

What's new in Environment management finance and operations apps

Dynamics 365 FastTrack
Architecture Insights Series

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Agenda

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- Recap of environment concepts
 - What's new in:
 - Power platform integration
 - Service updates
 - Quality updates
 - Subscription estimator



Environment management in finance and operations apps

Environment planning overview

Environment purpose

Development

Data migration

User acceptance testing

Training

Etc.

Environment type

Standard

Add-on

Sandbox

Production

Cloud Hosted

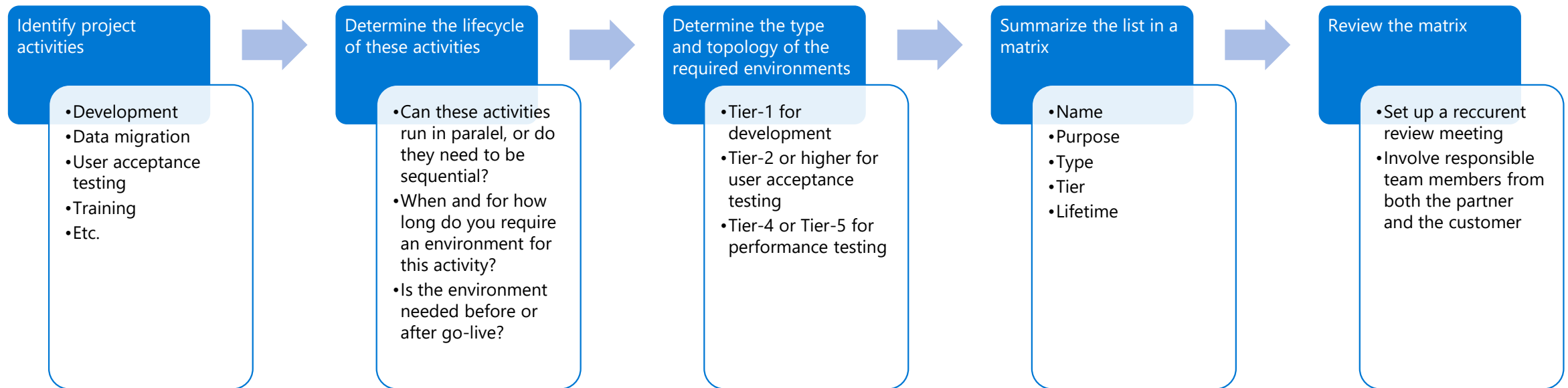
Environment image (VHD)

Environment tier

Tier-1

Tier-2 and higher

Environments plan



Environments matrix

	A	B	C	D	E	F	G	H
1	ENVIRONMENT PLANNING (sample)							
2	Environment ID	Purpose	Deployment option	Topology	Owner	Licensing (EA/MPSA/CSP)	To be ready by Week	To be maintained post Go-Live?
3	CLI-TEST	Deliver initial training and perform process / integration testing	Standard	Tier-2 / Standard Acceptance Test	Project Manager (partner)	EA	2	Yes, to support PRODUCTION post Go-Live
4	CLI-CONFIG	Track the configuration	Cloud-Hosted	Tier-1 / Demo	Project Manager (partner)	Azure	3	No
5	CLI-CONFIG	Track the configuration	Add-on	Tier-2 / Standard Acceptance Test	Project Manager (partner)	MPSA	8	No
6	CLI-BUILD	Generate builds and run automated tests	Cloud-Hosted	Tier-1 / Build and Test	Project Manager (partner)	EA	3	Yes, to patch PRODUCTION
7	CLI-DATA	Execute data migration activities	Cloud-Hosted	Tier-1 / Develop and Test	Data migration lead	N/A	3	No
8	CLI-DEV1	Develop customizations	VHD	Tier-1 / Develop and Test	Developer 1	Azure	8	Yes, to enrich the solution
9	CLI-DEV2	Develop customizations	Cloud-Hosted	Tier-1 / Develop and Test	Developer 2	Azure	8	No
10	CLI-DEV3	Develop customizations	Cloud-Hosted	Tier-1 / Develop and Test	Developer 3	Azure	8	No
11	CLI-DEV4	Develop customizations	Cloud-Hosted	Tier-1 / Develop and Test	Developer 4	Azure	8	Yes, to enrich the solution
12	CLI-UAT	Perform User Acceptance Testing and deliver the final training	Add-on	Tier-2 / Standard Acceptance Test	Project Manager (customer)	MPSA	16	Yes, to test/validate new releases
13	CLI-PERF	Perform the performance testing	Add-on	Tier-4 / Standard Performance Test	Project Manager (partner)	MPSA	16	No
14	PROD	Operate the business	Add-on	N/A	IT manager (customer)	EA	21	Yes
15								
16	CDS-Dev3	Develop with connection to F&O	Add-on	Development	Project Manager (partner)	N/A	8	Yes, to enrich the solution
17	CDS-Dev4	Develop with connection to F&O	Add-on	Development	Project Manager (partner)	N/A	8	Yes, to enrich the solution
18	CDS-Test	Test with connection to F&O	Standard	Sandbox	Project Manager (partner)	EA	8	Yes, to enrich the solution
19	CDS-UAT	Perform User Acceptance Testing and deliver the final training	Standard	Sandbox	Project Manager (customer)	EA	16	Yes, to test/validate new releases
20	CDS-PERF	Perform the performance testing	Add-on	Sandbox	Project Manager (partner)	EA	16	No
21	CDS-Prod	Operate the business	Standard	Production	IT manager (customer)	EA	21	Yes



Power Platform Integration

Power platform integration

All finance and operations apps environments (sandbox and production) managed by LCS receive an initial Power Platform environment

Power Platform integration lets you complete the following tasks:

- Create apps and flows by using the new Power Platform environment that is automatically created.
- Integrate finance and operations apps data with the Dataverse platform by using virtual tables, business events, and dual-write features.
- Install and connect other Dynamics 365 applications with your finance and operations apps.
- Install add-ins and connect them with your finance and operations apps.

[Enable the Microsoft Power Platform integration - Finance & Operations | Dynamics 365 | Microsoft Learn](#)

Power platform integration

odop-linked-nondw

Delete

Maintain

History

Notification list

Software License Terms

Manage environment

Power Platform Integration

Expand your environments capabilities through Power Platform integration. Unlock features such as Dual-write, add-ins and all the capabilities of Microsoft Dataverse.

POWER PLATFORM ENVIRONMENT INFORMATION

Environment name

odop-linked-nondw

Environment Id

32cc8d15-1893-e274-8952-7a641952bf1c

Status

Initial Power Platform environment created. Use the Setup button to add Dataverse capabilities.

Setup

ENVIRONMENT ADD-INS

Power platform environment must be setup to install add-ins.

Power Platform admin center

Convert to production

Delete

History

Environments

>

odop-linked-nondw

Details

<div>Type</div> <div>Sandbox</div>	<div>Region</div> <div>United States</div>	<div>Refresh cadence</div> <div>Frequent</div>
<div>Purpose</div> <div>Not specified</div>	<div>Environment ID</div> <div>32cc8d15-1893-e274-8952-7a641952bf1c</div>	<div>Finance and Operations URL</div> <div>https://odop-linked-nondw.sandbox.operatio...</div>

Power platform integration – what's new?

- When you enable Power Platform integration, a new Dataverse database is added to the initial Power Platform. If your organization already has a Dataverse instance that you want to connect to the finance and operations environment, **do not enable** Power Platform integration during environment creation in LCS.
- ✓ After deployment of the finance and operations environment is completed, you will be able to connect to an existing Power Platform environment by using the Setup button.
- Power Platform integration is **irreversible**, and the link can't be changed or removed. As part of the setup, you connect your finance and operations environment to a Power Platform environment. Runtime features such as virtual entities, business events, and dual-write all depend on this connection. Therefore, it can't be removed until you delete the finance and operations environment.
- ✓ The only way to redo this action is to redeploy the environment.



Service updates

Dynamics 365 updates - an improved experience

One version, with all customers on the latest available version

- Concentrated effort on improving the product
- Enable collaboration
- Better support

Predictable updates with continuous deployment

- Major releases
- Minor service updates
- Security updates

Early visibility of upcoming changes

- New capabilities and functionalities
- Backward compatibility

Test new capabilities ahead of time

Service updates



If you have additional sandbox environments, they will be updated with the same cadence as the scheduled production update. [Learn more about update additional sandbox.](#)

For a detailed view on when your configured sandbox and production environment will be updated [View the update calendar.](#)

To view recently canceled updates for your environments, [View recent canceled updates](#)



Update settings

DEFAULT SANDBOX UPDATE ENVIRONMENT

The sandbox environment selected below will be updated **7 days** before your production environment is updated. The Sandbox: Standard Acceptance Test environment included in the base offer is selected by default. If needed, you can select another sandbox environment as the default sandbox update environment below.

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▼

PRODUCTION ENVIRONMENT UPDATE CADENCE

Select below the recurring cadence for updates to your PRODUCTION environment. The sandbox environment configured above will be updated seven calendar days prior to the day you select for Production updates below.

	Cadence	Time Zone	Day of the week	Time Slot
Every month	Second (Selected) ▼	US Eastern Time (UTC – 4) ▼	Saturday (Selected) ▼	4 AM to 7 AM (Selected) ▼

Updates to **Production** are scheduled for the **Second Saturday** of every month starting **4 AM to 7 AM US Eastern Time (UTC – 4)**.

Save



Pause Updates

Temporarily **pause updates** from being applied by Microsoft to the environments within this project for the selected time window. When updates resume, the designated sandbox and production environment will be updated to the **latest service update before it can be paused again**.

[Pause upcoming update](#)

Service updates – what's new?

- 8 service updates -> 7 service updates (no update in January).
- Previews are now made available for all customers as deployable packages in the Shared Asset Library in LCS
- A manual update of the default sandbox to the same or a higher version does not cancel the update to production.

Service updates – what's new?

- All the additional sandboxes will be updated on the same cadence as the production environment.
 - ✓ Not applicable when the production environment is not deployed
 - ✓ Manual update **before** notification email => production and sandboxes updates are cancelled
 - ✓ Manual update **after** notification email => production update is cancelled, sandboxes get updated
 - ✓ Pause default sandbox => production and sandboxes paused
 - ✓ Pause production only => sandboxes paused

[Configure service updates through Lifecycle Services \(LCS\) - Finance & Operations | Dynamics 365 | Microsoft Learn](#)



Quality updates

Finance and operations apps quality updates

- Cumulative builds of hotfixes
- Do not include new features
- Are only provided for service updates that have not exceeded the end of service date
- Every service update version (e.g. 10.0.29) could have a given number of quality updates (e.g. 10.0.1326.61 or 10.0.1326.96)

Targeted release schedule (dates subject to change)

ⓘ Note

Sandbox auto-update takes place 7 days prior to the production update. End of service indicates the date when no new cumulative service updates will be provided.

Version	Preview availability	Generally available (self-update)	Auto-update schedule (via LCS Update Settings) production start date	End of service
10.0.38 (The "February" release)	October 13, 2023	January 12, 2024	February 2, 2024	April 12, 2024
10.0.37 (The "November" release)	September 1, 2023	October 20, 2023	November 3, 2023	March 15, 2024
10.0.36* (The "October" release)	July 31, 2023	September 15, 2023	September 29, 2023	January 12, 2024
10.0.35 (The "August" release)	May 26, 2023	July 14, 2023	July 28, 2023	October 20, 2023

Quality updates – what's new?

➤ Proactive delivery of quality updates

- ✓ Microsoft is automatically applying quality updates via a safe deployment process (SDP)
- ✓ In place for a number of customers already
- ✓ The proactive delivery is only targeting sandboxes for now, production environments will follow at a later stage, to be announced
- ✓ Cannot be paused, delayed or rescheduled
- ✓ Quality updates are not applied to environments if there is an impending service update scheduled within a week
- ✓ The proactive delivery of quality updates applies to all supported versions



Subscription estimator

Subscription estimator

- Lifecycle Services (LCS) tool which helps estimate the size of the production environment
- Highlights peak workloads in terms of transaction counts

Subscription estimator

What is subscription estimator?

Subscription estimator provides an automated estimate of the subscription needed for your production instance. It uses the subscription licenses and transaction details to infer your subscription needs. While you can have multiple estimates, you need to mark one estimate as 'Active'.

[+ New estimate](#) [✎ Edit estimate](#) [🗑 Delete estimate](#) [🕒 Mark active](#) [📄 Sample usage profile](#)

Active estimate

Name	Estimated by	Created on
Test	SA Solutions Architect	11/9/2021 3:51 PM

Other estimates

Name	Estimated by	Created on
Click on the New estimate button to get started.		

Test

Specifications

The subscription license(s) are recorded at the time of an estimate's creation. If the subscription licenses have changed recently, please create a new estimate to refresh this data.

[📄 Usage profile](#) [⬇ Licensing requirement](#)

Enterprise user count: 20


Activation history

Active dates	Activated by
11/9/2021 3:51 PM - to date	SA Solutions Architect

Subscription estimator – what's new?

- Licenses are acquired at a tenant level, as such when a customer is running multiple implementation projects in the same tenant, every LCS project will count the total number of licenses available within the tenant. A **warning** message will state "Subscription estimate is not complete" as the total license count in all active subscription estimates exceeds the total licenses available
- ✓ The individual project teams need to **edit the active subscription estimate** and update the license allocation accordingly

ACTION CENTER

 Subscription estimate is not complete.
The total license count allocated in the active subscription estimates across all the projects in your tenant exceeds your tenant's total purchased license count. Please see the following guide on how to manage multiple implementation projects in LCS to correct this.

[Multiple LCS projects and environments on one Azure AD tenant - Finance & Operations | Dynamics 365 | Microsoft Learn](#)

Subscription estimator

What is subscription estimator?

Subscription estimator provides an automated estimate of the subscription needed for your project. It uses the subscription licenses and transaction details to infer your subscription needs. While multiple estimates, you need to mark one estimate as 'Active'.

[+ New estimate](#) [Edit estimate](#) [Delete estimate](#) [Mark active](#) [Sample](#)

Active estimate		
Name	Estimated by	Created on
Test	SA Solutions Architect	11/9/2021 3:51 PM

Other estimates

Name	Estimated by	Created on
Click on the New estimate button to get started.		

Edit estimate

Below you may edit the licenses allocated to this subscription estimate. By default each estimate that is created will be assigned the full count of all licenses purchased by the project's tenant. The "Purchased total" amounts shown below represent the full count of licenses purchased by the owning tenant of this project for the product type of this project. Please note that the sum total of the allocated licenses counts for the "Active estimate" subscription estimate for every project in a tenant must not exceed the "Purchased total".

For additional information see: [Subscription estimator documentation](#)

Enterprise user count	Purchased total
<input type="text" value="20"/>	<input type="text" value="177"/>
Activity user count	Purchased total
<input type="text" value="0"/>	<input type="text" value="0"/>
Team Member user count	Purchased total
<input type="text" value="0"/>	<input type="text" value="0"/>
Device count	Purchased total
<input type="text"/>	<input type="text"/>

[Save](#) [Cancel](#)

Thank you

