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Minimize Downtime when Transitioning to SAS for Internal Azure Storage Managed by FinOps

2025-05-12 - Alice Petruzzella - [Comments \(0\)](#) - [Lasernet FO Connector News](#)

Lasernet for Dynamics 365

As announced in the [news post](#) on Formpipe's Support Portal, Microsoft is starting the **Enablement of Managed identity-based authentication** in Dynamics 365 Finance and Operations for Sandbox and Production (PROD) environments.

Once this happens, the **EnableRegisterOfAzureStorageInterceptors** Flight mode will be set to **Yes**.

Note

This article provides important information regarding possible downtime for Dynamics 365 Finance and Operations customers.

Completion dates:

- Sandbox: 21st April 2025
- PROD: 31st May 2025

Once the **EnableRegisterOfAzureStorageInterceptors** Flight mode is set to **Yes**, user-delegated SAS will be supported in your Microsoft-managed environment.

However, if you have multiple AOSs, as is typical in PROD environments, a delay may occur while the change synchronizes to all your AOSs. This may cause downtime or inconsistent behavior between users. Some examples of this behavior include:

- Using **Recycle SAS token** in **Lasernet > Setup > Parameters** results in errors for some users.
- Printing only works for some users. Changing the **Send SAS tokens** value in **Lasernet > Setup > Parameters** may fix the issue for some of them.

If the Flight mode has been enabled and the environment should support user-delegated SAS (Flight mode **EnableRegisterOfAzureStorageInterceptors** set to **Yes**), but you experience issues when printing, this is likely due to the Flight mode change not being complete in all your AOSs. Set **Send SAS tokens** back to **Disabled** in **Lasernet > Setup > Parameters**, wait at least one day, and then set the value to **Automatic** or **User delegated key**.

Standard view ▾
Lasernet parameters

General
Performance
Internal storage
Email
License terms
Catalog
Version
Install / Upgrade tasks

Access internal D365FO storage (Azure storage managed by FinOps, all settings here are for all companies)

Using connection string ▾
Using SAS tokens ▾

Recycle SAS tokens

SETTINGS

Send SAS tokens: **Disabled** (highlighted in red)
SAS token lifetime (hours): 144
Send storage account name: Yes
SAS token recycle window (hours): 24
Use minutes: No

PERMISSIONS

Read: Yes
Write: Yes
Delete: Yes
List: Yes

ACCOUNT KEY STORED ACCESS POLICY

Use policy: Yes
Policy: LAC

CURRENT SAS VALUES

Instance name	Storage account name	Type	Start date/time	Expiration
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

SAS URI:

Related MS flight modes: EnableRegisterOfAzureStorageInterceptors: Yes | EnableSharingOfValidStorageConnectionString: Yes

To minimize the risk of downtime, you may choose to proactively coordinate the Flight mode change with Microsoft before the completion dates mentioned above.

Follow the recommended steps:

1. Manually configure the use of connection strings. This will be temporary while the Flight mode change syncs to all AOSs.

a. Navigate to **Lasernet > Setup > Parameters** and set **Send SAS tokens** to **Disabled**.

b. Navigate to **Lasernet > Setup > Administration > Lasernet servers** and ensure the **Lasernet Azure Command name in the reports storage** field either points to your Azure Storage command or is left blank.

c. **Validate** the Lasernet server.

2. Coordinate with Microsoft to enable user-delegated SAS before the deadline.

a. Contact Microsoft and request that they enable user-delegated SAS in your environment by setting your **EnableRegisterOfAzureStorageInterceptors** Flight mode to **Yes**. You will need to provide Microsoft with your Environment ID.

b. Request that Microsoft make the change after hours to increase the chance that all AOSs are synced in the morning.

c. Request that Microsoft restart all AOSs after the switch.

3. Wait for the Flight change to be completed in all AOSs. The amount of time necessary will depend on the number of AOSs. We recommend waiting at least one full day after the Flight mode has been turned on before proceeding to the next step.

4. Enable **Send SAS tokens**.

a. Navigate to **Lasernet > Setup > Parameters > Performance** and set **Send SAS tokens** to **Automatic**. Click **Recycle SAS tokens** to ensure no errors occur and the environment supports user-delegated SAS.

b. Navigate to **Lasernet > Setup > Administration > Lasernet servers** and ensure the **Lasernet Azure command name to reports storage** field points to your Azure Storage SAS command or is left blank.

c. **Validate** the Lasernet server.

The instructions provided in this article are applicable if you meet all the following criteria:

- Microsoft-managed Dynamics 365 Finance and Operations environment
- Lasernet FO Connector 7.1 and above
- Lasernet 10.10.2 and above
- Flight mode **EnableSharingOfValidStorageConnectionString** is set to **Yes**.

If you have a different type of environment or if you would like more information on this topic, consult [this](#)

[article](#).

If your Lasernet FO Connector and LaseNet versions are older than 7.1 and 10.10.2, respectively, you must upgrade to comply with Microsoft's improved platform security.