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

2025-05-12 - Alice Petruzzella - Comments (0) - Lasernet FO Connector News

As announced in the news post on the Lasernet 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:

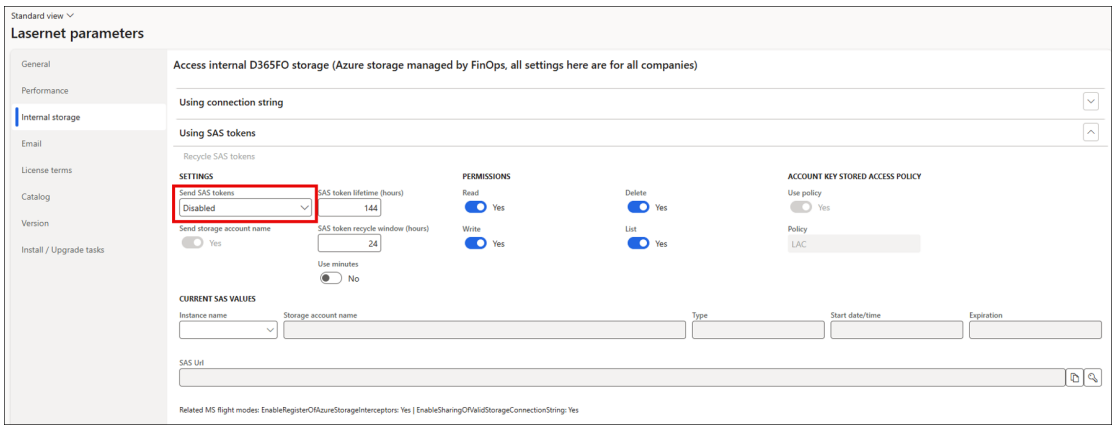
- Sandbox: 21st April 2025
- PROD: 31st May 2025

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**.



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 Lasernet versions are older than 7.1 and 10.10.2, respectively, you must upgrade to comply with Microsoft’s improved platform security.