Agenda

- Terminology and concepts
- Available geographies for Lifecycle Services
- Finance and operations geo to geo migration
- Best practices and considerations
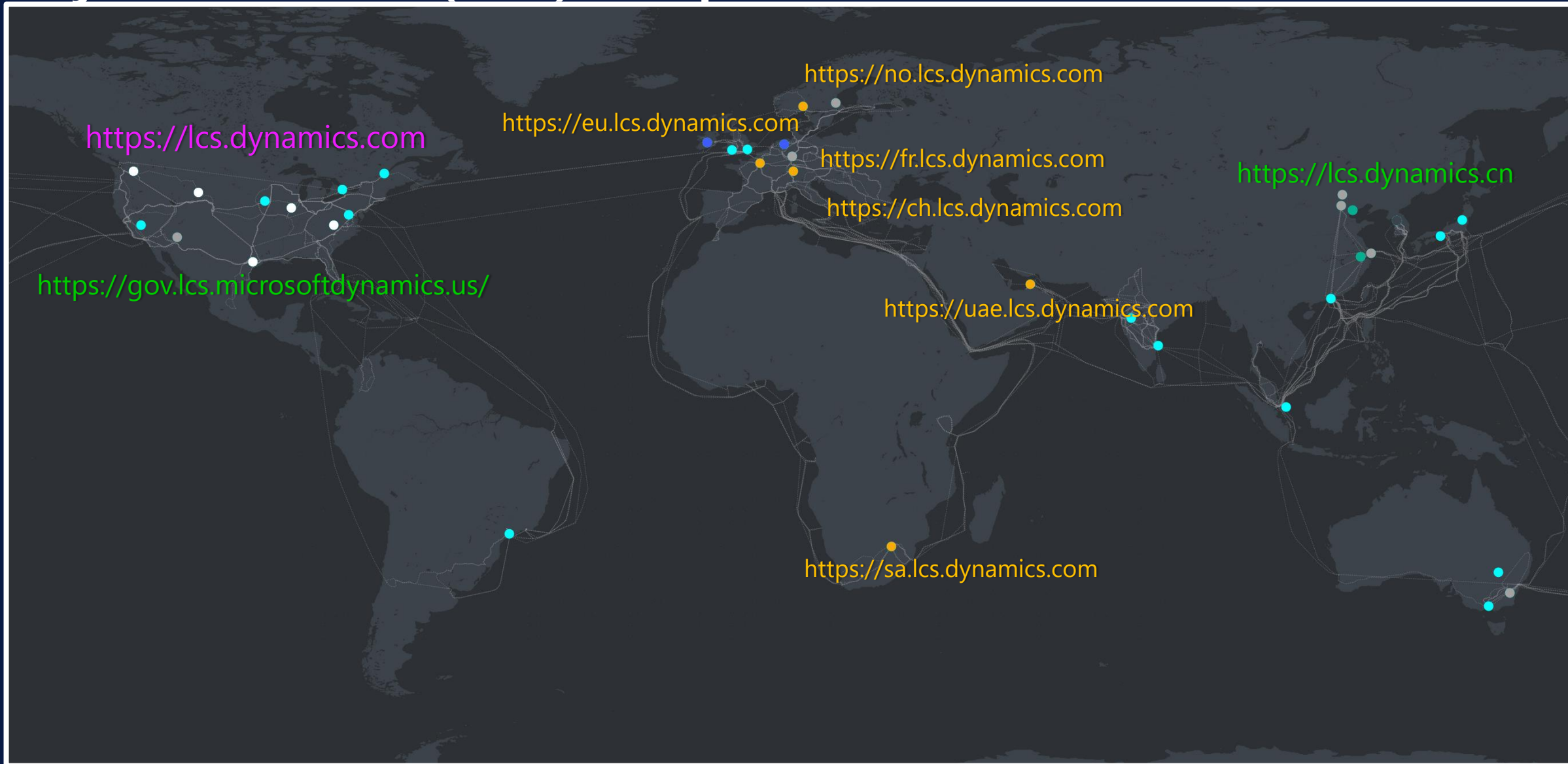
Terminology and concepts

Terminology and concepts

- Region
- Geography
- Data residency
- Cloud offerings

Lifecycle Services (LCS)

Lifecycle Services (LCS) endpoints

https://no.lcs.dynamics.com

https://eu.lcs.dynamics.com

https://lcs.dynamics.com

https://fr.lcs.dynamics.com

https://lcs.dynamics.cn

https://ch.lcs.dynamics.com

https://gov.lcs.microsoftdynamics.us/

https://uae.lcs.dynamics.com

https://sa.lcs.dynamics.com

Endpoint URLs

Patterns: *(.<region>).dynamics.com / *.gov.microsoftdynamics.us / *.dynamics.cn

Options	LCS endpoints	URL to Prod	URL to Sandbox
Global*	https://lcs.dynamics.com	https://contoso.operations.dynamics.com	https://contoso.sandbox.operations.dynamics.com
EU	https://eu.lcs.dynamics.com	https://contoso.operations.eu.dynamics.com	https://contoso.sandbox.operations.eu.dynamics.com
France	https://fr.lcs.dynamics.com	https://contoso.operations.fr.dynamics.com	https://contoso.sandbox.operations.fr.dynamics.com
UAE	https://uae.lcs.dynamics.com	https://contoso.operations.uae.dynamics.com	https://contoso.sandbox.operations.uae.dynamics.com
South Africa	https://sa.lcs.dynamics.com	https://contoso.operations.sa.dynamics.com	https://contoso.sandbox.operations.sa.dynamics.com
Switzerland	https://ch.lcs.dynamics.com	https://contoso.operations.ch.dynamics.com	https://contoso.sandbox.operations.ch.dynamics.com
Norway	https://no.lcs.dynamics.com	https://contoso.operations.no.dynamics.com	https://contoso.sandbox.operations.no.dynamics.com
Etc...			

* Environment deployed through Global might have region in url

LCS API: https://lcsapi(.<region>).lcs.dynamics.com

What is stored where

	LCS Project	Project information Users Assets
	Environment	Databases Cloud Storage

Finance and Operations Geo to Geo migration

Finance and operations geo to geo migration

- Considerations
- F&O environment migration process
- Lifecycle services (LCS) project migration process
- Power platform migration process

Considerations

Local cloud	Global cloud	Sovereign cloud
Data resident geographies	*Non-data resident geographies*	**Sovereign data resident geographies**
Support data residency, specific geographies as outlined here e.g. France, South Africa	Geographies other than mentioned here e.g. US, UK	[US Government Community Cloud [GCC]](link) [China operated by 21Vianet](link)
Migration is supported e.g. US to UAE or EU to Norway	Migration is supported e.g. US to UK or US to Canada	Migration is NOT supported
Change of F&O Environment URL and LCS endpoint as mentioned here e.g. US to UAE, URL will change from https://<EnvironmentName>.operations.dynamics.com/ to https://<EnvironmentName>.operations.**uae.**dynamics.com/ https://lcs.dynamics.com to https://**uae.**lcs.dynamics.com	No Change of F&O Environment URL and LCS endpoint e.g. US to UK, URL will not change and remains https://<EnvironmentName>.operations.dynamics.com/ https://lcs.dynamics.com	

Considerations

Availability of Business applications features in target geography

- [Microsoft Business Application Feature Availability – Americas](#)

- [Microsoft Business Application Feature Availability – EMEA](#)

- [Microsoft Business Application Feature Availability - APAC](#)

Integration impact and updates with other services

- 3rd party integrations

- F&O add-ins

- Commerce integration

New LCS Project ID and URL

- Update the build / release pipeline automation!

F&O environment migration process

Private Preview, no confirmed GA date

[Geo-to-geo migrations - Finance & Operations | Dynamics 365 | Microsoft Learn](#)

- Move environments in single tenant from source to target geography
- Only supports sandbox and production environments, no CHE
- Environment migrations are <u>not</u> self-serve
  - Require customer-initiated support ticket(s)
  - At least 10 days before start environment migration
  - One ticket per environment migration
- **Downtime up to 48 hours**

F&O environment migration process

Responsible party	Before migration	During migration	After migration
Customer	• Submit support ticket for geo-to-geo migration. • Prior to migration, uninstall any add-ins • Ensure all 3rd party integrations with environment are disconnected		• Reinstall any add-ins. • Ensure all 3rd party integrations with environment are connected. • Optionally migrate retail components.
Microsoft	• Review geo-to-geo migration request. • Approve geo-to-geo migration request. • Premigration work begins 12 hours before the scheduled downtime	• Unlink Dynamics 365 F&O and Dataverse environments. • Perform the migration of the F&O environment. • Perform migration of Dataverse environment. • Relink F&O and Dataverse environments.	• Microsoft Support will notify customer about migration updates (success/failure)

Lifecycle services (LCS) project migration process

Private Preview, estimated GA date mid April 2023

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

- LCS Project migration manager is a self-serve process in LCS portal
- Schedule LCS project migration <u>without</u> any support ticket
- Migration process will trigger as per scheduled date
- Track progress in LCS portal
- **Feature is visible only to project owners belonging to tenant of project**
- Only for cloud implementation projects
- Not all data can be transferred, see [detailed list](#)
- **Overall process, including environments restart, can take up to 2 hours**
- After successful migration, source project is locked and data in read-only mode

Lifecycle services (LCS) project migration process

Schedule Migration

Select target geo

EU Test

Migration start time

| 1/7/2023 | 2 | 00 | PM |

Important! Not all data for your project is automatically migrated. During the migration, the project will be locked changes. Each of your Finance and Operations Sandbox an Production environments will experience 60 minutes of downtime while their connection to LCS is refreshed.

Click here to learn more about Geo to Geo Migration

☑ By checking this box, you agree to move your project to the target Geo you have selected, that not all project data is copied automatically, and that your environments will have downtime.

Confirm   Cancel

Power platform migration process

F&O environment without Dataverse	F&O environment with Dataverse
• Follow process to migrate Power platform environment separately • More info: [Geo to geo migrations - Power Platform | Microsoft Learn](#)	• Part of F&O environment migration process • Corresponding Dataverse environment will also be migrated at the same time • Dataverse will be relinked to new F&O endpoint

Best practices and considerations

Best practices

CONSIDER FEATURE PARITY AND COMPLIANCE

CHANGE MANAGEMENT

PREPARE AND PLAN

Thank you

Microsoft Dynamics 365