



# Unified Experience (Preview)

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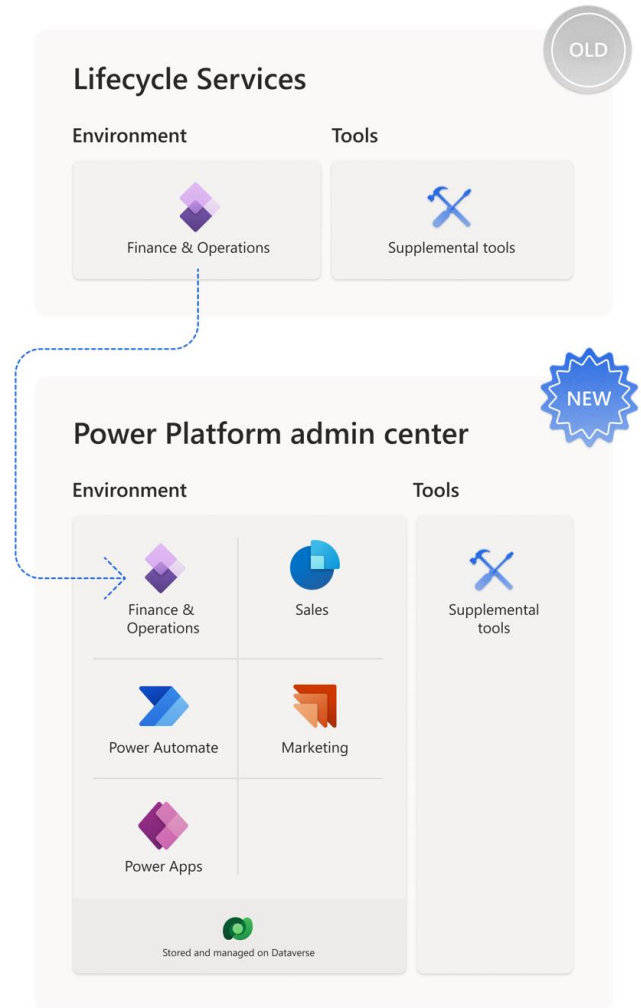


## Overview



# Unification of admin experience

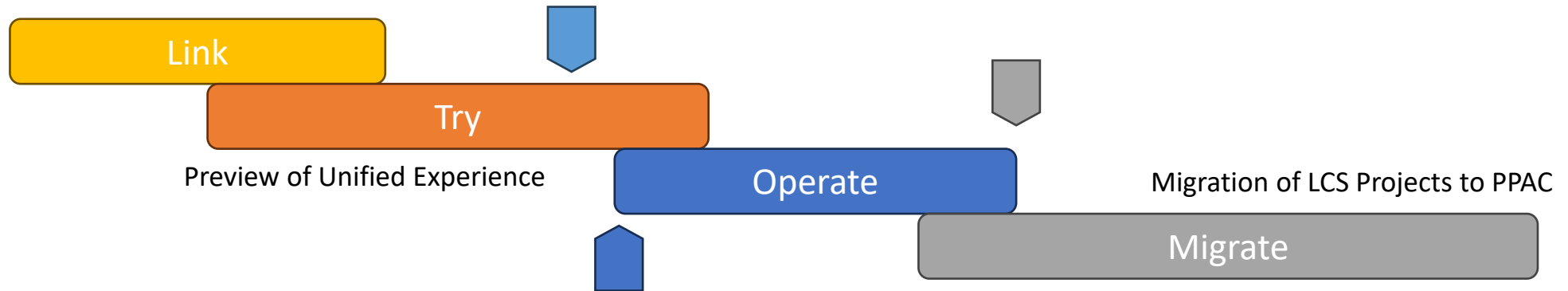
- The environments for Finance and Operations apps is now considered as an application within the Power Platform.
- Multiple Dynamics 365 applications and apps, flows, pages in Power Platform can be installed and hosted on the same Power Platform environment
- Providing a consistent and single set of lifecycle operations that an admin can perform across all these artifacts.
- Dataverse helps to maintain the application layer of Finance and Operations, with hosting the application binaries.





# Timeline

## Unification process



Currently (29.11.2023) as it is



GA: 1st Quarter 2024



No new LCS cloud projects – Date: unknown



## Licensing

Transition from environment-slot model to capacity-based model



# Licensing

## LCS-Environments

- User licensing to access the application (not enforced)
- 2 environments included (1 Sandbox and 1 Production)
- Additional environments with add-in licensing
- Cloud-Hosted environments for development and building, Azure Hosting billing



## Power Platform environments

- User licensing to access to application (will be enforced)
- No environment-based model
- Capacity-based model
- Storage capacity (Dataverse and F&O storage)
- Computational capacity (Power Platform Requests)



# Storage capacity

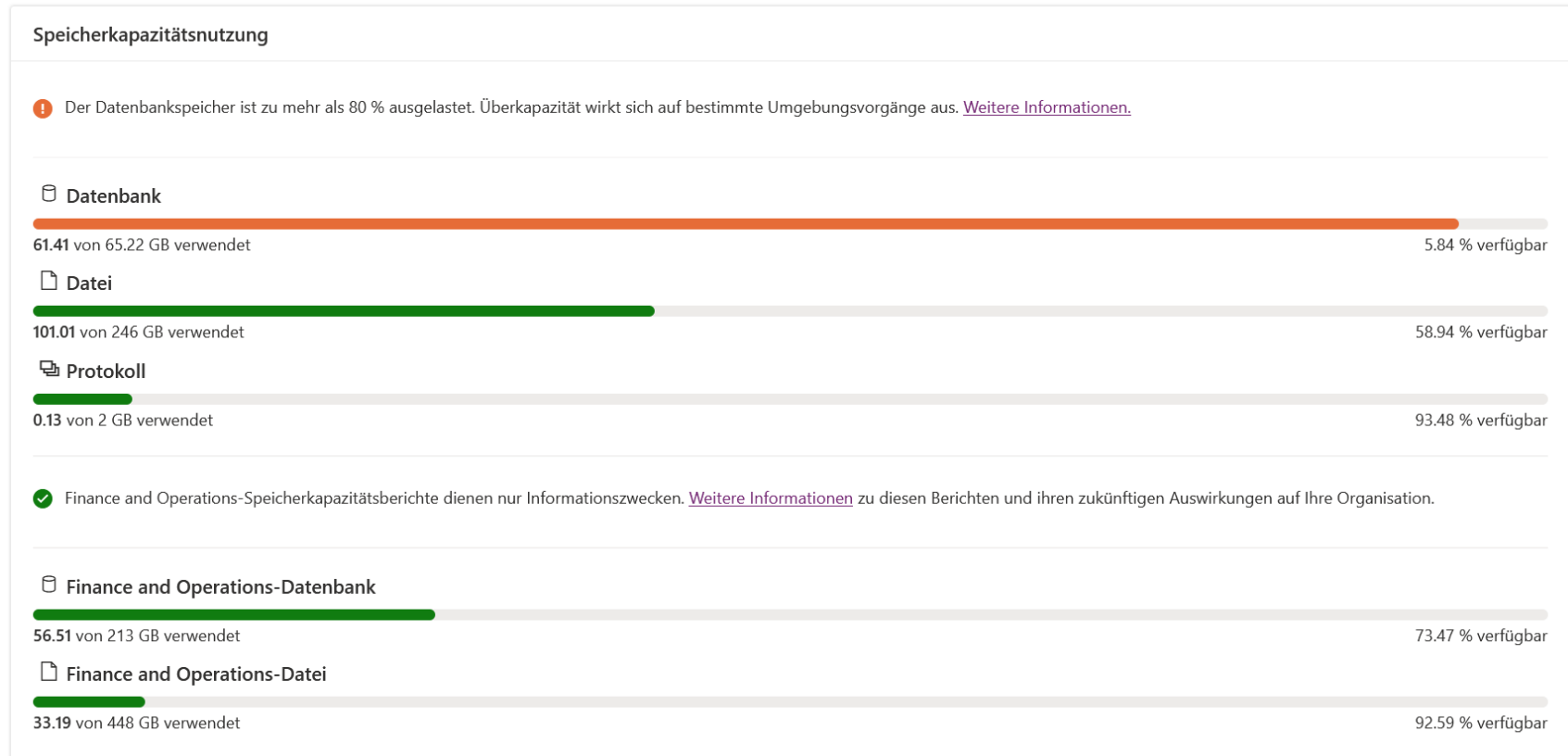
- At least 1 GB available of both Operations and Dataverse database capacity to provision an environment
- Beyond that, there are no strict limits on how many environments you can create. This differs from LCS where each sandbox and production environment slot had a predetermined purchase.
- Contos Data (DEMO), needs at least 6 GB of F&O and 2 GB of Dataverse storage



# Storage capacity

The limiting factor for the environment creation is the available database storage!

Every environment event F&O developer environments are using the same storage pool!







# Computational capacity

Sum of all Power Platform requests in the tenant  
(derives from the user licenses)

As part of the capacity-based model, all environments are given the same level of compute performance, whether they're sandbox or production environments. This is based on the number of user licenses purchased and it dynamically scales up or down as your license quantities adjust.

Microsoft internal calculation matrix

Computational Footprint (level)

The background features a complex network of thin white lines connecting various points, creating a web-like structure. These points are represented by small, light blue dots of varying sizes, scattered across the dark blue background. The overall effect is a sense of interconnectedness and digital technology.

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## Lifecycle



# Connection to dataverse

As F&O is now part of the Power Platform it will use Dataverse for the application management in the first step.

F&O and Dataverse are separated databases but there is already work ongoing to unify both.

Projectname: OneDB/OneTransaction (2024/2025)

Now Dataverse will host all F&O binary packages.



## Dual-Write and other apps.

Dual-Write will be still required, and F&O can only be connected to the managing Power Platform environment itself.

A benefit of using Dataverse for the management, is that copying environments allows us to copy all data and application binaries together (including PowerApps/Flows and Dataverse mappings) to another (new/old) environment.



# Transition Scenarios

For already live customer projects we imagine following scenarios:



PROD and UAT are going to be on LCS



Development and additional test environments will be transitioned to PPAC for evaluation.



We are able to only transition one or more environments from LCS to PPAC and do not need to start with all environments in the project!



# LCS Geography

Copying LCS environments in new Power Platform environments is currently only possible in the same geography as the managing LCS.

If your LCS is in the US (Default with the following URL: [lcs.dynamics.com](https://lcs.dynamics.com)) and you want to copy the environments to new Power Platform environments you can only do that in the US.

When you want to use the Europe Power Platform environments, you need to do the LCS Migration to Europe.

Microsoft Doc: [Project migration manager - Finance & Operations | Dynamics 365 | Microsoft Learn](#)



Provision a new environment



# Option A: Create a new environment through templates

- When creating a new Power Platform environment, you will have the option to choose a predefined template.
- The environments needs to have the option **Dynamics 365 apps** turned on during setup

← Add Dataverse ×

① This operation is subject to [capacity constraints](#)

① Assign a security group to this environment or opt for open access before saving

**Language \***

English (United States) ▾

Default language for user interfaces in this environment

**Currency \***

Finance (Preview)

Supply Chain Management (Preview)

Project Operations for Non Stocked Guides

Intelligent Order Management

Project Operations

Project Operations for Stocked

Remote Assist

Sales Premium Trial

Sales Pro

None

None ▾

Select None if you want to enable D365 apps but plan to install them later





# Option B: Existing Power Platform environment

- You can install finance and operations apps on an existing Power Platform environment with a Dataverse database.
- Install for that the **Dynamics 365 Finance and Operations Provisioning App**.

Install app

Open AppSource

Refresh

Environments > Sandbox > Dynamics 365 apps

Check the status of Dynamics 365 apps and manage them across your org. [Learn more](#)

Name ↑	Status
Agent Productivity Tools	Installed
appprofilemanager	Update available
Cards for Power Apps (preview)	Update available

Dual-write Notes Solution	Enabled
Dual-write Party and Global Address Book Solutions	Enabled
Dual-write Supply Chain solution	Enabled
Dynamics 365 Automotive Accelerator Portal	Enabled
Dynamics 365 Customer Payment Insights Service	Enabled
Dynamics 365 Export to Data Lake	Enabled
Dynamics 365 Finance and Operations Platform Tools	Suspended
✓ Dynamics 365 Finance and Operations Provisioning App	Enabled



# Copy Features

- All the copying from PROD to UAT/DEV or other can be done with the Power Platform Admin Center
- You only need to use the default copy feature
- There is also the possibility to delete all transactional data during the copy process to save storage on the developer environment.

Managed	Region	Created on	Created by	Last activity
No	Europe	12/12/2023 12:49 PM	Christoph Fedder (A...	-
No	Europe	11/14/2023 8:37 AM	Christoph Fedder (A...	-
No	Europe	11/02/2023 5:27 PM	Dominik Downarow...	-
No	Europe	10/24/2023 2:35 PM	Philipp Sommerfeld...	10/27/2023 2:48 PM
No	Europe	10/20/2023 6:17 PM	Dominik Downarow...	-
No	Europe	10/20/2023 6:17 PM	Dominik Downarow...	-
No	Europe	10/20/2023 6:16 PM	Dominik Downarow...	-
No	Europe	10/20/2023 4:51 PM	Dominik Downarow...	-
No	Europe	10/19/2023 10:44 AM	Naveed Ahmed Alizai	10/19/2023 10:44 AM
No	Europe	10/16/2023 1:05 PM	Philipp Sommerfeld...	-
No	Europe	10/04/2023 12:21 PM	Dominik Downarow...	-

**Copy over \***

☒ Everything  
Includes all application data, customizations, and schemas

☐ Customizations and schemas only  
Doesn't include application data or audit logs

**Audit logs**

To improve operation speed, audit logs are not copied over by default. Click [here](#) to change this. [Learn more](#)

**Select target environment to overwrite \***

Select ▼

Don't see your environment?

The background of the slide features a complex network of thin white lines connecting various points, creating a web-like or molecular structure. These points are represented by small, light blue dots of varying sizes, scattered across the dark blue background. The overall effect is a sense of interconnectedness and technology.

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## Development



# Development

- Currently in LCS: one or many developer virtual machines (VMs) hosted in Azure
  - Additional to the already purchased licensed, the VMs are generating additional Azure hosting cost.
- With the new Unified environments, there is no need to deploy Azure VMs.
  - Instead, you can download the Power Platform and X++ developer tools on a computer with Visual Studio installed.
  - Next, you can build new solutions that span the entire platform set of capabilities, and then deploy those to a sandbox environment that is provisioned through the Power Platform admin center.



# Development

- Development and building happens on your local machine.
- Simpler approach in using GIT as version control
- Deployment and testing happens on a remote sandbox Power Platform environment
- As the development environment can be refreshed with PROD, the developer can have a copy of the current Dual-Write configuration and CE apps to test it out



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