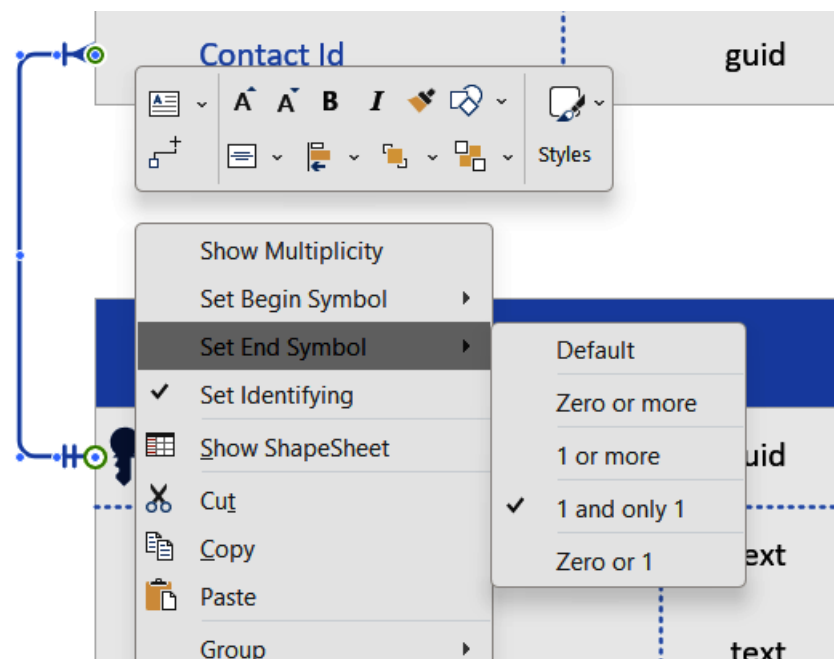
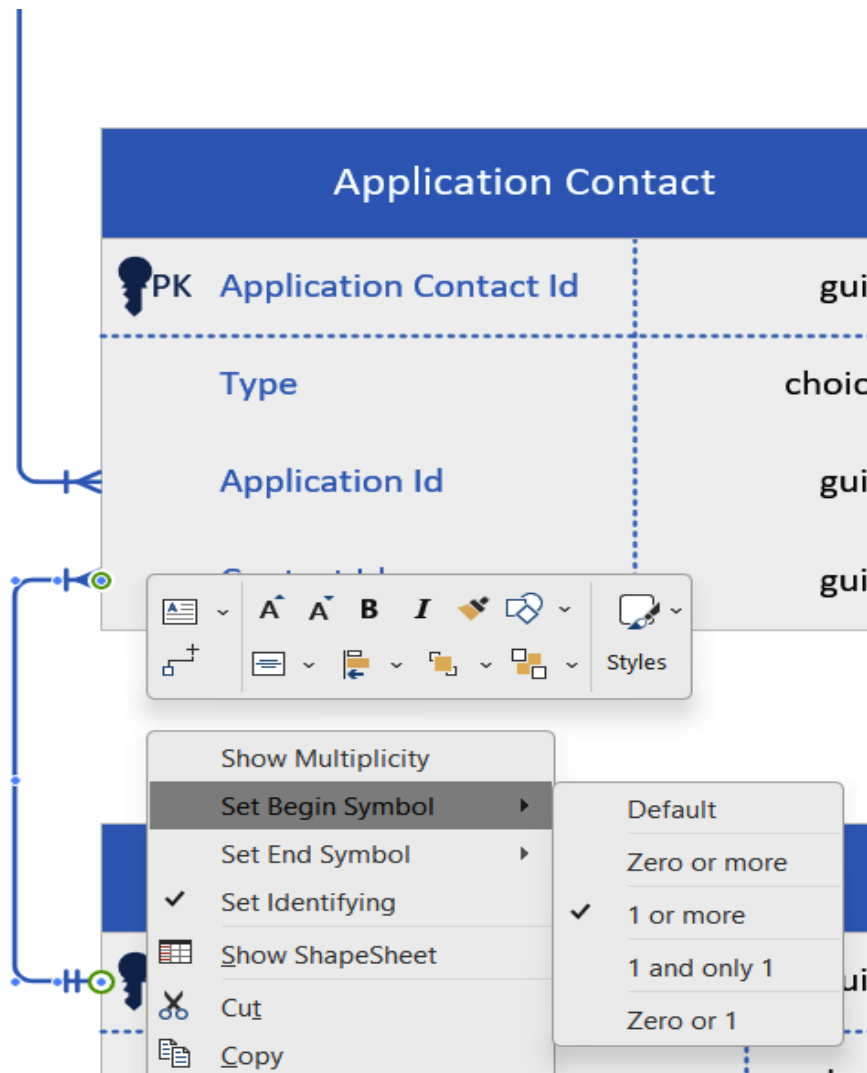
Sample Data Structure











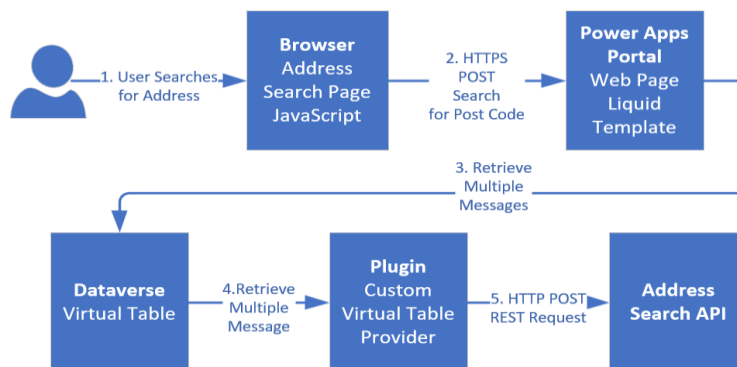
Chapter 10: Power Platform Integration Strategies

The Power Platform integration design process



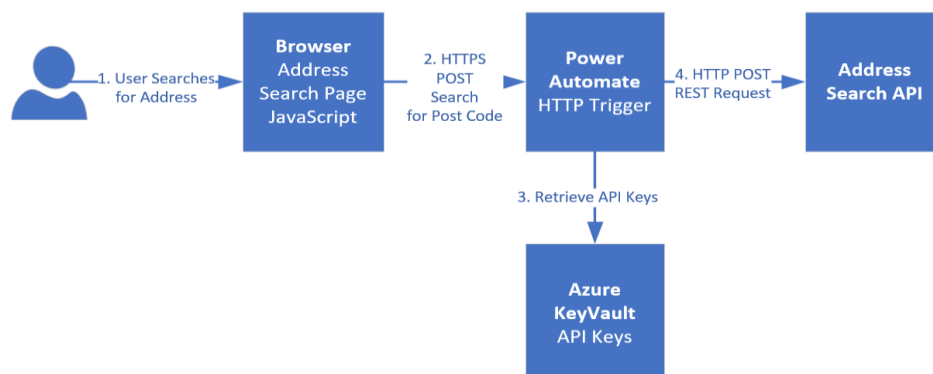
Address search integration

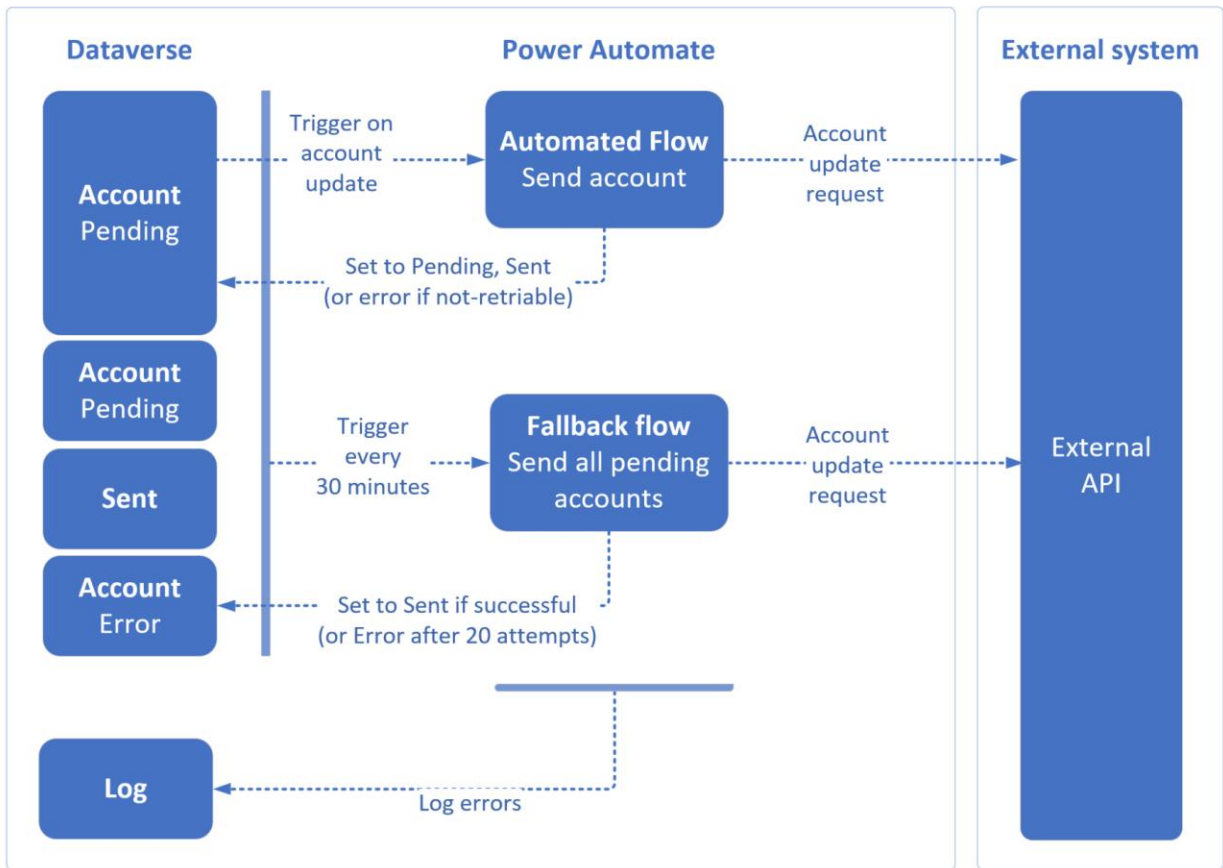
Option 1 – Virtual Tables



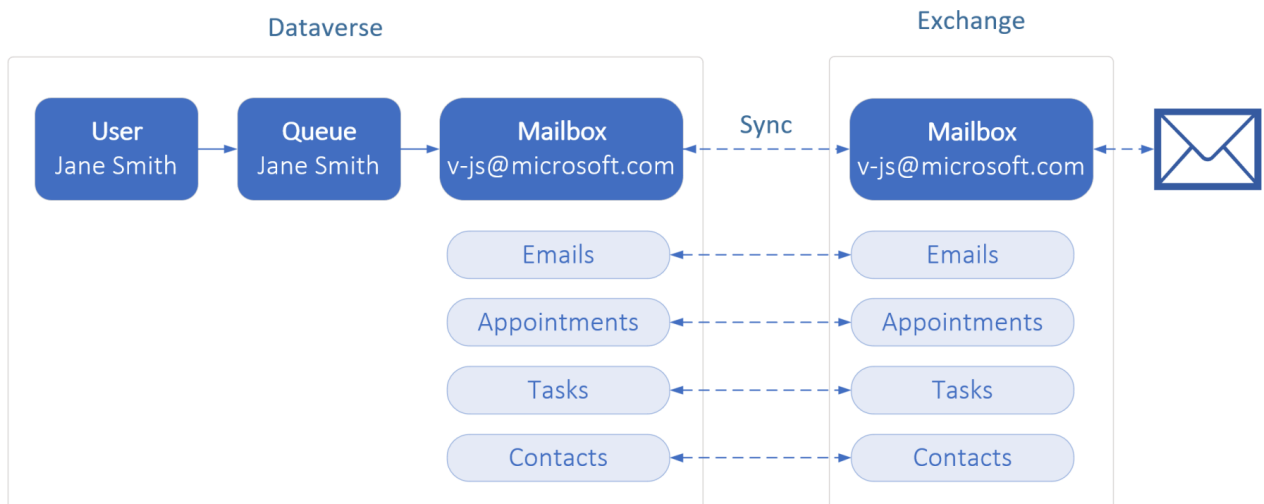
Address search integration

Option 2 – Power Automate



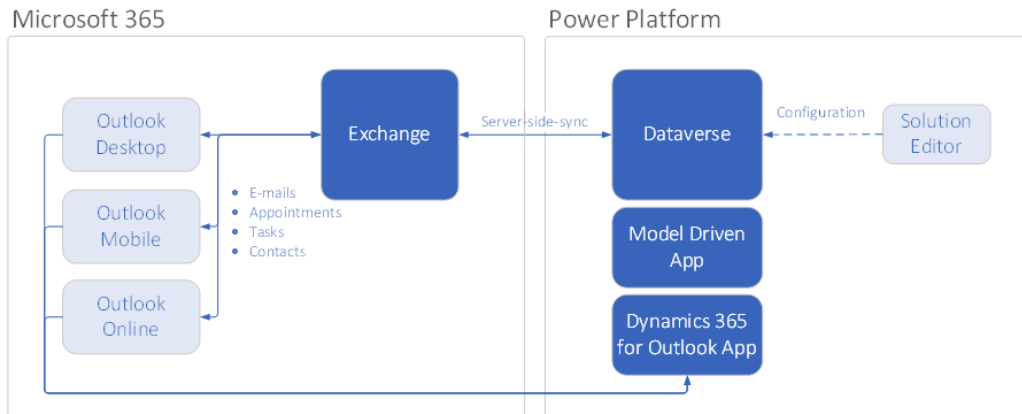


Exchange Server Side Sync Integration Architecture Overview



Dynamics 365 for Outlook

Architecture Overview



Document Management

Which feature would you like to work with?



Document Management Settings

Select default document management settings for your organization.



SharePoint Sites

A SharePoint site is a record on a SharePoint server or in a site collection. SharePoint site records map to sites or records on a SharePoint server.



SharePoint Document Locations

A document location record maps to document libraries or folders on a SharePoint server. They are defined relative to a SharePoint document library record or a document location record. They can be associated with a Microsoft Dynamics 365 record.



Enable Server-Based SharePoint Integration

We recommend that you enable server-based SharePoint integration. Your current SharePoint integration relies on installing a list component on a sandbox solution in SharePoint. SharePoint will no longer be supporting the sandbox solution feature.



Enable OneDrive for Business

Enable users to manage files stored in OneDrive for Business directly in Dynamics 365.



Manage Document Suggestions

Set up intelligent document suggestions.

Document Management Settings



Select entities

Document management will be enabled on the selected entities.

<input type="checkbox"/>	Entities
<input checked="" type="checkbox"/>	Account
<input type="checkbox"/>	Account Project Price List
<input type="checkbox"/>	Action Card Regarding
<input type="checkbox"/>	Action Card Role Setting
<input type="checkbox"/>	Actual
<input type="checkbox"/>	Actuals Configuration
<input type="checkbox"/>	Ad
<input type="checkbox"/>	Ad Placement
<input type="checkbox"/>	Adaptive Card Configuration
<input type="checkbox"/>	Address

SharePoint site

The selected SharePoint site will be used as the default site for document management.

SharePoint Site:

Next

Cancel

Select folder structure

To create a folder structure based on a specific entity, click the check box, and select an entity. Folders will be created on SharePoint in the context of your Microsoft Dynamics 365 records.

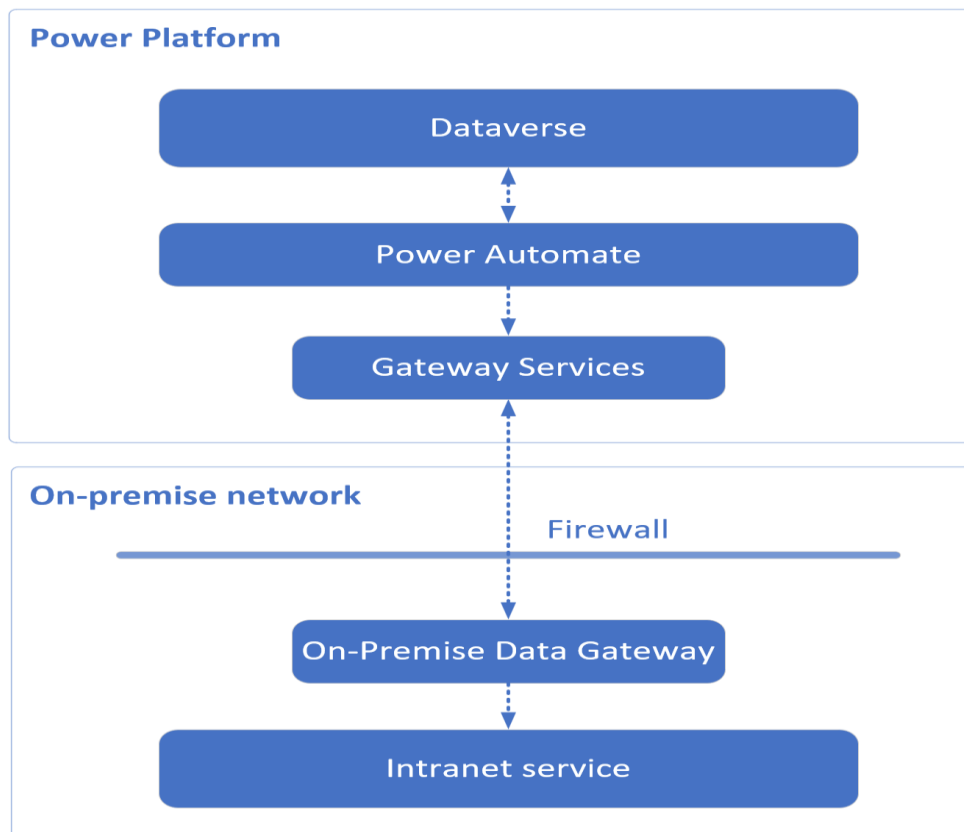
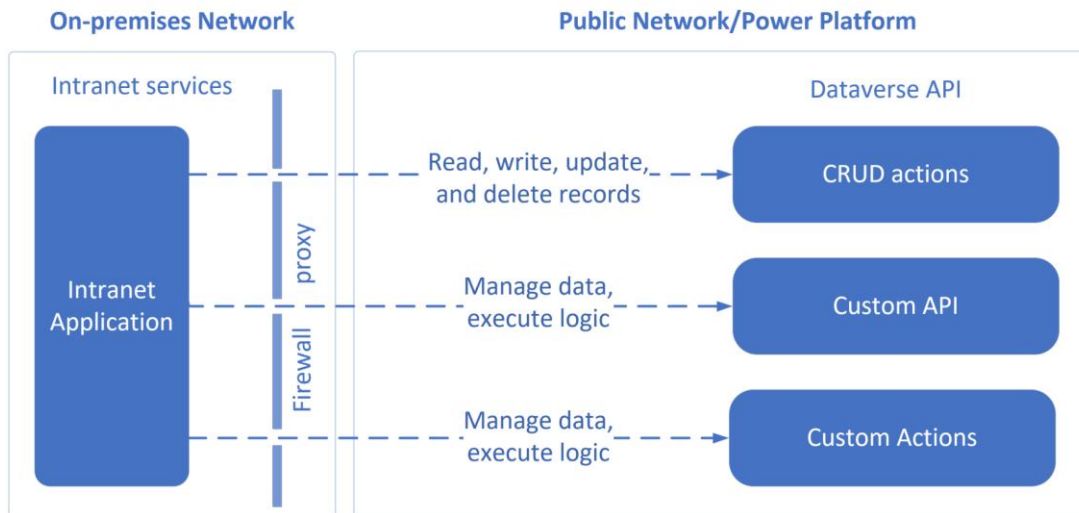
☒ **Based on entity**

For entities related to a specific Account, create a folder structure like "Accounts" folder.
Folder path: ../account/<account name>

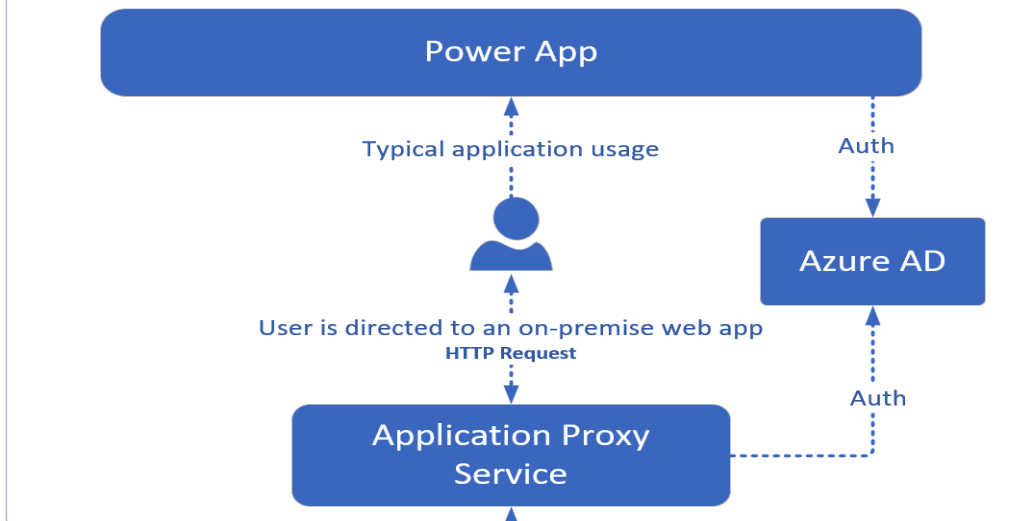
Account ▼

Account

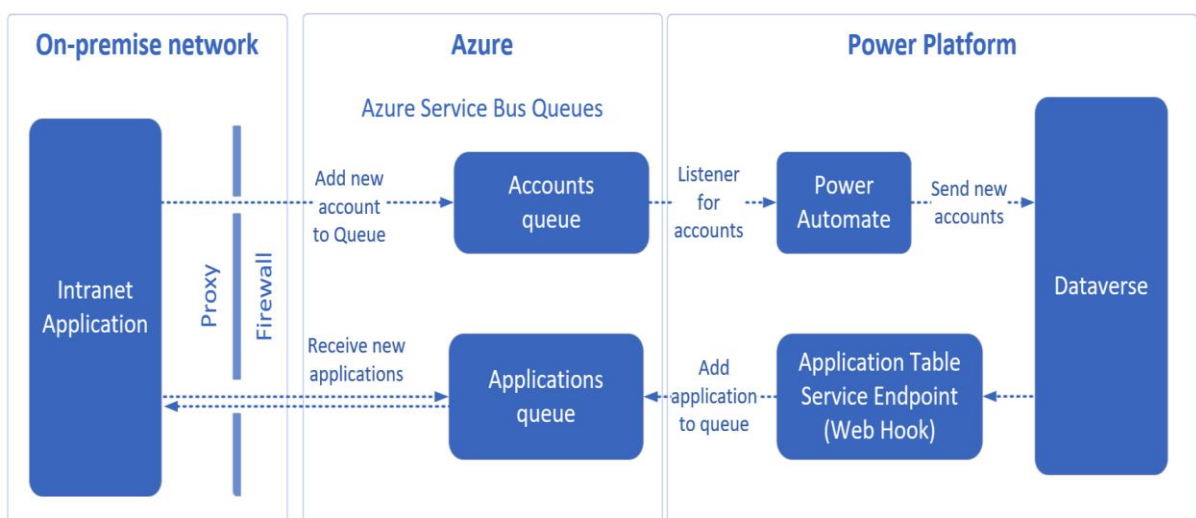
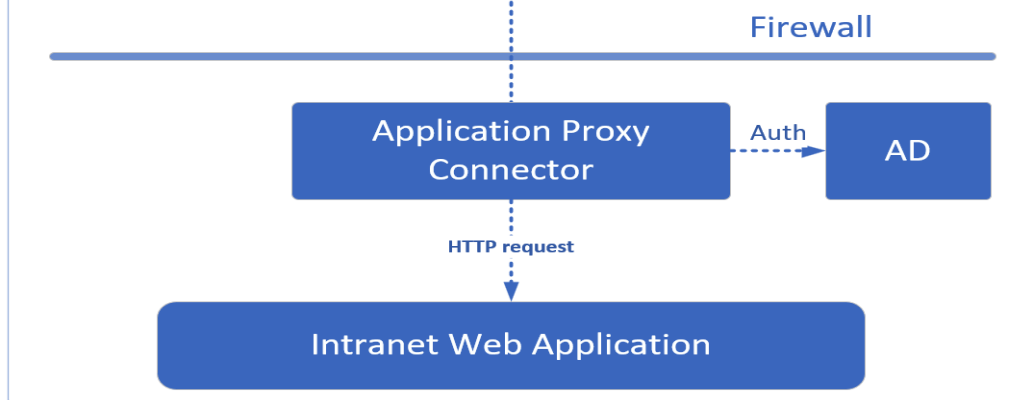
Contact

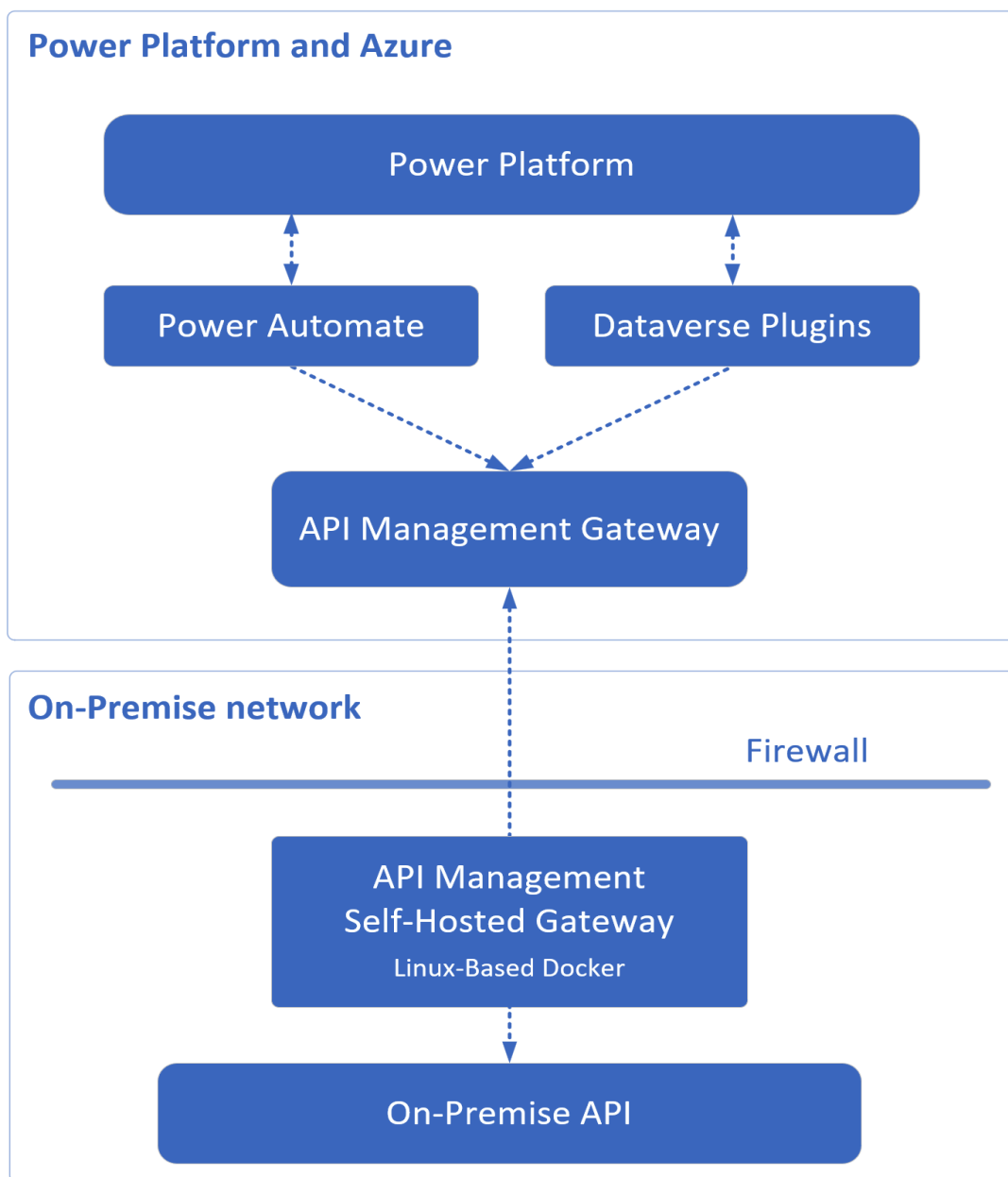
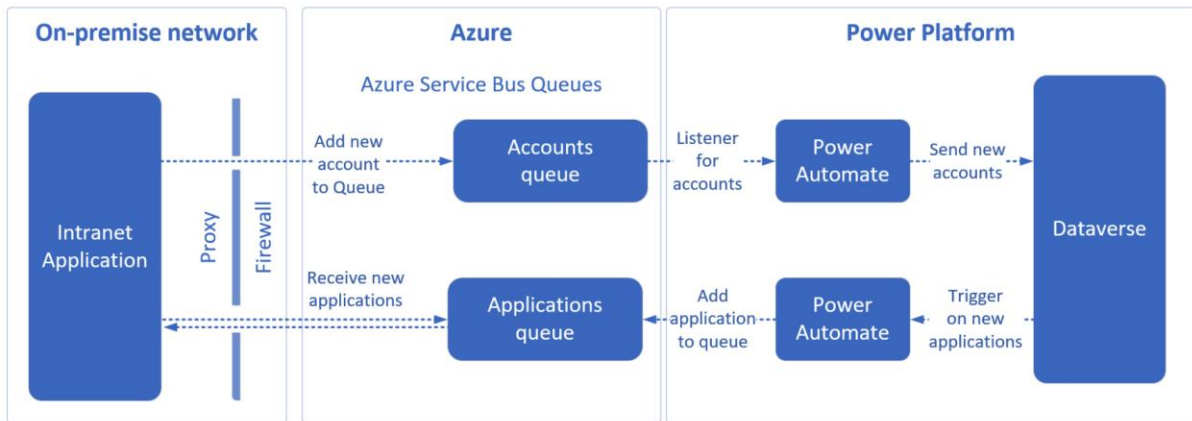


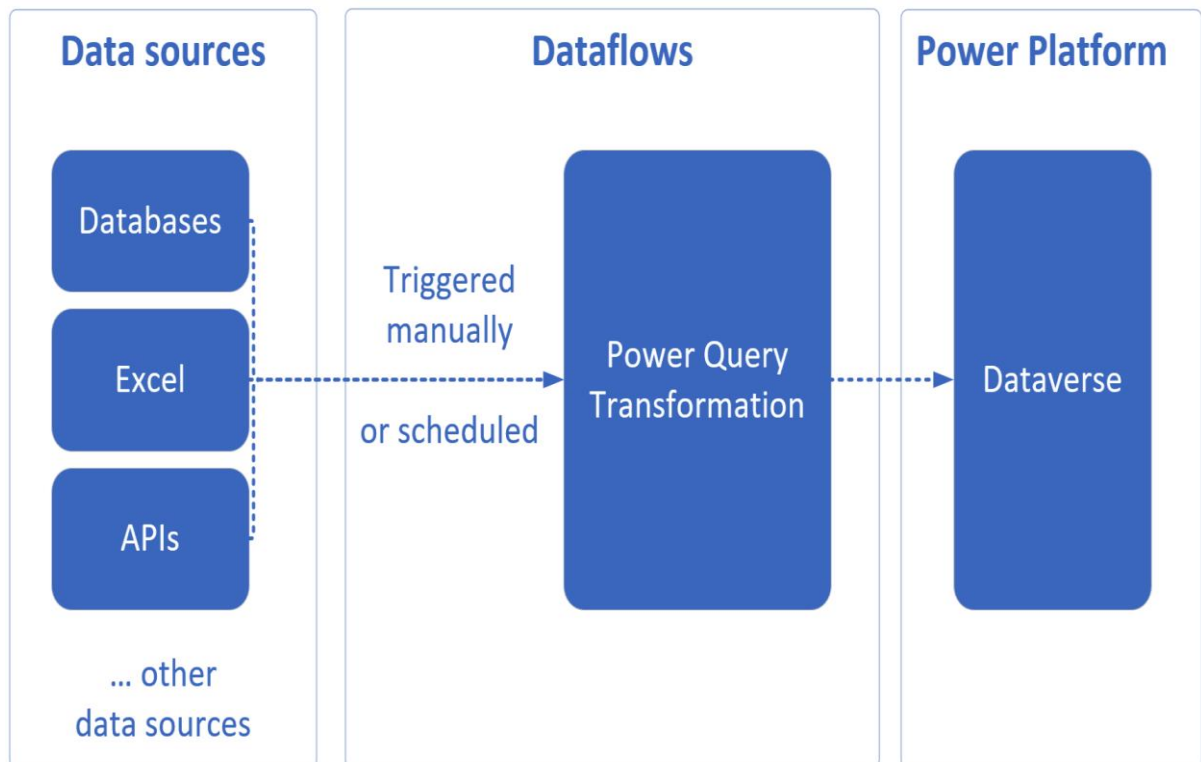
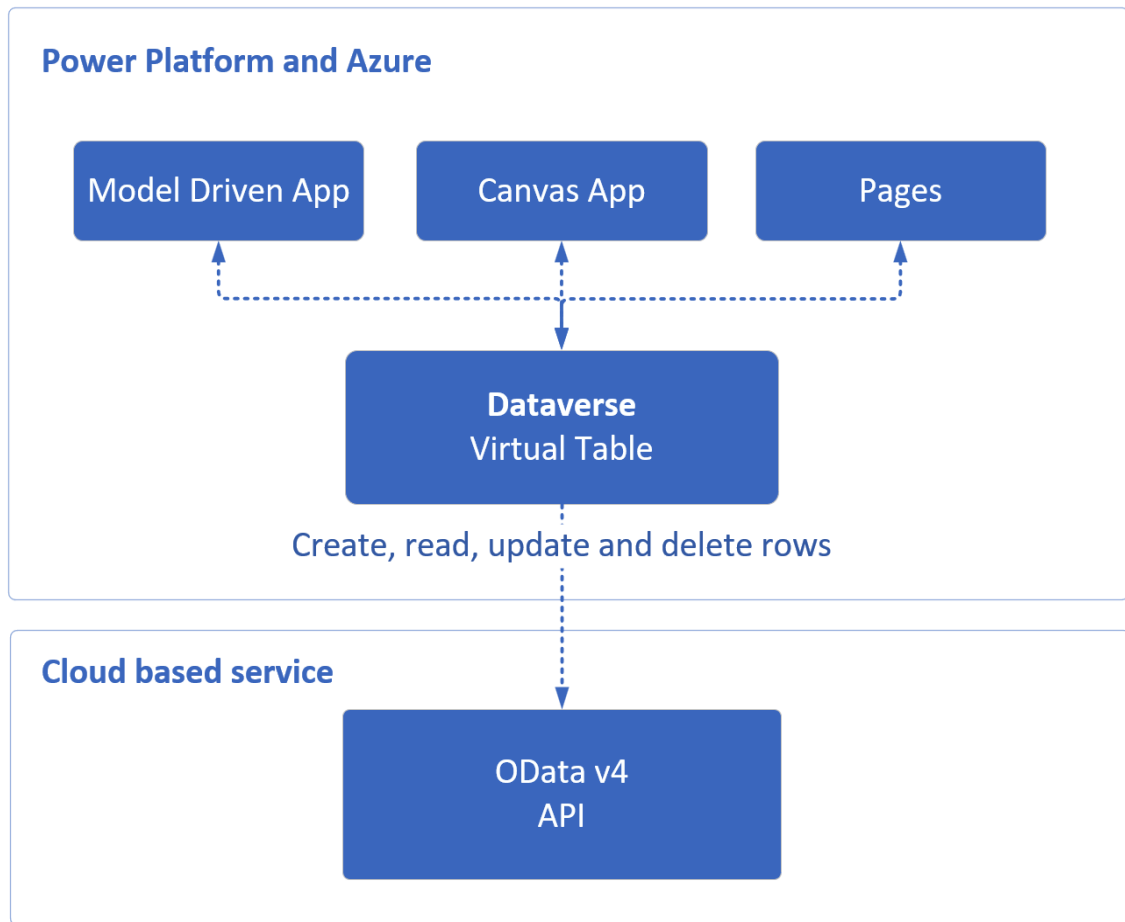
Power Platform and Azure

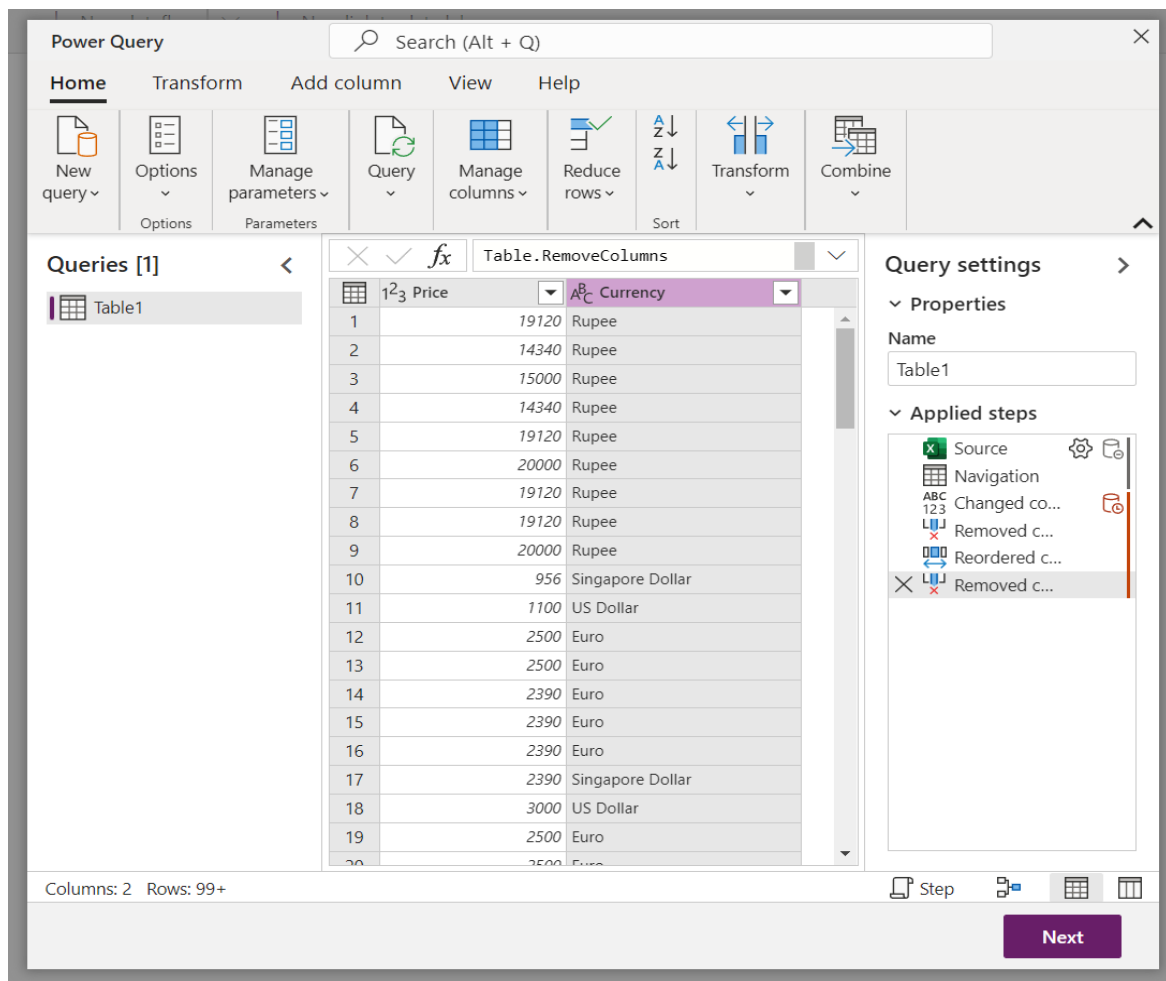
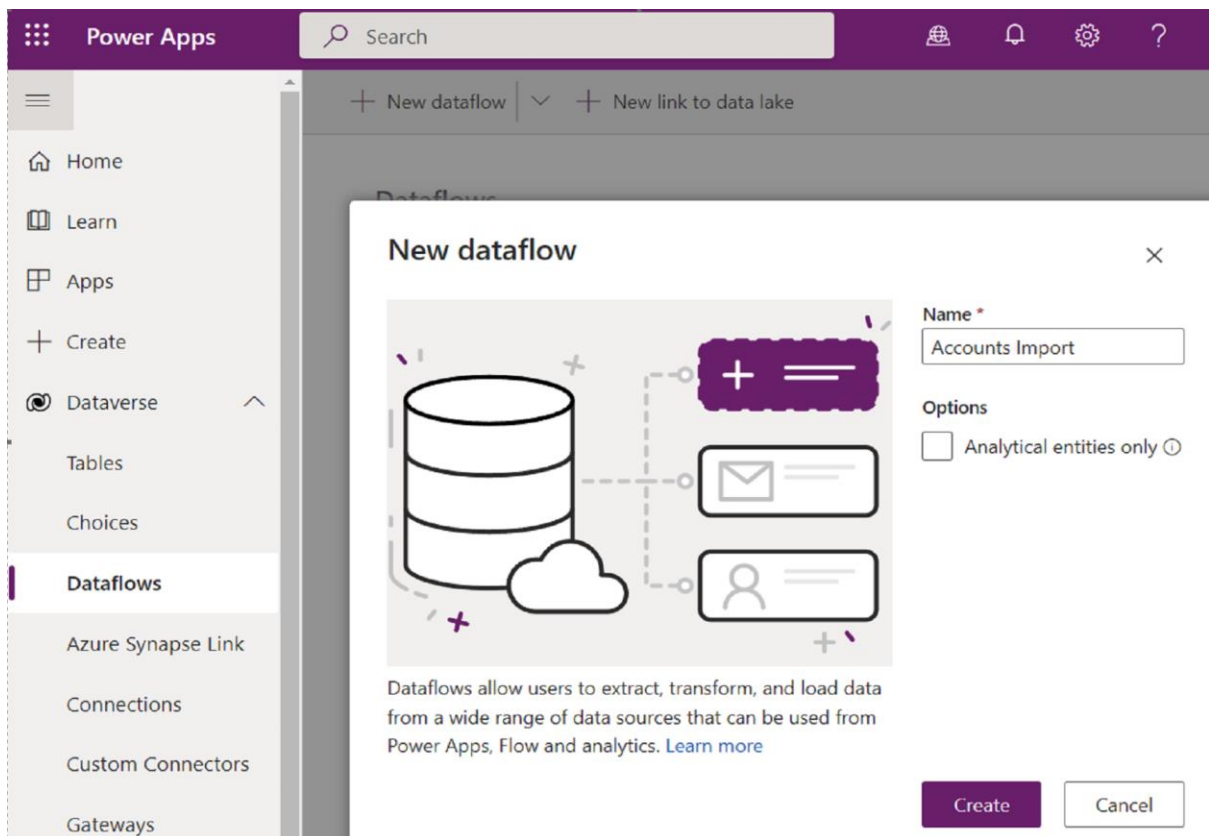


On-Premise Network









Refresh settings

☐ Refresh manually

☒ Refresh automatically

☒ Frequency-based refresh

Refresh every minutes

Start at UTC

☐ Refresh on specific days and times

☐ Send refresh failure notification to

minutes

hours

days

weeks

months

Microsoft Azure

Search resources, services, and docs (G+)

Home > Inversa Corps

Inversa Corps | App registrations

Azure Active Directory

Overview

Preview features

Diagnose and solve problems

Manage

Users

Groups

External Identities

Roles and administrators

Administrative units

Enterprise applications

Devices

App registrations

+ New registration

Endpoints

Troubleshooting

Refresh

Download

All applications

Owned applications

Deleted applications

Start typing a display name or application (client) ID to filter thes...

Add filters

1 applications found

Display name	Application (client) ID	Created on	Certificates & secrets
CA Client Application User	03436185-7da4-4b6e-...	4/29/2022	-

Home > InversaCorpsKeyvault > InversaCorpsKeyvault

InversaCorpsKeyvault | Secrets

...

Key vault

Search (Ctrl+ /)

<<

+

Generate/Import

↺

Refresh

↶

Restore Backup

🔑

Manage deleted secrets

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Events

Settings

Keys

Secrets

The secret 'InversaCorpsClient' has been successfully created.

Name	Type	Status	Expiration date
InversaCorpsClient	1231312312312	✓ Enabled	

InversaCorpsKeyvault | Access policies

...

Key vault

Search (Ctrl+ /)

<<

💾

Save

✕

Discard

↺

Refresh

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Events

Settings

Keys

Secrets

Certificates

Access policies

Networking

Security

Properties

Locks

Monitoring

Alerts

Metrics

Please click the 'Save' button to commit your changes.

Enable Access to:

☐

Azure Virtual Machines for deployment ⓘ

☐

Azure Resource Manager for template deployment ⓘ

☐

Azure Disk Encryption for volume encryption ⓘ

Permission model

●

Vault access policy

○

Azure role-based access control

+ Add Access Policy

Current Access Policies

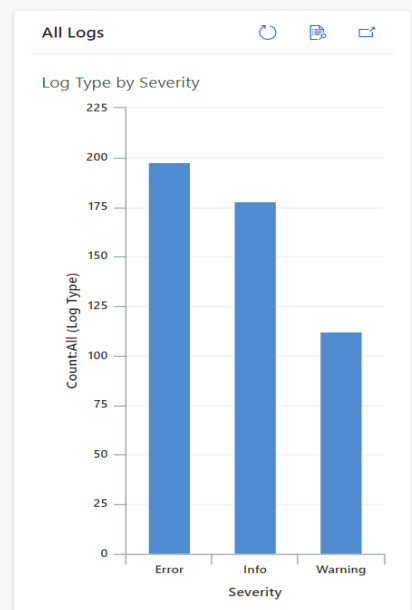
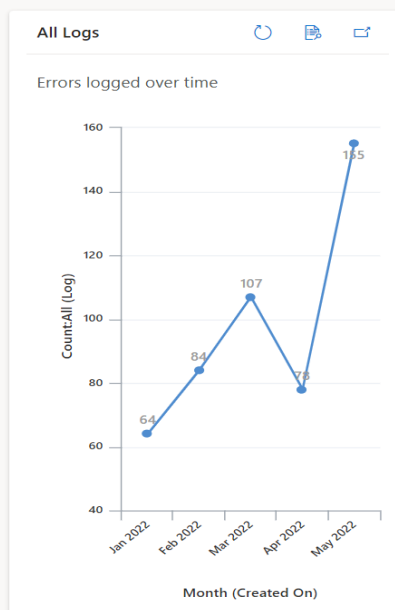
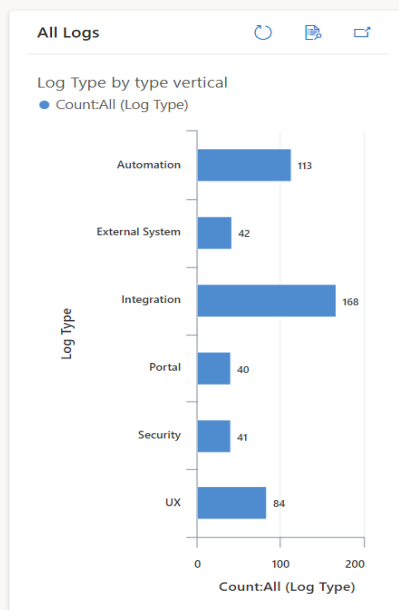
Name	Email	Key Permissions	Secret Permissions	Certificate
USER				
<div><div><div></div></div></div> Power Platform Integ...	powerplatformintegr...	0 selected ▾	2 selected ▾	0 selected
				<div><div><input type="checkbox"/> Select all</div></div>
				<div><div>Secret Management Operations</div><div><div><div>✓</div>Get</div><div><div>✓</div>List</div></div></div>

Active Logs ▼



<input type="radio"/>	Log Type ▼	Severity ▼	Process ▼	Messages ▼	Request ▼	Response ▼	Status ▼
	Integration	Info	SAP Integration	Connectivity restor...	{ "id": "123...	{ "result": ...	Pending
	Integration	Error	SAP Integration	Invoice is required	{ "id": "123...	{ "result": ...	Pending
	Automation	Warning	Onboarding Proce...	Unable to complet...	{ "id": "456...	{ "result": ...	Pending
	Automation	Error	Onboarding Proce...	The Flow failed wit...			Pending
	Integration	Error	Website Integration	API not responding	{ "comman...	{ "result": ...	Pending
	External System	Info	Inbound Products	Catalog updated			Pending
	UX	Error	Application Form	User experienced ...			Pending
	Automation	Error	Onboarding Proce...	The Flow failed wit...	request	Response	Pending

Power Platform Monitor ▼



Logs Pending Review ▼ ⋮

SI	SAP Integration Integration Info	⋮
SI	SAP Integration Integration Error	⋮
OP	Onboarding Process Automation Error	⋮
SI	Website Integration	⋮

All Logs ▼ + New ⋮

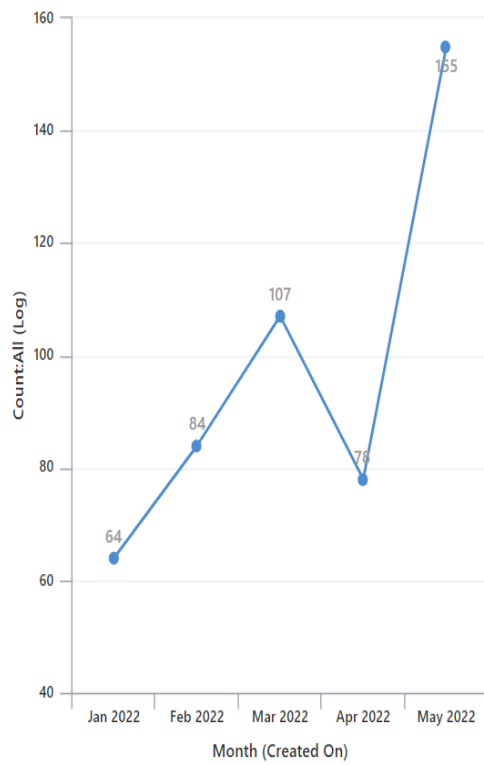
Search this view 🔍

<input checked="" type="checkbox"/>	Log Type ▼	Severity ▼	Process ▼	Messages ▼	Requ
	Integration	Info	SAP Integration	Connectivity restor...	{ "id"
	Integration	Error	SAP Integration	Invoice is required	{ "id"
	Automation	Warning	Onboarding Process	Unable to complet...	{ "id"
	Automation	Error	Onboarding Process	The Flow failed wit...	---

All Logs



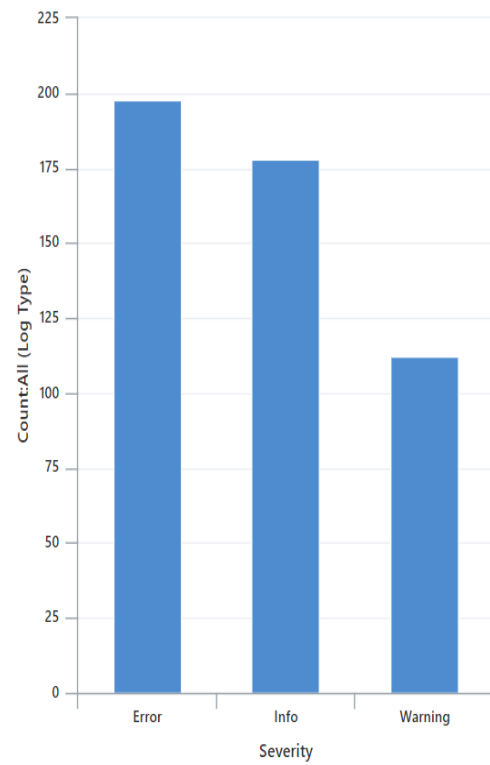
Errors logged over time



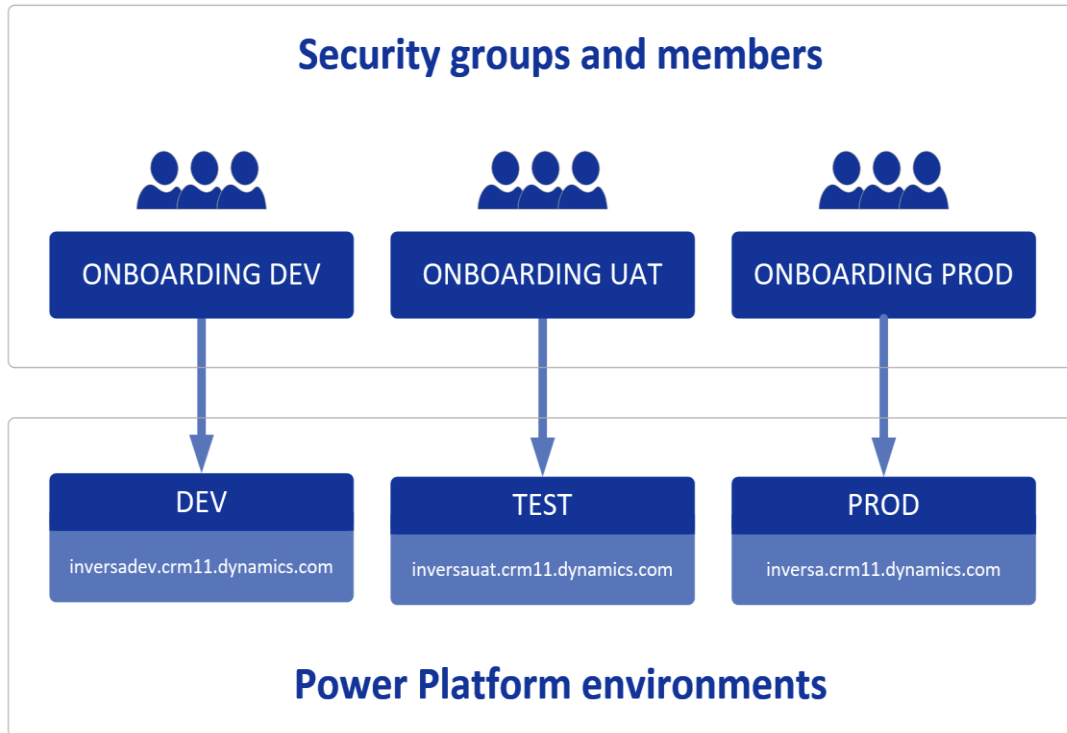
All Logs



Log Type by Severity



Chapter 11: Defining Power Platform Security Concepts



Power Platform admin center

865.45px × 970.18

Edit details
Onboarding UAT

Open Settings Resources

Environments > Onboarding UAT

Details

Environment URL
inversacorpsbookprod.crm11.dynamics.co

State
Ready

Region
United Kingdom

Refresh cadence
Not specified

Type
Sandbox

Security group
Power Platform Onboarding UAT Access

Organization ID

Environment ID

Name *
Onboarding UAT

URL *
inversacorpsbookprod
crm11.dynamics.com

Type
Sandbox

Refresh cadence
Choose environment refresh cadence

Purpose
Describe the environment's purpose

Security group
Power Platform Onboarding UAT



Microsoft Flow

Flow suspended due to violation of Data Loss Prevention policy.

Your flow has been suspended because it is in violation of Data Loss Prevention policies configured by your tenant or environment administrator.

Power Platform admin center

Home

Environments

Analytics

Resources

Help + support

Data integration

Data (preview)

Policies

Data policies

+ New Policy

Data policies

Create and manage connector policies to protect data within your org (tenant). [Learn more](#)

Name	Scope	Applied to
Power Platform Tenant DLP	Org (tenant)	All environments

Home

Environments

Analytics

▼

Resources

▼

Help + support

Data integration

Data (preview)

Policies

^

Data policies

Tenant isolation (preview)

Customer Lockbox (preview)

Billing policies

Admin centers

▼

DLP Policies > New Policy

✓

Policy name

●

Prebuilt connectors

○

Custom connectors

○

Scope

○

Review

Set default group

Assign connectors ⓘ

Business (0)

Non-business (713) | Default

Blocked (0)

Connectors for non-sensitive data. Connectors in this group can't share data with connectors in other groups. Unassigned connectors will show up here by default.

Name ▼

SharePoint

OneDrive for Business

Dynamics 365 (deprecated)

Salesforce

OneDrive

Define scope

Choose the environments to add to this policy. [Learn more](#)

I want to:

☒ Add all environments ⓘ

☐ Add multiple environments

☐ Exclude certain environments

Power Platform admin center

Home

Environments

Analytics

Resources

Help + support

Data integration

Data (preview)

Policies

Admin centers

+ Add user

Refresh

Manage users in Dynamics 365

Environments > Onboarding UAT > Settings > Users

Manage users so they can access data within their environment. This

Looking for application users? Click here to go to the [app users list](#)

To validate user permissions for specific app(s), go to [app access checker](#).

Name ↓
William Contoso
Veronica Quek
Spencer Low
OnDynamics Admin
Natalia Jensen
Molly Clark

Inversa Corps | App registrations

Azure Active Directory

Diagnose and solve problems

Manage

Users

Groups

External Identities

Roles and administrators

Administrative units

Enterprise applications

Devices

App registrations

+ New registration

Endpoints

All applications

Owned applications

Start typing a display name or applicati

1 applications found

Display name ↑↓	Appli
CA Client Application User	03436

Home

Environments

Analytics

Resources

Help + support

Data integration

+ New app user

Search

... > Onboarding UAT > Settings > **Application users**

Manage the non-interactive users in this environment so your apps can

	Name ↑		App ID
	# Client Application User	⋮	0343618
	Microsoft Forms Pro	⋮	19dd5b3
	Omnichannel AppUser_	⋮	18cc9627

Membership type *

Members and guests

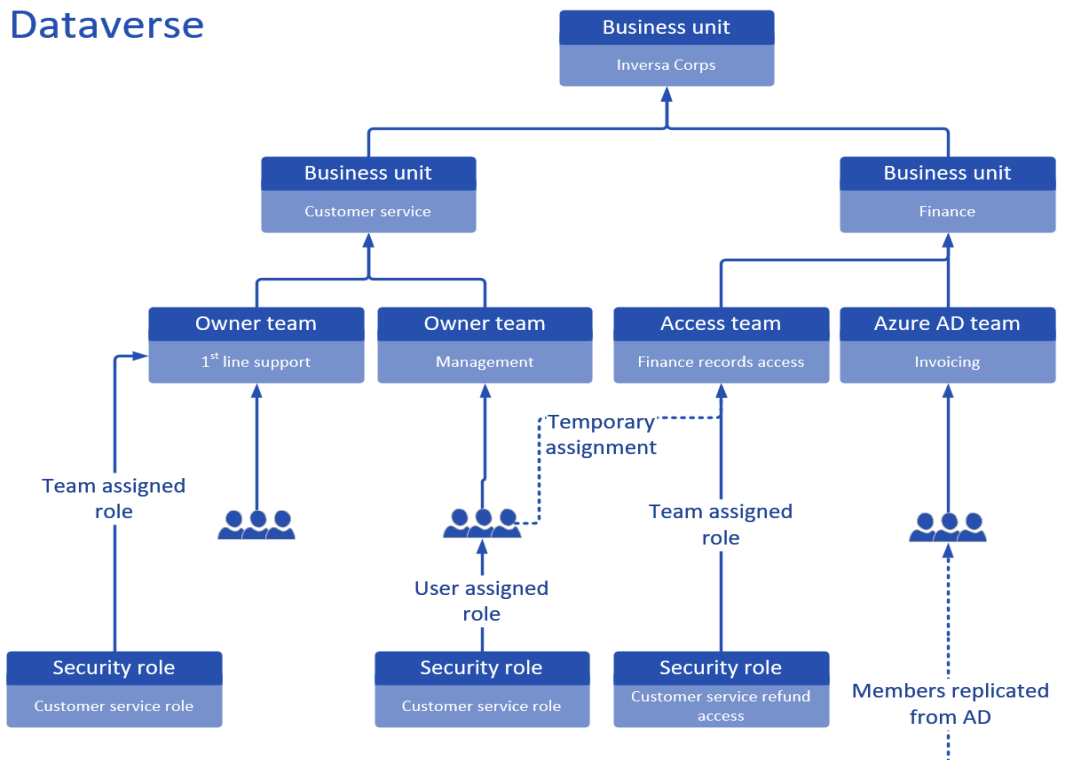
Members and guests

Members

Owners

Guests

Dataverse



Azure AD Microsoft 365

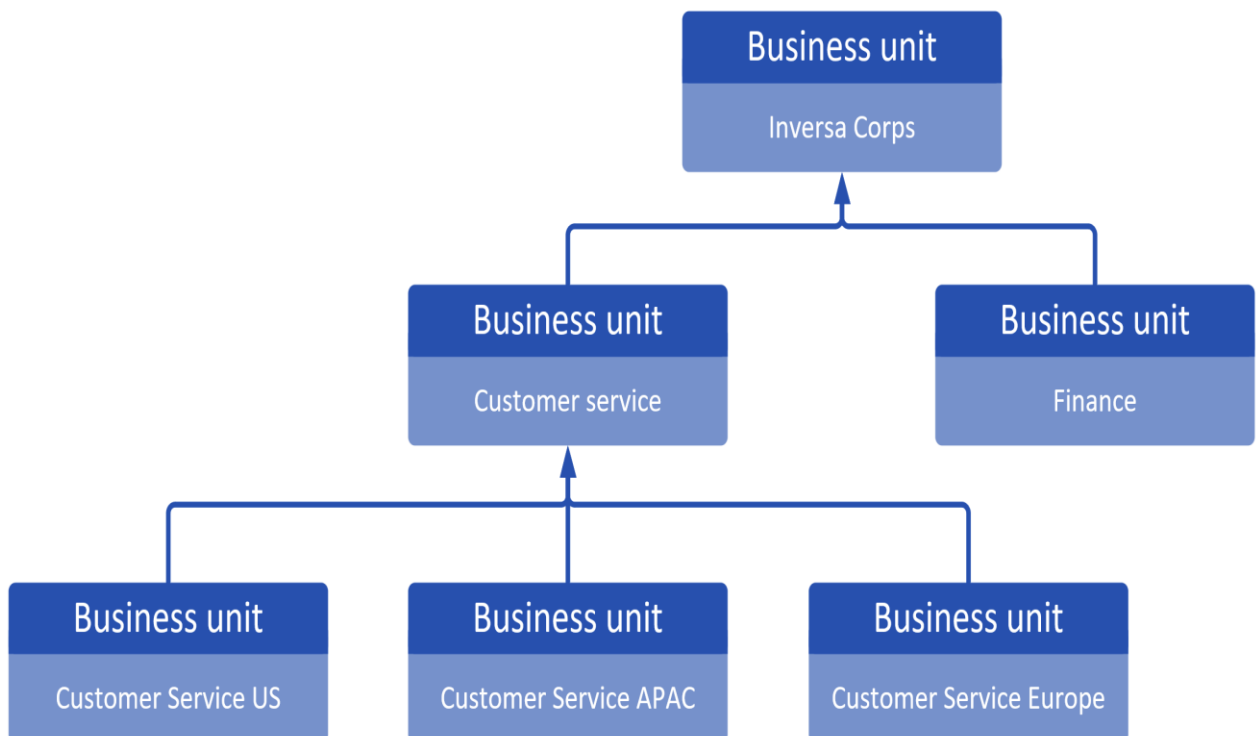








Table	Create	Read	Write	Delete	Append	Append To	Assign	Share
Article								
Article Template								
Bookable Resource								

 None Selected

 User

 Business Unit

 Parent: Child Business Units

 Organization

Security Role: New Security Role

Details Core Records Marketing Sales Service Business Management Service Manage

Role Name*

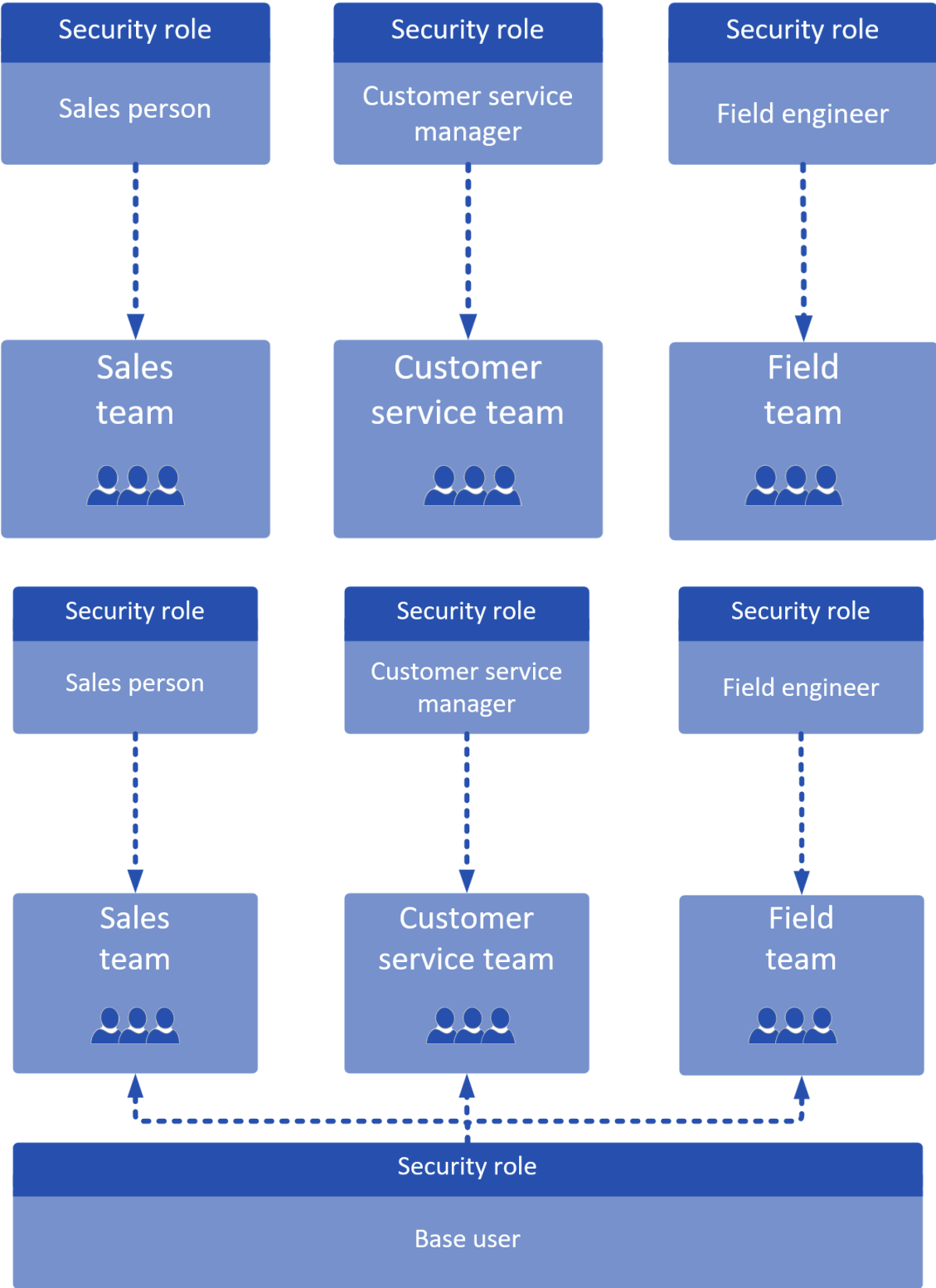
When role is assigned to a team

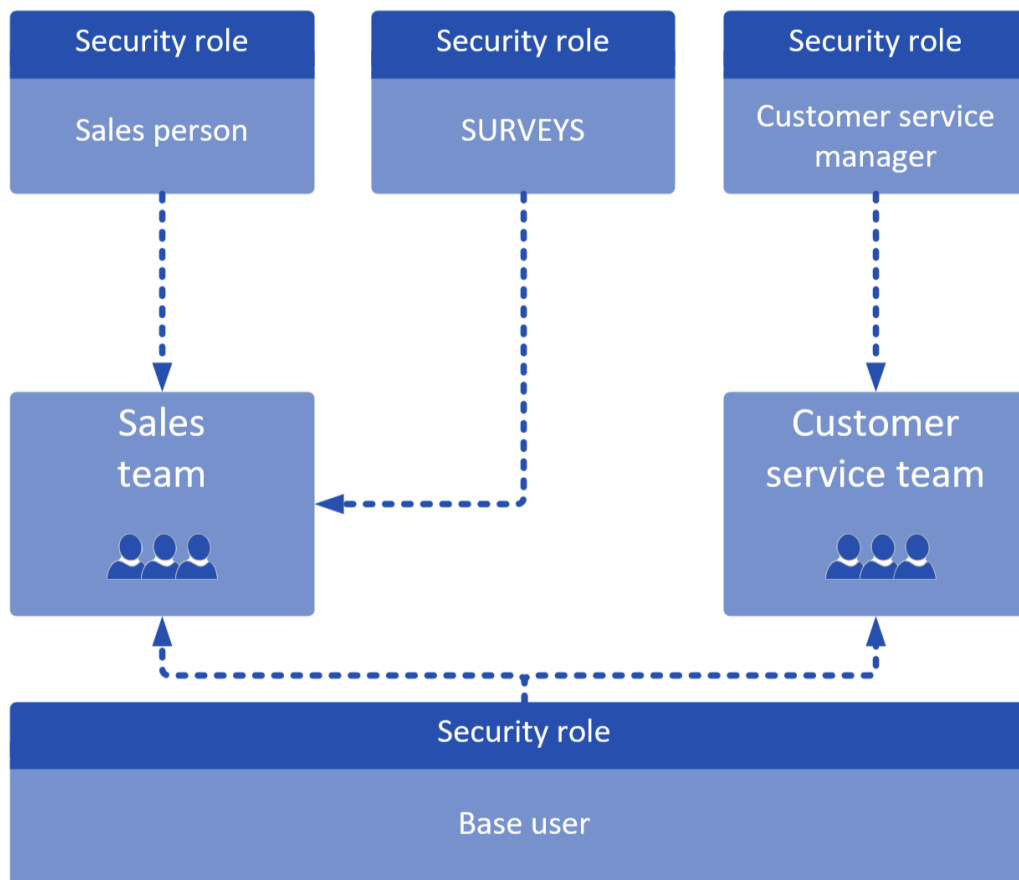
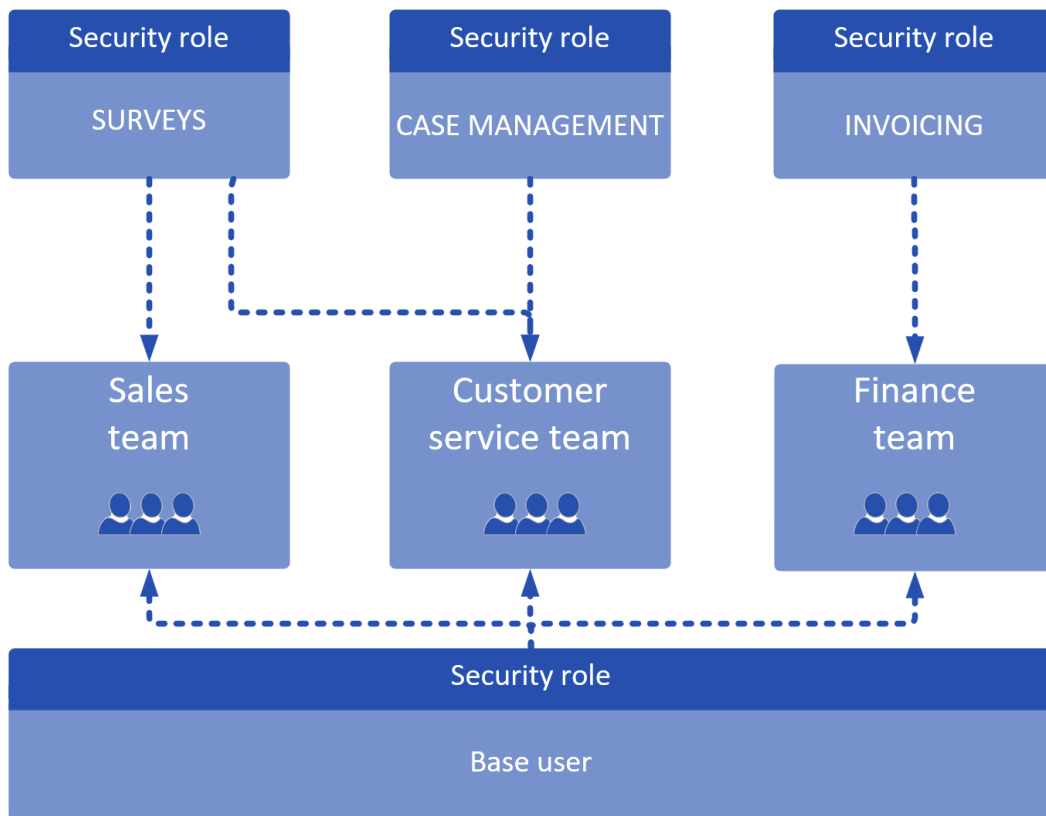
Team member gets all team privileges by default.

Team members can inherit team privileges directly based on access level. [Learn More](#)

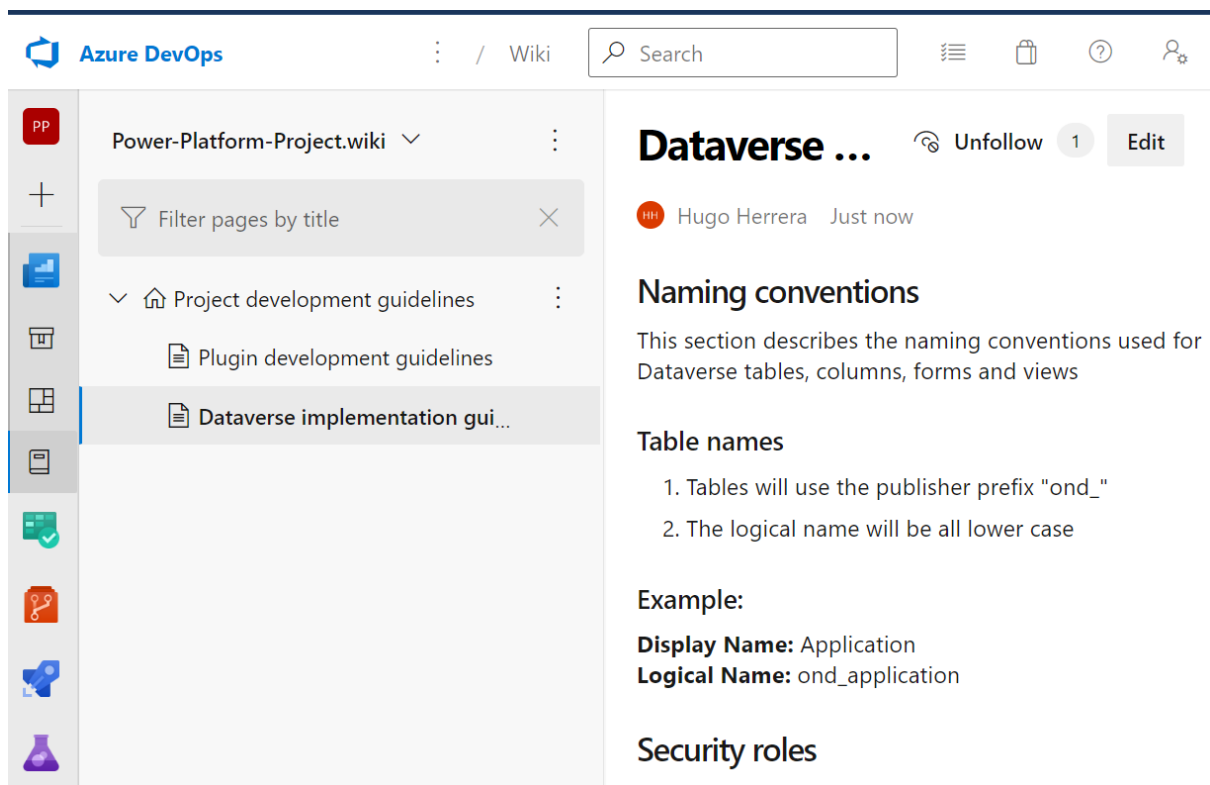
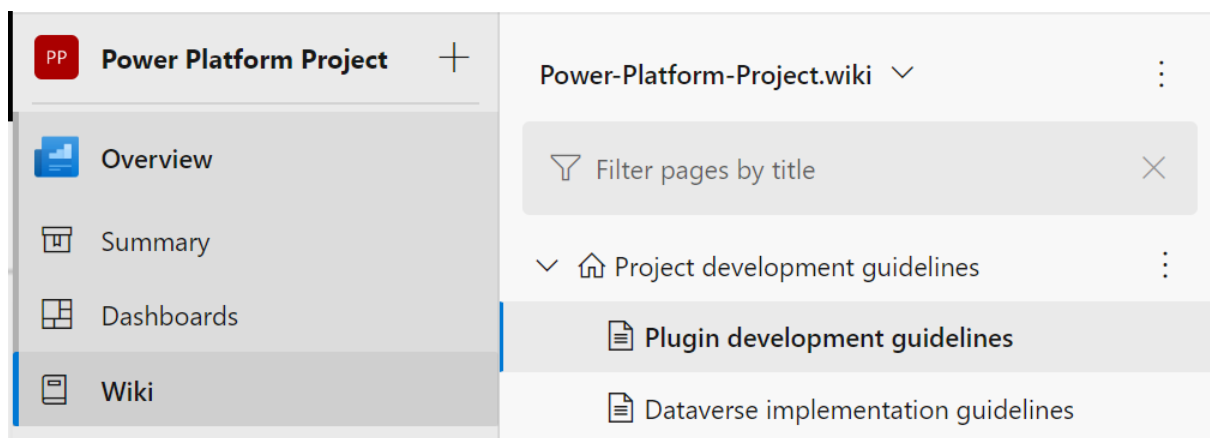
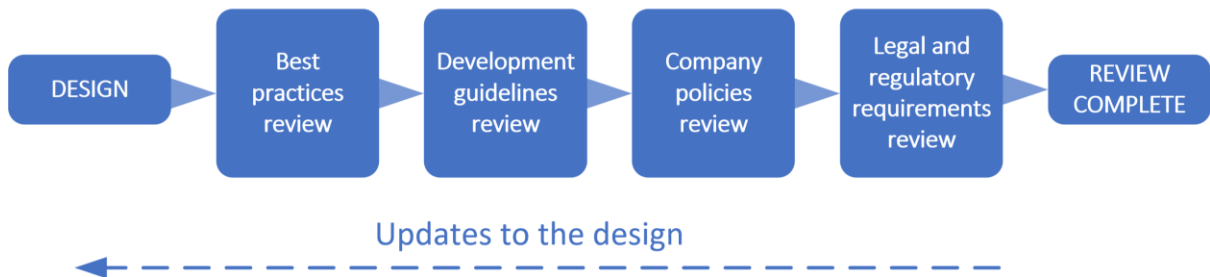
Member's privilege inheritance

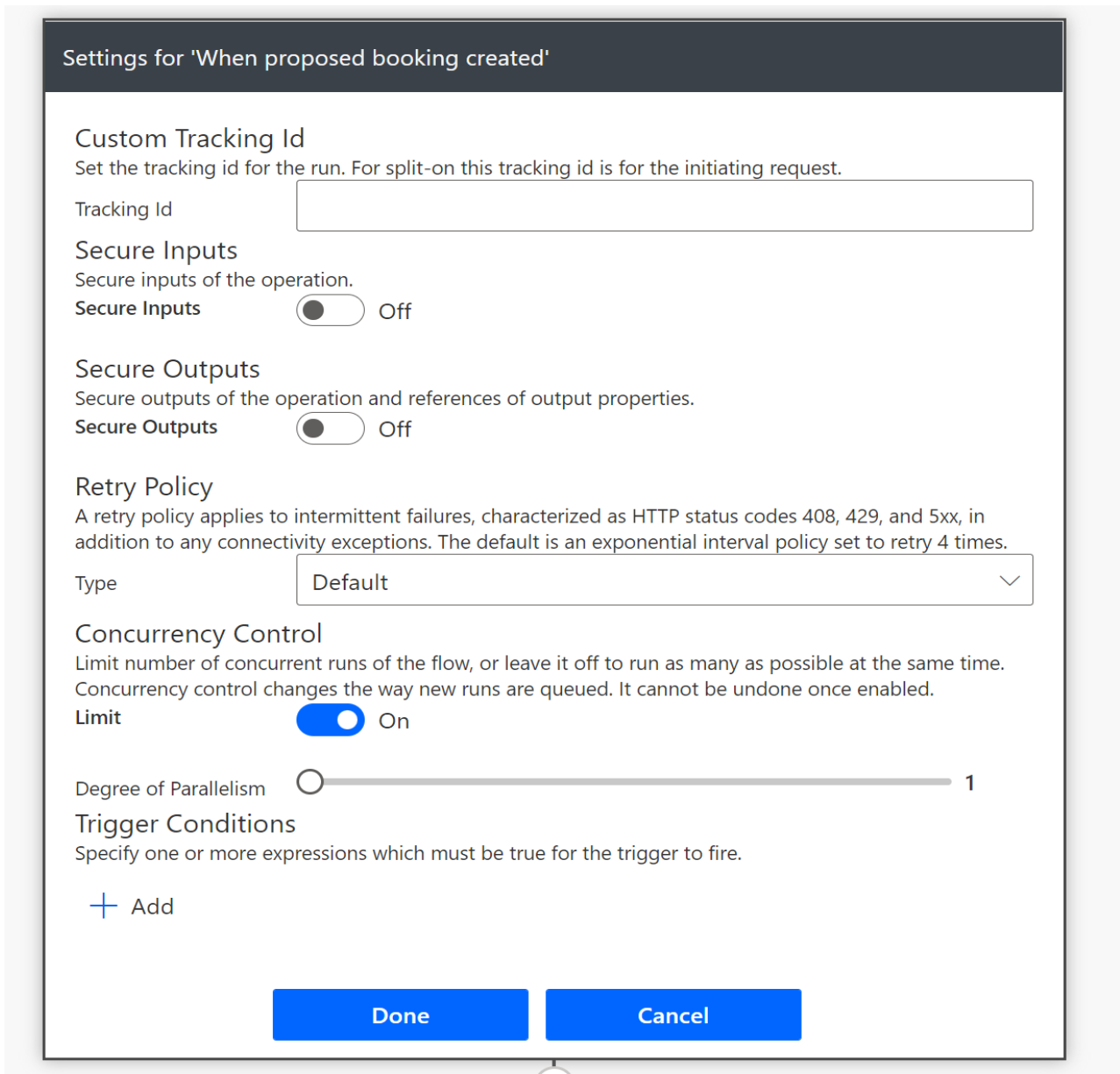
- Team privileges only
- Direct User (Basic) access level and Team privileges



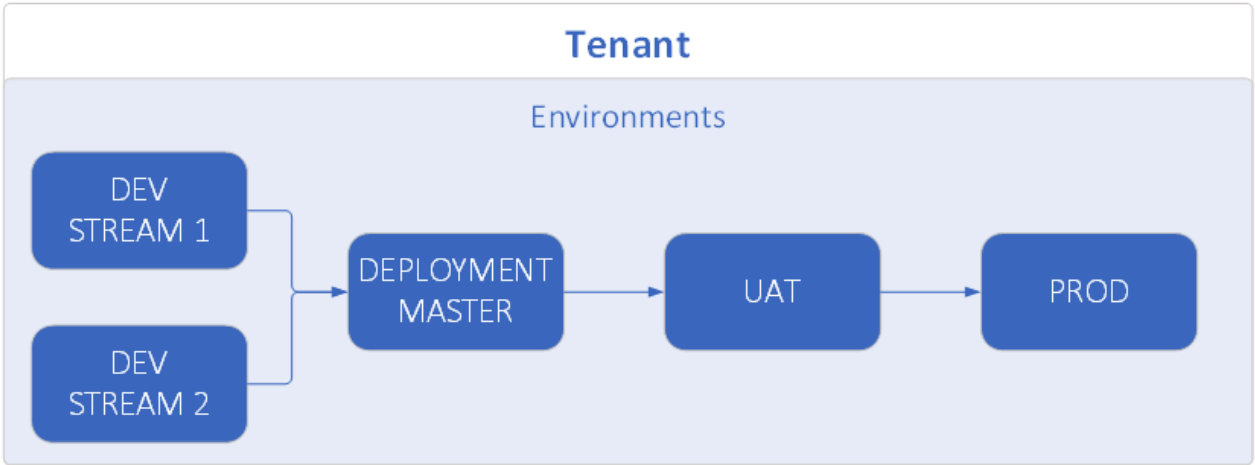
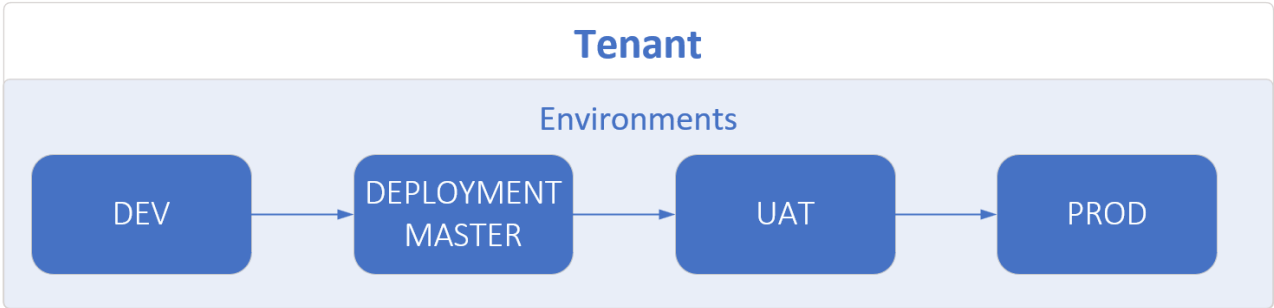
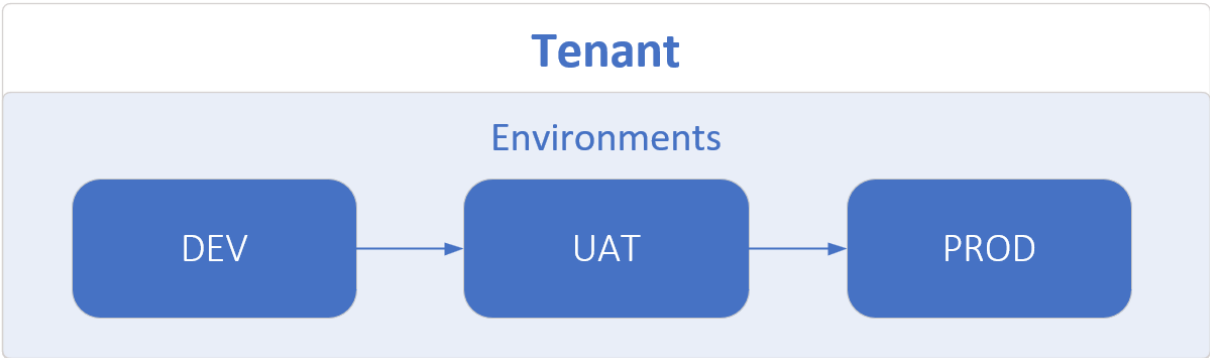


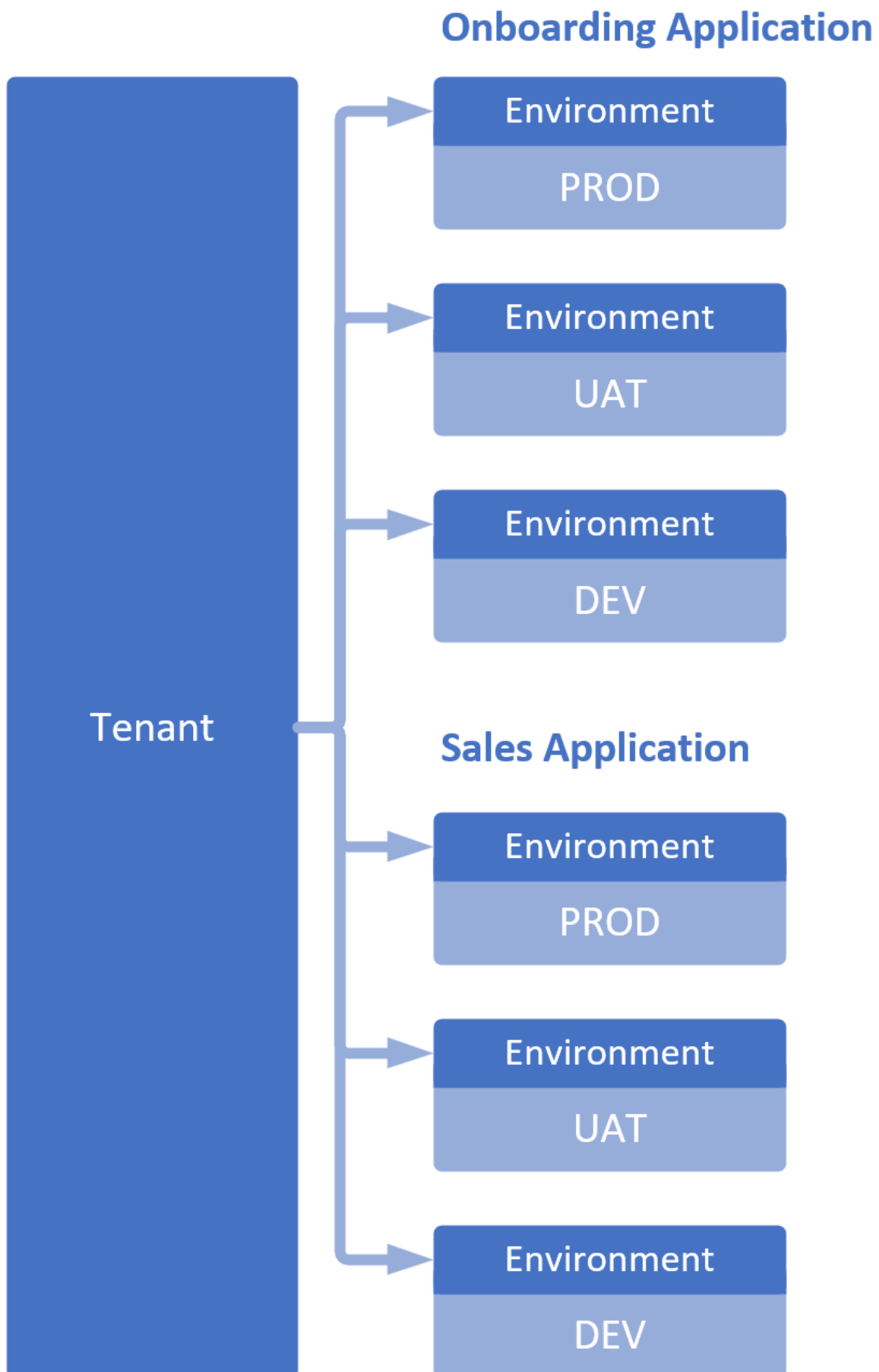
Chapter 12: Validating the Solution Design and Implementation

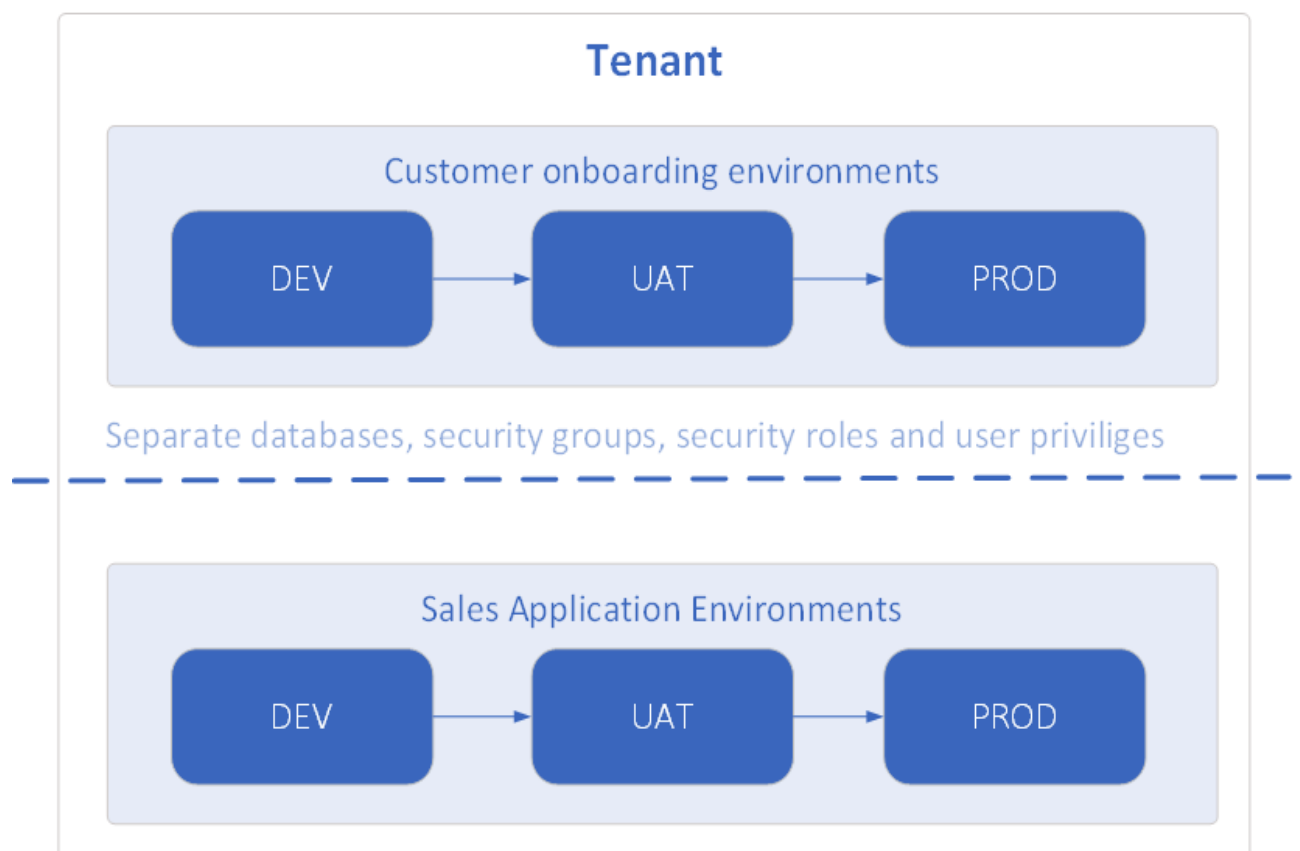
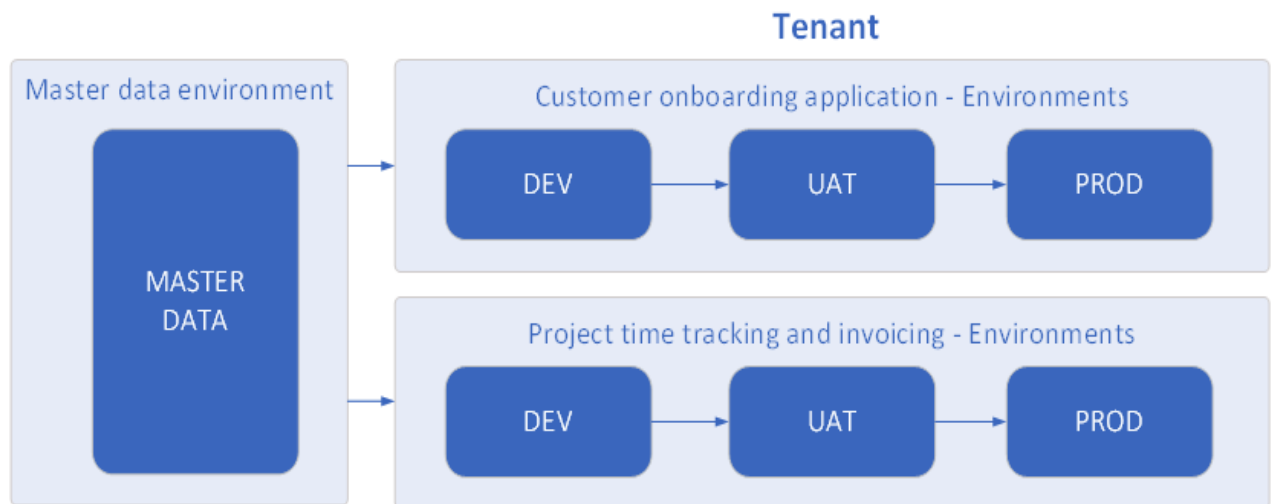




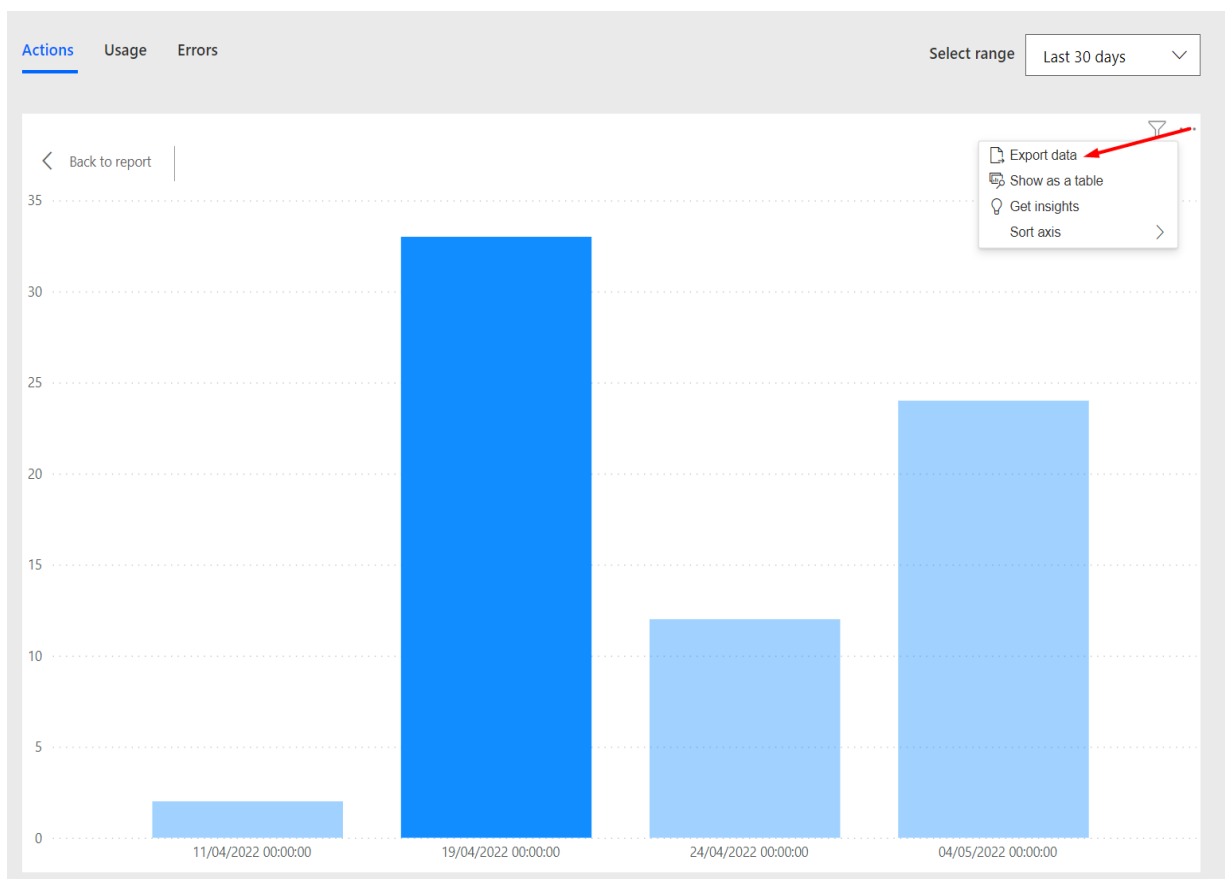
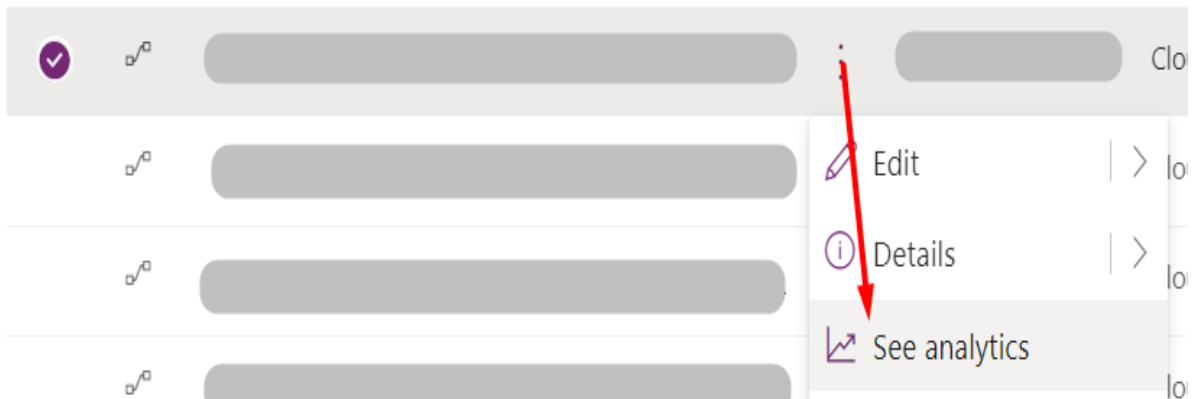
Power Platform admin center				
<div> <div> <div></div> <div>Home</div> </div> <div> <div>Environments</div> <div>Analytics</div> <div>Resources</div> <div>Help + support</div> <div>Data integration</div> <div>Data (preview)</div> <div>Policies</div> <div>Admin centers</div> </div> </div> <div> <div>+ New</div> <div>Refresh</div> <div>Recover deleted environments</div> </div>				
Environments				
Environment		Type	State	Region
	...	Sandbox	Ready	United States
	...	Support	Running	United Kingdom
	...	Sandbox	Ready	United Kingdom
	...	Production	Ready	United Kingdom
	...	Sandbox	Ready	United Kingdom
	...	Default	Ready	United Kingdom







Chapter 14: Go-Live Strategies and Support



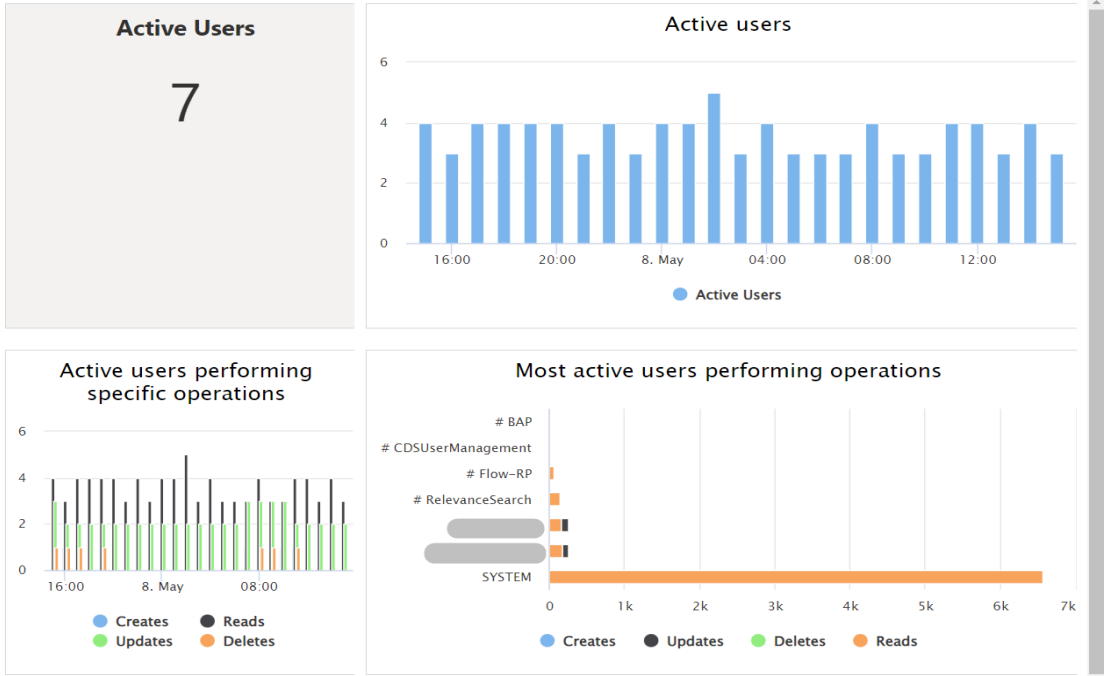
AggregationDateMakerDailyActions	Sum of BillableActionsMakerDailyActions
11/04/2022 00:00	2
19/04/2022 00:00	33
24/04/2022 00:00	12
04/05/2022 00:00	24

Dataverse analytics

[Learn more](#) · [Who can view these reports?](#)

[Home](#) [Active users](#) [Mode of access](#) [Entity usage](#) [System jobs](#) [Plug-ins](#) [API calls statistics](#) [Mailbox usage](#)

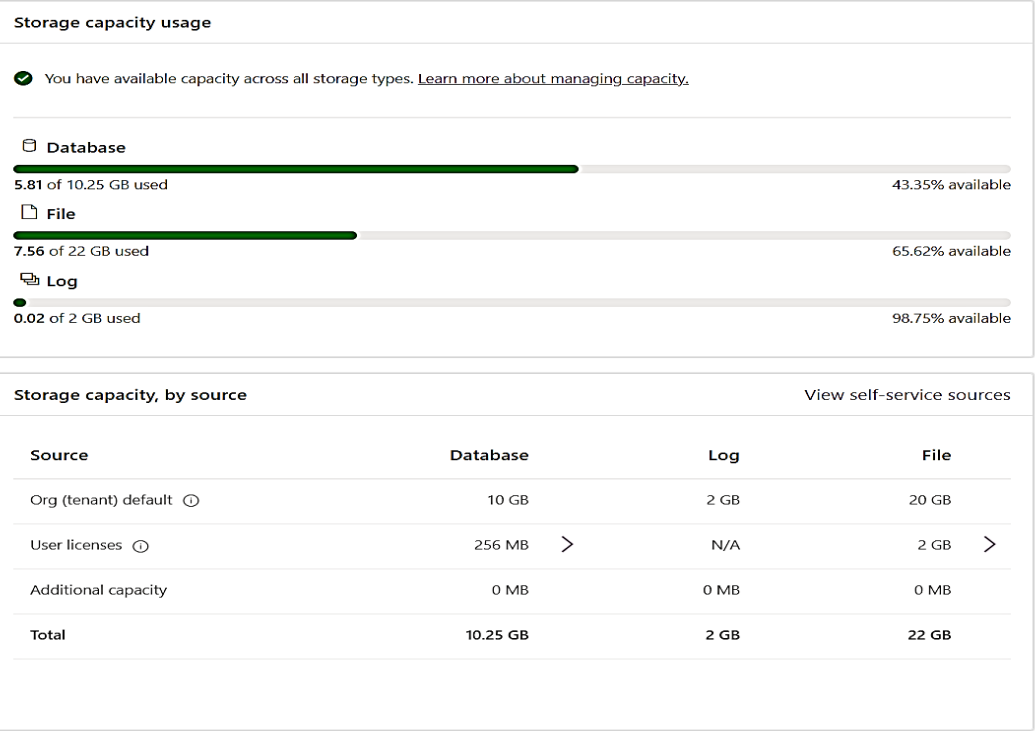
Showing data for from **5/7/2022 4:00 PM** to **5/8/2022 4:00 PM** [Change filters](#)



Capacity

[Summary](#) [Dataverse](#) [Microsoft Teams](#) [Add-ons](#) [Trial](#)

See where your org (tenant) is using storage, add-ons, and Microsoft Power Platform requests that could impact your capacity. [Learn more](#)



Power Apps

Home

Learn

Apps

Create

Data

Flows

Chatbots

AI Builder

Solutions

New solution

Edit

Delete

Export

Solution checker

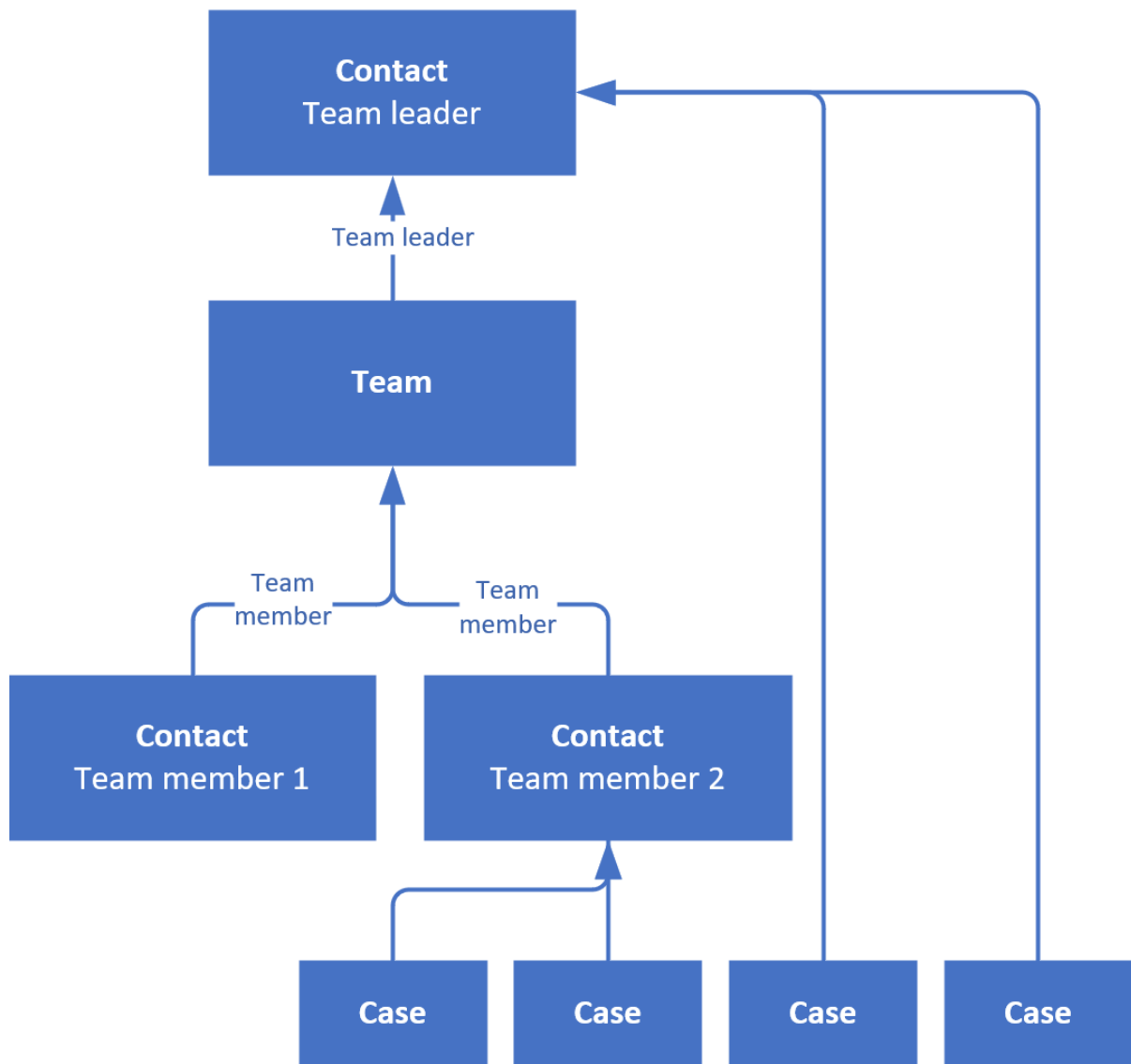
Show dependencies

Solutions

	Display name	Name	
✓		AllianzServicesTemp	...
			Edit
			Delete
			Export
			Solution checker
			Show dependencies
			See history
			Clone
			Apply upgrade
			Translations
			Settings

Chapter 15: Microsoft Certified: Power Platform Solution Architect Expert Certification Prep

Portal logged in user



Chapter 16: Microsoft Certified: Power Platform Solution Architect Expert Practice Exams

Power Platform Project Team

Backlog Analytics + New Work Item View as Board

Epics

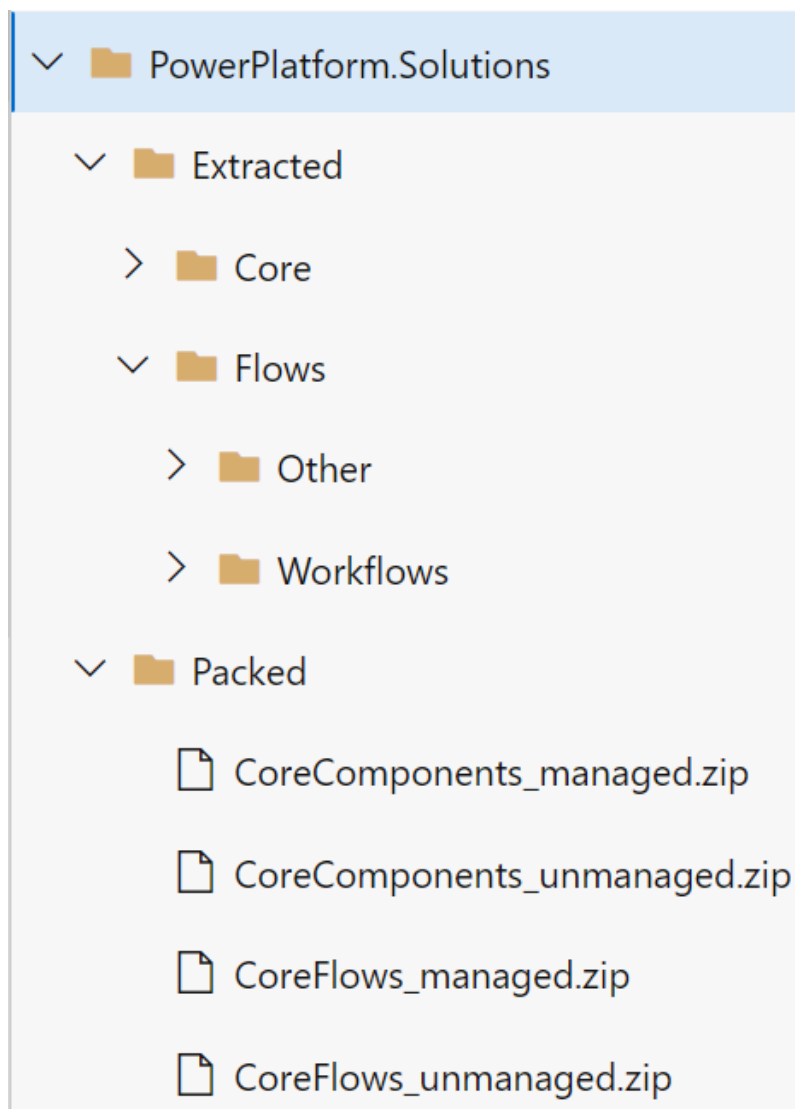
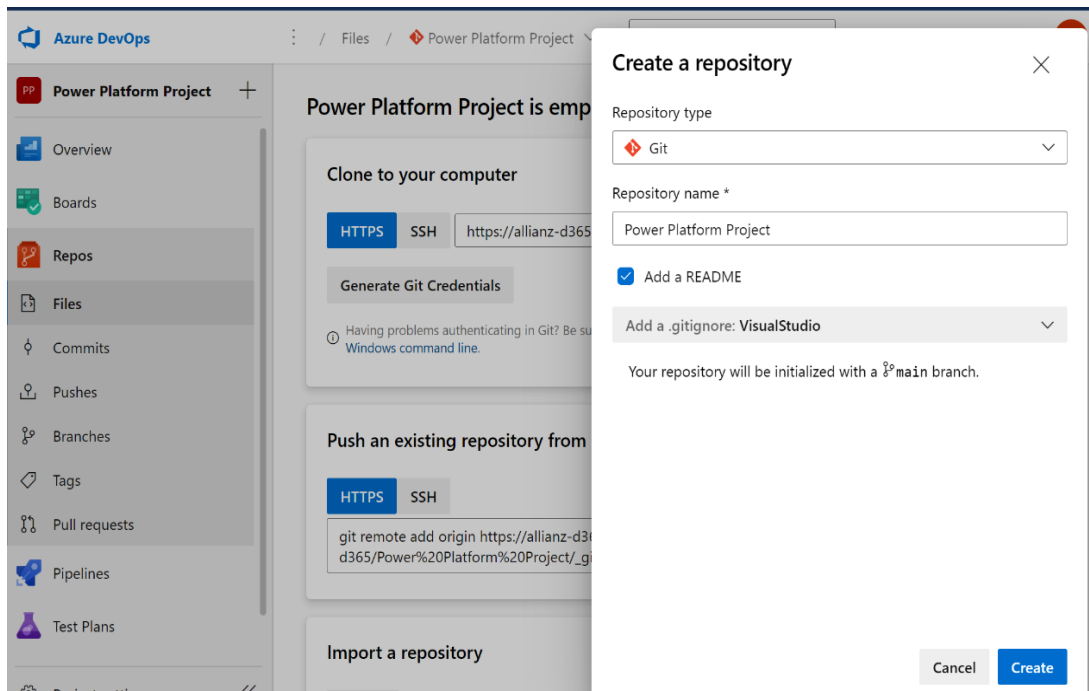
Order	ID	Title	State
+	1	001 - Consultant Self Service	To Do
	2	Page 010 - Login	Done
	3	Page 020 - Menu	Done
	4	Page 030 - My Availability	Done
	5	Page 040 - Create/Edit Time	Done
	6	Page 050 - My Pitches	Done
	7	Page 060 - Log New Pitch	Done
	8	Page 070 - Pitch Details	Done
	9	Page 080 - My Profile	Done
	10	Page 090 - Add Skill, Language, Cert	Done
	14	Page 100 - My Bookings	Doing
	15	Page 110 - Booking Details	Done
	11	Styling Nav Bar	Done
	12	Styling Everything Else	Doing
	18	List improvements - replace row dropdown with just an icon	Doing
2	13	002 - Main Application	To Do
	16	Quote form auto refresh	Done
	17	Close a quote as Won via the BPF instead of the "Close as Won" button	To Do

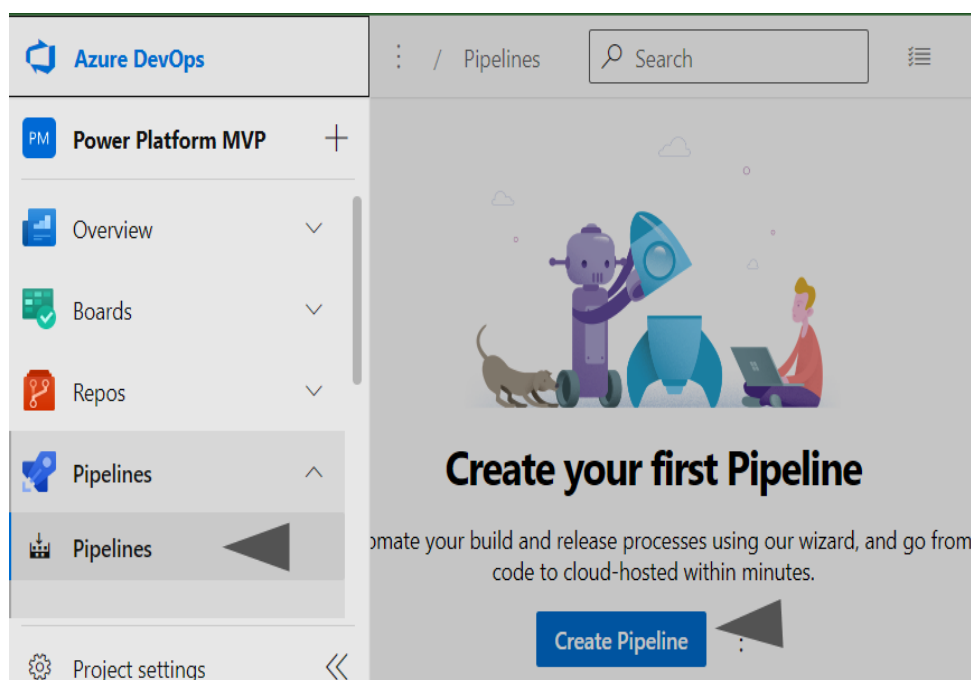
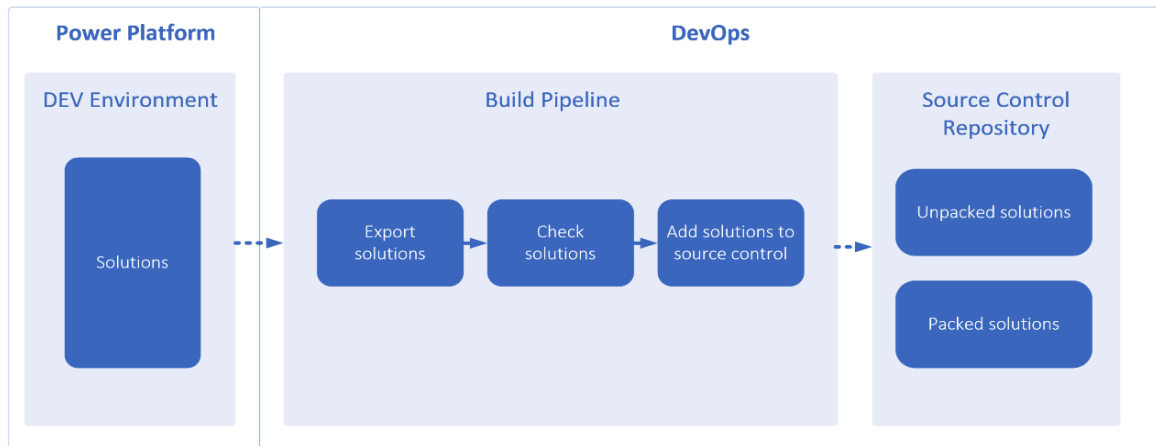
Version control ?

Git

✓ Git







Team Foundation Version Control











New pipeline

Where is your code?



-  **Azure Repos Git** YAML
Free private Git repositories, pull requests, and code search
-  **Bitbucket Cloud** YAML
Hosted by Atlassian
-  **GitHub** YAML
Home to the world's largest community of developers
-  **GitHub Enterprise Server** YAML
The self-hosted version of GitHub Enterprise
-  **Other Git**
Any generic Git repository
-  **Subversion**
Centralized version control by Apache

Use the [classic editor](#) to create a pipeline without YAML.



Select a source

 Azure Repos Git	 GitHub	 GitHub Enterprise Server	 Subversion
 Bitbucket Cloud	 Other Git		

Team project

 MV Power Platform 

Repository

 Power Platform 

Default branch for manual and scheduled builds

 main 

Continue

Select a template

Or start with an  Empty job



TasksVariablesTriggersOptionsHistory

Save & queueDiscard

Pipeline
Build pipeline

Get sources
Power Platformmain

Agent job 1
Run on agent

Add tasksRefresh

Power Platform Install

Power Platform Tool Installer
Power Platform Tool Installer

Add

TasksVariablesTriggersOptionsHistory

Save & queueDiscardSummaryQueue

Pipeline
Build pipeline

Get sources
Power Platform MVPdev

Extract Power Platform solutio...
Run on agent

Add tasksRefresh

Power Platform

Marketplace

Power Platform Build Tools (1.0.41)
Automate common build and deployment tasks related to Power Platform

Get it free

TasksVariablesTriggersOptionsHistory

Save & queueDiscardSummary

Pipeline
Build pipeline

Get sources
Power Platformdevops

Power Platform Agent
Run on agent

1. Install Power Platform Tool
Power Platform Tool Installer

Power Platform Tool Installer ⓘ

Task version0.*Link setting

Display name *
1. Install Power Platform Tool

☒ Use default versions ⓘ

TasksVariablesTriggersOptionsHistory

Save & queueDiscard

PipelineBuild pipeline

Get sourcesPower Platformdevops

Power Platform AgentRun on agent

1. Install Power Platform ToolPower Platform Tool Installer

2. Export Core Managed SolutionPower Platform Export Solution

Power Platform Export Solution

Task version0,*Link settings

Display name *2. Export Core Managed Solution

Authentication type *

Username/password (no MFA support)

Service Principal/client secret (supports MFA)

Service connection *DEV EnvironmentManageNew

Solution Name *AllianzServicesCoreComponents

Solution Output File *PowerPlatform.Solutions/Packed/Core Components_managed.zip

Export as Managed Solution

Export solution as asynchronous operation

Service connection * | Manage

New

New service connection



Server URL

Authentication

Tenant ID

Application ID

Client secret of Application ID

Details

Service connection name

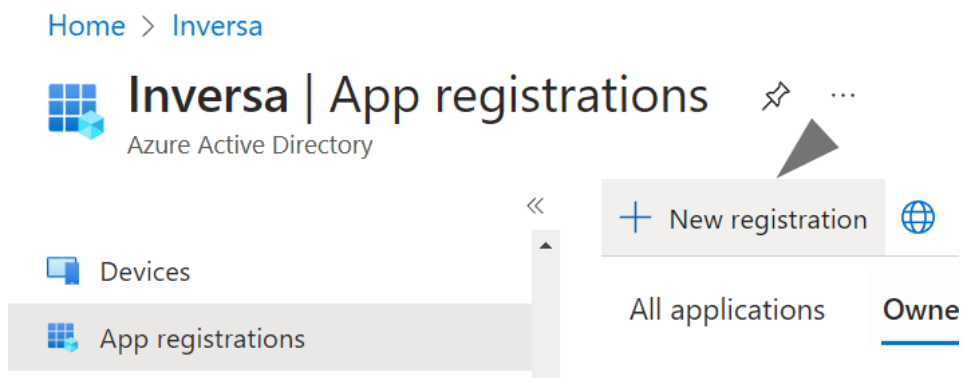
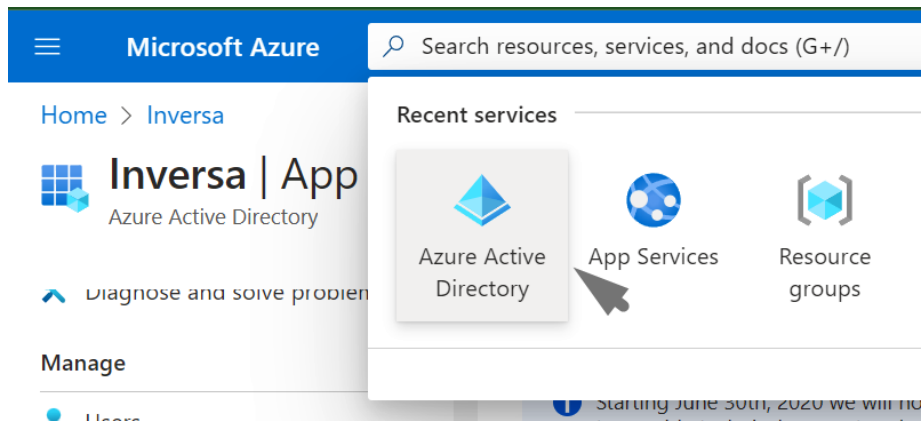
Description (optional)

Security

☐ Grant access permission to all pipelines

[Learn more](#)
[Troubleshoot](#)

Save



Register an application ...



* Name

The user-facing display name for this application (this can be changed later).



Supported account types

Who can use this application or access this API?

- ☒ Accounts in this organizational directory only (Inversa - Single tenant)
- ☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- ☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
- ☐ Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.



By proceeding, you agree to the [Microsoft Platform Policies](#)

Register



DevOps Pipelines



...



Delete



Endpoints



Preview features



Overview



Quickstart



Integration assistant

Manage



Branding & properties



Authentication



Certificates & secrets

Essentials

Display name

[DevOps Pipelines](#)

Application (client) ID

7d837868-8a71-4082-94fa-3f35367b42c3

Object ID

ad0fc4f6-8364-465c-9e54-d7f700550f8b

Directory (tenant) ID

30d4eca5-0b84-4868-89d5-b0fc78c105c4

Home > Inversa > DevOps Pipelines



DevOps Pipelines | Certificates & secrets



Got feedback?



Overview



Quickstart



Integration assistant

Manage



Branding & properties



Authentication



Certificates & secrets



Token configuration



API permissions



Expose an API

Credentials enable confidential applications to access resources at an addressable location (using an HTTPS scheme) as a credential.



Application registration certificates, secrets, and client secrets

Certificates (0)

Client secrets (0)

A secret string that the application uses to access resources.



New client secret

Add a client secret

Description

DevOps Pipeline Access

Expires

12 months

Add

Cancel

Description

Expires

Value ⓘ

Secret ID

DevOps Pipeline Acc...

6/11/2023

jtm8Q~MJ5_CEq9ai...



4f21914d-ab93-434...



New Power Platform service connection

Server URL
https://inversa.crm11.dynamics.com/

Authentication

Tenant ID
30d4eca5-0b84-4868-89d5-b0fc78c105c4
Tenant ID (also called directory ID in Azure portal) to authenticate to. Refer to <https://aka.ms/buildtools-spn> for a script that shows Tenant ID and configures an Application ID and associated Client Secret. The application user must also be [created in CDS](#)

Application ID
7d837868-8a71-4082-94fa-3f35367b42c3
Azure Application ID to authenticate with.

Client secret of Application ID
.....
Client secret of the Service Principal associated to above Application ID; used to prove identity.

Details

Service connection name
Inversa DEV Environment

Description (optional)
Connects to the [Inversa](#) development environment using application user

Security
☒ Grant access permission to all pipelines
[Learn more](#)
[Troubleshoot](#)

BackSave

Essentials

Display name
[DevOps Pipelines](#)

Application (client) ID
7d837868-8a71-4082-94fa-3f35367b42c3

Object ID
ad0fc4f6-8364-465c-9e54-d7f700550f8b

Directory (tenant) ID
30d4eca5-0b84-4868-89d5-b0fc78c105c4

Certificates & secrets

Got feedback?

Certificates (0)Client secrets (1)Federate

A secret string that the application uses to prove its token. Also can be referred to as application password

+ New client secret

Description	Value ⓘ
DevOps Pipe...	jY78Q~3Q~HVjW4rN...

Power Platform admin center

Home

Environments

Analytics

Resources

Help + support

Data integration

Data (preview)

Environments > Inversa DEV > Settings

Search for a setting

Product

Behavior, Features, Languages, Privacy + Security

Business

Business closures, Calendar, Connection roles, Currencies

Users + permissions

Application users

enter

+ New app user

Environments > Inversa [

Manage the non-interactive user

Name
Power Apps Checker Applica
Microsoft Forms Pro
Microsoft Project

Create a new app user

942.40px × 1600px

App *

+ Add an app

Business unit *

Inversa

Security roles(1)

DevOps

←

Add an app from Azure Active Directory

×

🔍 Search by App Name or App ID

There could be multiple reasons why your app may not show up in the list.
[Learn more](#)

	Name ↑	App ID
<input type="radio"/>	Client Application User	03436185-7da4-...
<input checked="" type="radio"/>	DevOps Pipelines	7d837868-8a71-...

Create a new app user



App *

Create

Cancel

DevOps Pipelines



Business unit *

Inversa



Security roles(1)



DevOps



Home

Environments

Analytics

Resources

Environments > Inversa DEV > Settings > Application users

Manage the non-interactive users in this environment so your apps can access Dataverse data. [Learn more](#)

Name ↑

App ID

State



DevOps Pipelines



7d837868-8a71-4082-94fa-3f35367b42c3

Active

Pipeline

Build pipeline



Get sources

Power Platform MVP

dev

Extract Power Platform solutio...

Run on agent



Power Platform Tool Inst...

Power Platform Tool Installer



Power Platform Export C...

Power Platform Export Solution



Power Platform Export Solution ⓘ

Task version

0.*

[Link settings](#)



Display name *

Power Platform Export Core Solution

Authentication type *



Username/password (no MFA support)



Service Principal/client secret (supports MFA)

Service connection *



[Manage](#)

Inversa DEV Environment



+ New

Power Platform Export...

Tasks Variables Triggers Options History

Save & queue

Pipeline
Build pipeline

Power Platform Ex

hherrera0935 / Power Platform MVP / Pipelines / Development Pipeline / 1

Search

Jobs in run #1
Development Pipeline

Jobs

Extract Power Platfor...

Report build st... <1s

Extract Power Platform solutions

```
1 ##[error]No hosted parallelism has been purchased or granted. To request a free parallelism grant, please
2 Pool: Azure Pipelines
3 Image: windows-2019
4 Started: Just now
5 Duration: 15s
6
7 ▶ Job preparation parameters
8 ▶ /x 1 queue time variable used
```

Project Settings Power Platform MVP

General

- Overview
- Teams
- Permissions
- Notifications
- Service hooks
- Dashboards

Boards

- Project configuration
- Team configuration
- GitHub connections

Pipelines

- Agent pools
- Parallel jobs

Private projects



Microsoft-hosted

0

Parallel jobs

[View in-progress jobs](#)



Monthly purchases

0

[Change](#)



Self-hosted

1

Parallel jobs

[View in-progress jobs](#)



Free parallel jobs

1



Visual Studio Enterprise subscribers

0



Monthly purchases

0

[Change](#)

Public projects



Microsoft-hosted

0

Parallel jobs

[View in-progress jobs](#)




Self-hosted

Unlimited

Parallel jobs

[View in-progress jobs](#)

Power Platform Agent

 Run on agent



1. Install Power Platform Tool

Power Platform Tool Installer



2. Export Core Managed Solution

Power Platform Export Solution



3. Export Core Unmanaged Solution

Power Platform Export Solution



4. Export Flows Managed Solution

Power Platform Export Solution



5. Export Flows Unmanaged Solution

Power Platform Export Solution

Error Level



Medium



Critical

High

Medium

Low

Informational

TasksVariablesTriggersOptionsHistory

Save & queueDiscardSummary

PipelineBuild pipeline

Get sourcesPower Platformdevops

Power Platform AgentRun on agent

1. Install Power Platform ToolPower Platform Tool Installer

2. Export Core Managed Sol...Power Platform Export Solution

3. Export Core Unmanaged ...Power Platform Export Solution

4. Export Flows Managed So...Power Platform Export Solution

5. Export Flows Unmanaged...Power Platform Export Solution

6. Run Solution CheckerPower Platform Checker

Power Platform Checker

Task version0.*Link settingsView YAML

Display name *6. Run Solution Checker

Service connection *DEV EnvironmentManageNew

☒ Use default Power Apps Checker endpoint

Location of File(s) to AnalyzeLocal FilesFile from Sas Uri

Local Files to AnalyzePowerPlatform.Solutions/Packed/*_managed.zip

Exclude Files from the Analysis

Rules To Override

Rule Set *Solution Checker

Advanced

Error LevelMedium

Error threshold0

☒ Fail on Power Apps Checker analysis error

7. Clear Unpack Folder for Core SolutionDelete files

8. Clear Unpack Folder for Flows SolutionDelete files

9. Unpack Core SolutionPower Platform Unpack Solution

10. Unpack Flows SolutionPower Platform Unpack Solution

TasksVariablesTriggersOptionsHistory

Save & queueDiscard

Power Platform Tool Installer

2. Export Core Managed Soluti...
Power Platform Export Solution

3. Export Core Unmanaged Sol...
Power Platform Export Solution

4. Export Flows Managed Solut...
Power Platform Export Solution

5. Export Flows Unmanaged So...
Power Platform Export Solution

6. Run Solution Checker
Power Platform Checker

7. Clear Unpack Folder for Core...
Delete files

8. Clear Unpack Folder for Flow...
Delete files

Delete files ⓘLink settings

Task version1.*

Display name *
7. Clear Unpack Folder for Core Solution

Source Folder ⓘ
PowerPlatform.Solutions/Extracted/Co
re

Contents * ⓘ
**/*

☐ Remove SourceFolder ⓘ

TasksVariablesTriggersOptionsHistory

Save & queueDiscard

2. Export Core Manage...
Power Platform Export Solution

3. Export Core Unmana...
Power Platform Export Solution

4. Export Flows Manag...
Power Platform Export Solution

5. Export Flows Unman...
Power Platform Export Solution

6. Run Solution Checker
Power Platform Checker

7. Clear Unpack Folder ...
Delete files

8. Clear Unpack Folder ...
Delete files

9. Unpack Core Solution
Power Platform Unpack Solution

Power Platform Unpack Solution ⓘLink settings

Task version0.*

Display name *
9. Unpack Core Solution

Solution Input File * ⓘ
PowerPlatform.Solutions/Packed/CoreComp
onents.zip

Target Folder to Unpack Solution * ⓘ
PowerPlatform.Solutions/Extracted/Core

Type of Solution ⓘ
Both

TasksVariablesTriggersOptionsHistory

Power Platform Export Solution

5. Export Flows Unman...
Power Platform Export Solution

6. Run Solution Checker
Power Platform Checker

7. Clear Unpack Folder ...
Delete files

8. Clear Unpack Folder ...
Delete files

9. Unpack Core Solution
Power Platform Unpack Solution

10. Unpack Flows Soluti...
Power Platform Unpack Solution

9. Check-In Solutions t...
Command line

Save & queue ▾ ↶ Discard ...

Display name *
9. Check-In Solutions to Source Control

Script * ⓘ
echo -- Starting checking of solutions to source control
git config user.email "devops@ondynamics.com"
git config user.name "DevOps Pipeline"

echo -- Checking out branch
git checkout devops

echo -- Committing branch
git add --all
git commit -m "DevOps Power Platform Solution check in"

echo -- Pushing branch
git -c http.extraheader="AUTHORIZATION: bearer \$(System.AccessToken)" push origin devops

echo -- Checking complete

Pipeline
Build pipeline

Get sources
Power Platform devops

Power Platform Agent
Run on agent

1. Install Power Platform Tool
Power Platform Tool Installer

2. Export Core Managed Solution
Power Platform Export Solution

3. Export Core Unmanaged Sol...
Power Platform Export Solution

4. Export Flows Managed Soluti...
Power Platform Export Solution

5. Export Flows Unmanaged Sol...
Power Platform Export Solution

6. Run Solution Checker
Power Platform Checker

7. Clear Unpack Folder for Core...
Delete files

8. Clear Unpack Folder for Flow...
Delete files

9. Unpack Core Solution
Power Platform Unpack Solution

10. Unpack Flows Solution
Power Platform Unpack Solution

9. Check-In Solutions to Source...
Command line

Agent pool ⓘ | Manage

<inherit from pipeline> ↕ ↺

Demands ⓘ

Name	Condition	Value
------	-----------	-------

+ Add

Execution plan ^

Parallelism ⓘ
☒ None ☐ Multi-configuration ☐ Multi-agent

Timeout * ⓘ
0

Job cancel timeout * ⓘ
0

Dependencies ^
Select dependencies ▾

Additional options ^
☒ Allow scripts to access the OAuth token ⓘ

Run this job ⓘ
Only when all previous jobs have succeeded ▾

mvpowerplatform / MV Power Platform / Settings / Repositories

Project Settings

MV Power Platform

General

Overview

Teams

Permissions

Notifications

Service hooks

Dashboards

Boards

Project configuration

Team configuration

GitHub connections

Pipelines

Agent pools

Parallel jobs

Settings

Test management

Release retention

Service connections

XAML build services

Repos

Repositories

All Repositories

Filter by keywords

MV Power Platform

Power Platform

Power Platform Repository

Power Platform

Settings Policies Security

User permissions

Download detailed report

Inheritance

Search for users or groups

Azure DevOps Groups

BA Build Administrators

C Contributors

PA Project Administratc

R Readers

PA Project Collection A

PA Project Collection B

PA Project Collection S

Users

HH Hugo Herrera

MS MV Power Platform

MV Power Platform Build Service (mvpowerplatform)

Bypass policies when completing pull requests

Bypass policies when pushing

Contribute

Contribute to pull requests

Create branch

Create tag

Delete or disable repository

Edit policies

Force push (rewrite history, delete branches and tags)

Manage notes

Manage permissions

Read

Remove others' locks

Rename repository

Repos	Power Platform Agent	5m 10s
Pipelines	Initialize job	2s
Pipelines	Checkout Power Platform@devop...	4s
Environments	1. Install Power Platform Tool	34s
Releases	2. Export Core Managed Solu...	1m 29s
Library	3. Export Core Unmanaged S...	1m 17s
Task groups	4. Export Flows Managed Solution	31s
Deployment groups	5. Export Flows Unmanaged Solu...	23s
Test Plans	6. Run Solution Checker	36s
Artifacts	7. Clear Unpack Folder for Core ...	<1s
	8. Clear Unpack Folder for Flows...	<1s
	9. Unpack Core Solution	2s
	10. Unpack Flows Solution	1s
	9. Check-In Solutions to Source C...	2s
	Post-job: Checkout Power Platfo...	<1s
	Finalize Job	<1s
	Report build status	<1s

Tasks Variables **Triggers** Options History

Save & queue

Discard ...



Continuous integration



Power Platform

Disabled

Scheduled

+ Add



23:00

Mon through Sun

Build completion

+ Add

Build when another build completes



Mon through Sun at 23:00

Delete

When to build



Mon



Tue



Wed



Thu



Fri



Sat



Sun

23h

00m

(UTC) Coordinated Universal Time



Only schedule builds if the source or pipeline has changed

Portal Records Mover (OND ...)

Load items Retrieve records Export records Import records Transfer records

Clear selection Select all

Name

- ☐ Ad
- ☐ Ad Placement
- ☒ Advanced Form
- ☒ Advanced Form Metadata
- ☒ Advanced Form Session
- ☒ Advanced Form Step
- ☒ Alert Subscription
- ☒ Basic Form
- ☒ Basic Form Metadata
- ☐ Bot Consumer
- ☐ Change Password for Portals Contact
- ☒ Content Snippet
- ☒ External Identity
- ☐ Invitation
- ☐ Invite Redemption
- ☒ List
- ☐ Page Alert
- ☐ Page Notification
- ☐ Page Tag
- ☒ Page Template
- ☐ Poll
- ☐ Poll Option
- ☐ Poll Placement
- ☐ Poll Submission
- ☐ Portal Comment
- ☒ Portal Language
- ☒ Publishing State
- ☒ Publishing State Transition Rule
- ☒ Redirect
- ☐ Setting

Options

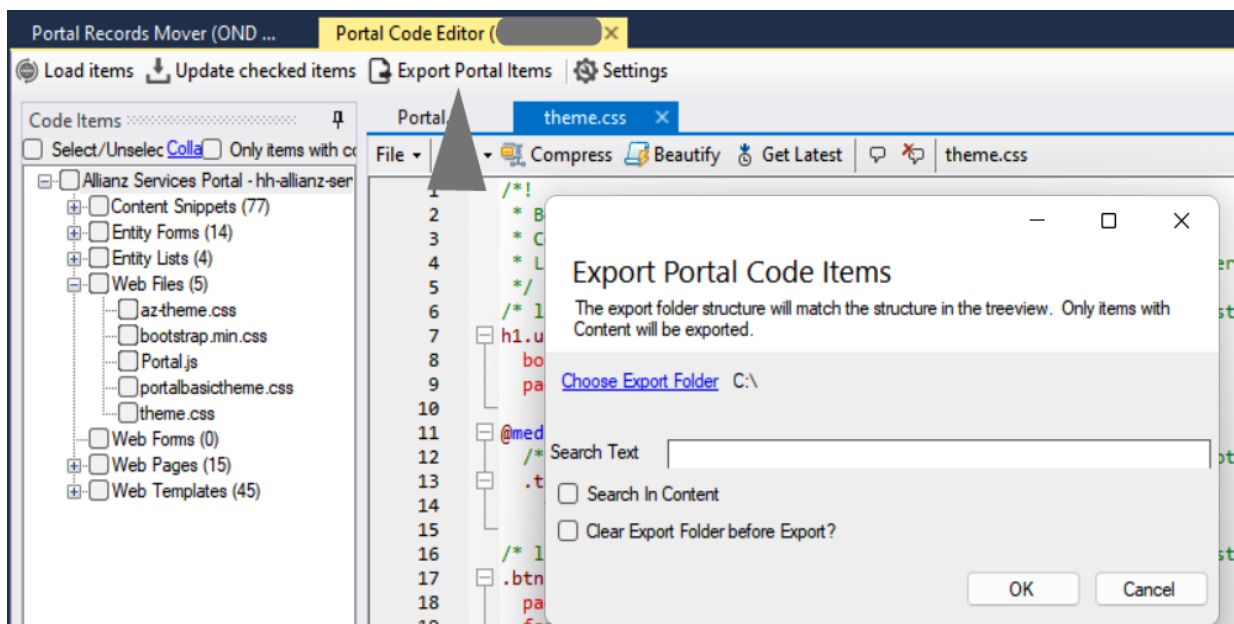
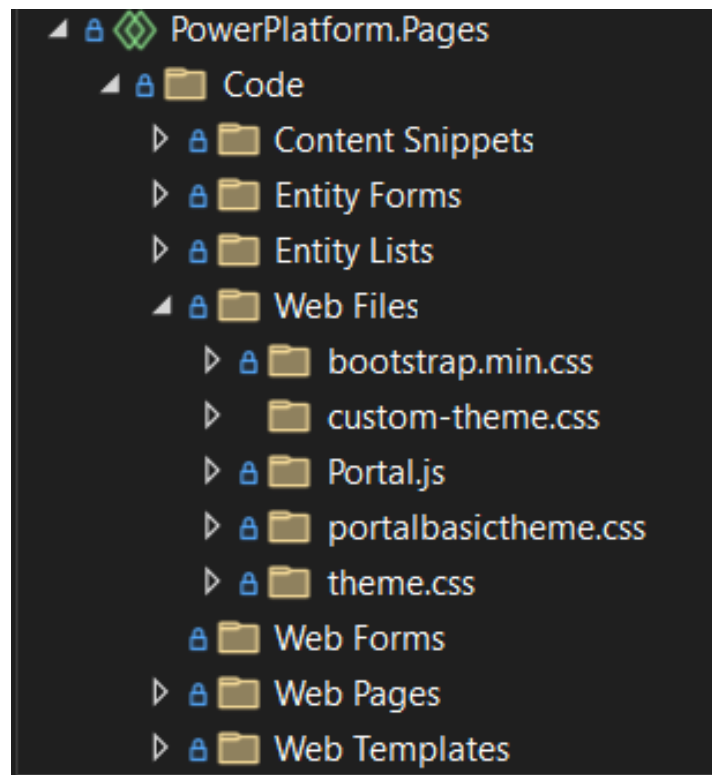
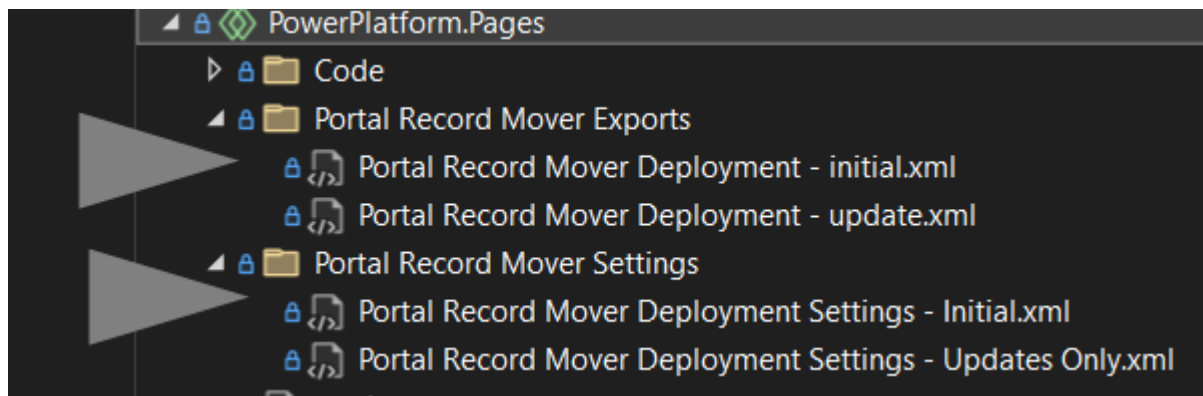
- ☐ Get records created on or after 13/06/2022
- ☐ Get records modified on or after 13/06/2022
- ☐ Get records from website
- ☐ Get only active records
- ☐ Export as folder structure ☐ Zip folder structure ☐ Remove formatted v
- ☐ Display entities with no records found

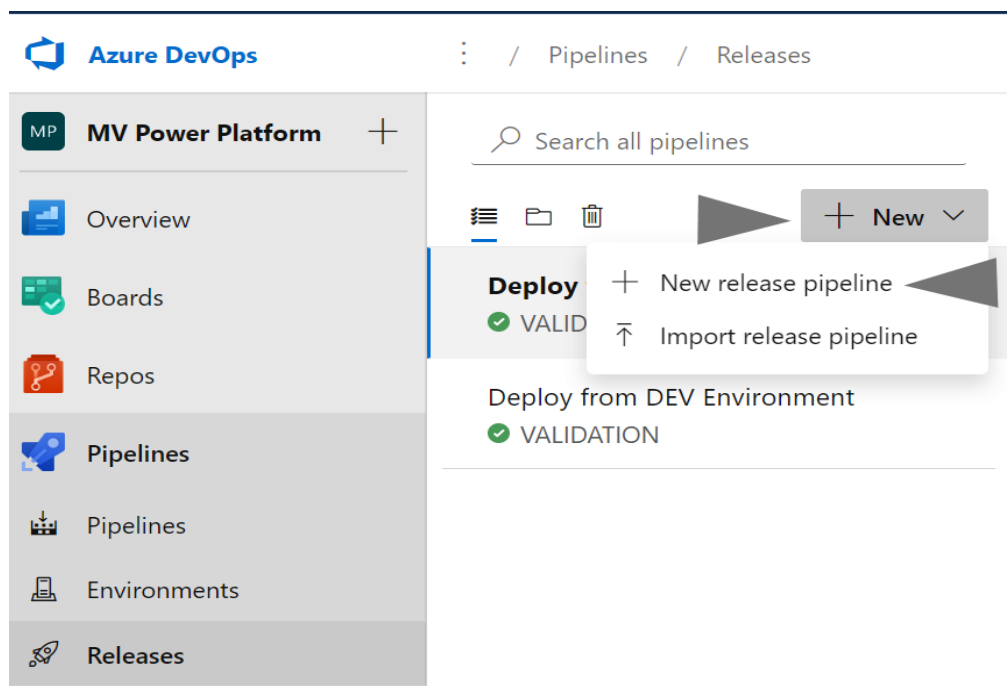
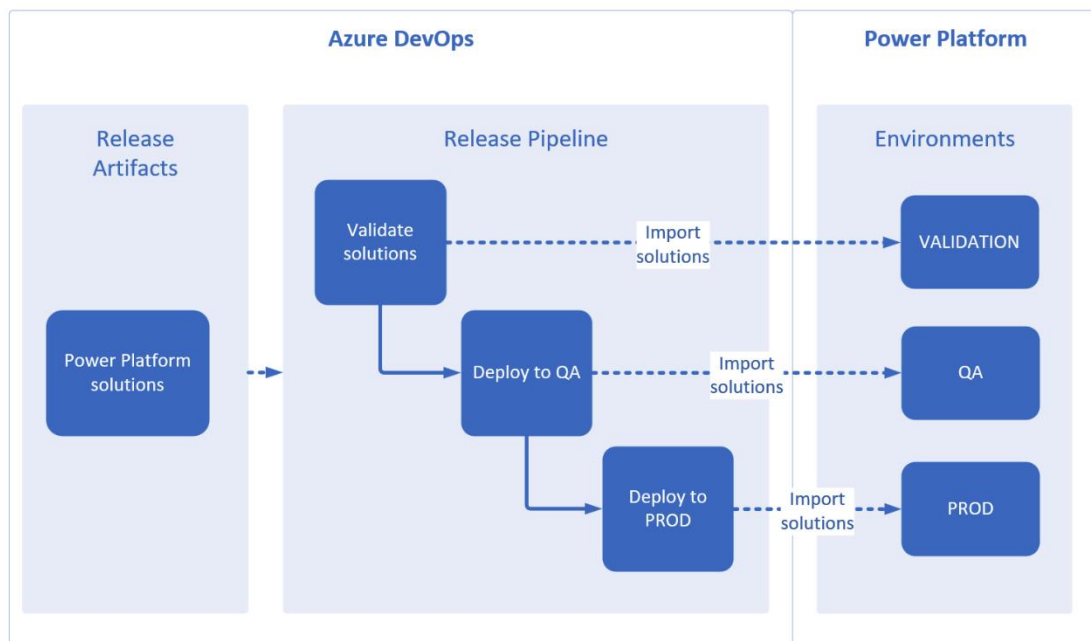
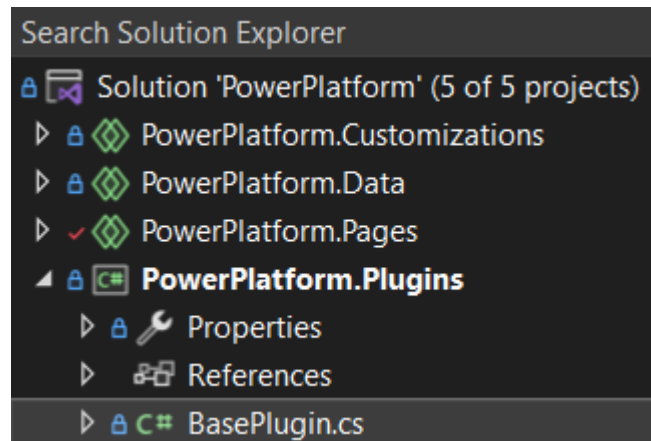
Content Snippet (77)

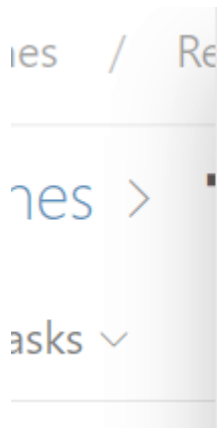
Basic Form (14) Basic Form Metadata (19) Content Snippet (77) List (4) Page (1)

Clear selection Select all

Name	Value
<input checked="" type="checkbox"/> About Footer	<h4>About Cust...
<input checked="" type="checkbox"/> Account/ChangeEmail/EmailLabel	E-mail
<input checked="" type="checkbox"/> Account/ChangeEmail/PageCopy	
<input checked="" type="checkbox"/> Account/ChangeLogin/PageCopy	
<input checked="" type="checkbox"/> Account/ChangePassword/PageCopy	
<input checked="" type="checkbox"/> Account/ConfirmEmail/ConfirmEmailErrorText	We were unable...
<input checked="" type="checkbox"/> Account/ConfirmEmail/ConfirmEmailFormHeadin	Confirm E-mail







Select a template

Or start with an  **Empty job**

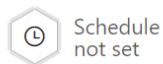
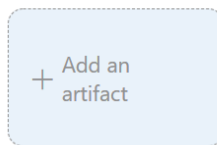


All pipelines >  New release pipeline





Pipeline Tasks ▾ Variables Retention Options History


Artifacts | + Add



Stages | + Add ▾




VALIDATION
1 job, 0 task



Stage

VALIDATION ▾


 Properties ^

Name and owners of the stage

Stage name


VALIDATION

Stage owner

 Hugo Herrera

All pipelines >  New release

Pipeline

Tasks 

Variables

Release

Artifacts |  Add



Add an artifact



Schedule
not set

Add an artifact

Source type



Build



✓ Azure Re...

5 more artifact types 

Project * 

MV Power Platform

Source (repository) * 


Power Platform

Default branch * 

devops


Default version * 

Latest from the default branch

☐ Checkout submodules 

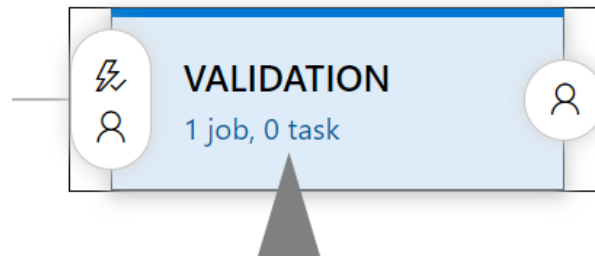
☐ Checkout files from LFS 

Shallow fetch depth 

Source alias * 

_Power Platform

Add



Pipeline **Tasks** ▾ Variables Retention Options History

VALIDATION
Deployment process

Agent job
Run on agent

Add tasks | Refresh | power platform tool | X

Power Platform Tool Installer
Power Platform Tool Installer

Add

VALIDATION
Deployment process

Agent job
Run on agent

Power Platform Tool Instal...
Power Platform Tool Installer

Add tasks | Refresh | Power Platform Ch... X

Power Platform Checker
Analyze solutions using Power Apps Checker endpoint

Add

VALIDATION
Deployment process

Agent job
Run on agent

Power Platform Tool Instal...
Power Platform Tool Installer

Power Platform Checker
Power Platform Checker

Power Platform Checker ⓘ View YALN

Task version 0.* ▾

Display name *
Power Platform Checker

Service connection * ⓘ | Manage ⓘ
DEV Environment ▾ Refresh + New

☒ Use default Power Apps Checker endpoint ⓘ

Location of File(s) to Analyze ⓘ
☒ Local Files ☐ File from Sas Uri

Local Files to Analyze ⓘ
\$(System.DefaultWorkingDirectory)/_PowerPlatform/Solutions/Packed/*_managed.zip ...

Exclude Files from the Analysis ⓘ

Rules To Override ⓘ

Rule Set * ⓘ
Solution Checker ▾

Advanced ^

Error Level ⓘ
Medium ▾

Error threshold ⓘ
0

☒ Fail on Power Apps Checker analysis error ⓘ

VALIDATION


Deployment process


...


Agent job

Run on agent

+

 **Install Power Platform Tools**
Power Platform Tool Installer [LIVE]

 **Run Solution Checker**
Power Platform Checker [LIVE]

 **Backup Target Environment**
Power Platform Backup Environment [LIVE] ✓ ⋮

Task version

0.*

▼

📄

Display name *

Backup Target Environment

Authentication type *

ⓘ

☐ Username/password (no MFA support)

☒ Service Principal/client secret (supports MFA)

Service connection *

ⓘ

| [Manage](#)

VALIDATION Environment

▼

🔄

+ New

Environment Url

ⓘ

\$(BuildTools.EnvironmentUrl)

Backup Label *

ⓘ

Full Backup - \$(Build.BuildNumber)

VALIDATION


Deployment process


...


Agent job


Run on agent

+

 **Install Power Platform To...**
Power Platform Tool Installer [LIVE]

 **Run Solution Checker**
Power Platform Checker [LIVE]

 **Backup Target Environm...**
Power Platform Backup Environment...

 **Import Core Solution**
Power Platform Import Solution [LIVE] ✓ ⋮

Task version

0.*

▼

ⓘ

Display name *

Import Core Solution

Authentication type *

ⓘ

☐ Username/password (no MFA support)

☒ Service Principal/client secret (supports MFA)

Service connection *

ⓘ

| [Manage](#)

VALIDATION Environmen

▼

🔄

+ New

Environment Url

ⓘ

\$(BuildTools.EnvironmentUrl)

Solution Input File *

ⓘ

\$(System.DefaultWorkingDirectory)/Power Platform Solutions from Source/PowerPlatform.Solutions/Packed/C oreComponents_managed.zip

⋮

☐ Use deployment settings file


ⓘ

☒ Import solution as asynchronous operation

ⓘ


Agent job

Run on agent




Install Power Platform To...

Power Platform Tool Installer [LIVE]




Run Solution Checker

Power Platform Checker [LIVE]




Backup Target Environm...

Power Platform Backup Environment...




Import Core Solution



Power Platform Import Solution [LIVE]



Import Flows Solution

Power Platform Import Solution [LIVE]

All pipelines >  Deploy from Source Co...

 Save  Create release

Pipeline

Tasks

Variables

Retention

Options

History


VALIDATION

Deployment process


Stage name

VALIDATION

Artifacts | + Add




Power Platform Solutions from



Schedule set

Stages | + Add



VALIDATION

1 job, 5 tasks

+ Clone

Clone stage

QA

Deployment process

Agent job

Run on agent

Install Power Platform To...

Power Platform Tool Installer [LIVE]

Run Solution Checker

Power Platform Checker [LIVE]

Backup Target Environm...

Power Platform Backup Environment...

Import Core Solution

Power Platform Import Solution [LIVE]

Import Flows Solution

Power Platform Import Solution [LIVE]

Power Platform Import Solution [LIVE]

Task version0.*

Display name *

Import Core Solution

Authentication type *

Username/password (no MFA support)

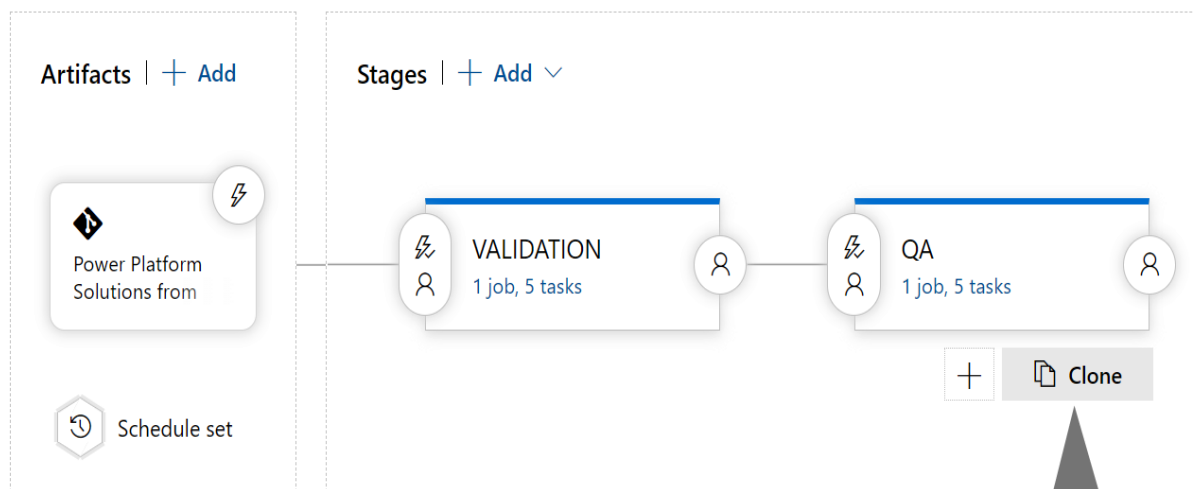
Service Principal/client secret (supports MFA)

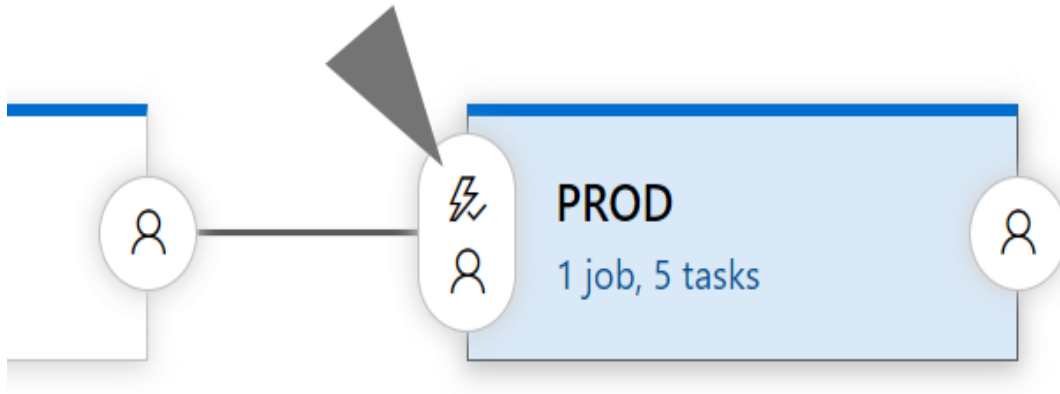
Service connection *

QA Environment

Manage

Environment Url





Stages | [+ Add](#) ▼

VALIDATION

1 job, 5 tasks

PROD

1 job, 5 tasks

Pre-deployment conditions

PROD

⚡ Triggers ^

Define the trigger that will start deployment to this stage

Select trigger ⓘ

⬇

After release

📋

After stage

⚡

Manual only

👤 Pre-deployment approvals

Select the users who can approve or reject deployments to this stage

➡ Gates

Define gates to evaluate before the deployment.

[Learn more](#)

🔍 Search all pipelines

☰

🗑

+ New ▼

Deploy from Source Co...

🟢 QA

Deploy from DEV Environ...

🟢 VALIDATION

Deploy from Source Control

Releases

Deployments

Analytics

Releases

Created

Stages

HH

Release-16

c43...

14/06/2022, 23:47:12

🟢 VALIDA...

🟢 QA

○ PROD

Edit

Create release

All releases ▼

HH

Release-17

c43...

14/06/2022, 23:50:25

○ VALIDA...

○ QA

○ PROD



Release-17



14/06/2022, 23:50:25

✓ VALIDA...

QA

○ PROD



Release-17



:

14/06/2022, 23:50:25

✓ VALIDA...

✓ QA

○ PROD

Release

Manually triggered

by Hugo Herrera
14/06/2022, 23:50

Artifacts



Power Platform Solutio...
c43a071d
main

Stages

VALIDATION

✓ Succeeded

on 14/06/2022, 23:51

QA

✓ Succeeded

on 14/06/2022, 23:51

PROD

○ Not deployed

Deploy

Logs

VALIDATION

✓ Succeeded

on 14/06/2022, 23:51

QA

✓ Succeeded

on 14/06/2022, 23:51

PROD

✓ Succeeded

on 14/06/2022, 23:59