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Recycled Connection Strings for PROD Environments

2025-07-21 - Alice Petruzzella - [Comments \(0\)](#) - [Lasernet FO Connector News](#)

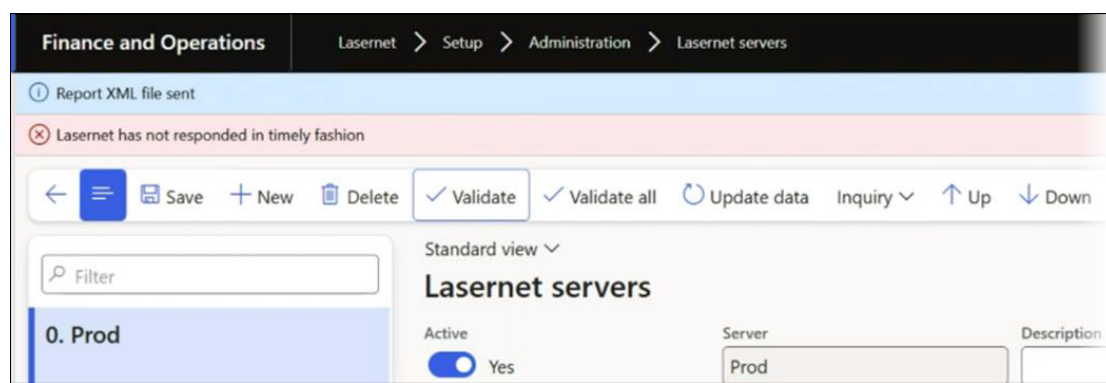
Several customers are encountering an issue resulting from Microsoft's rotation of the access keys for the Azure Storage managed by Microsoft Dynamics 365 Finance and Operations.

This is due to Microsoft recycling the connection strings.

The following error occurs when validating the Lasernet server in Lasernet FO Connector:

Error

Lasernet has not responded in timely fashion



The following error occurs in Lasernet Monitor or when testing the Lasernet Azure Storage connection. This error also occurs in the Windows Event Viewer for the Lasernet Cloud Print Connector solution when the internal Azure Storage account is being used.

Error

403 Server failed to authenticate the request. Make sure the value of Authorization header is formed correctly including the signature.

```
Set JobInfo AttachmentFileStorageCategory[0] = lasernet
Running command 'Download Attachments'
Set JobInfo ModifierFailed[0] = 1
Set JobInfo ModifierErrorMessage[0] = 403 Server failed to authenticate the request. Make sure the value of Authorization header is formed correctly including the signature.
403 Server failed to authenticate the request. Make sure the value of Authorization header is formed correctly including the signature.
Added JobInfo AzureServiceBusResponse[0] = [binary data (0)]
```

Solution

To solve this issue, replace the existing connection string used for Azure Storage in both your Lasernet configuration and Lasernet FO Connector settings with a valid connection string.

Follow these instructions if you are using the Internal Azure Storage account:

- In Lasernet FO Connector 7.1.1, navigate to **Lasernet > Setup > Parameters > Internal storage** and copy the string found in the **Connection string** field.

Finance and Operations

Search for a page

USMF | Contoso Entertainment System USA

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

Connection string

Using SAS tokens

Recycle SAS tokens

SETTINGS

Send SAS tokens: Automatic

SAS token lifetime (hours): 144

Send storage account name: Yes

SAS token recycle window (hours): 24

PERMISSIONS

Read: Yes

Write: Yes

Delete: Yes

List: Yes

ACCOUNT KEY STORED AS

Use policy: Yes

Policy: LAC

- In Lasernet FO Connector 7.1 and earlier, navigate to **Lasernet > Setup > Parameters > Performance > Connection** and copy the string found in the **Connection string** field.

Finance and Operations

Lasernet > Setup > Parameters

USMF

Standard view

Lasernet parameters

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Performance Optimization

Settings

Tracking

Overflow

Report identification

Connection

Connection string

D365FO storage access using SAS tokens (Azure storage managed by FinOps)

Check if Lasernet module is compatible with current system

Labels cache

Reload labels Cleanup labels cache Clear labels cache

While the **Dynamics 365 Azure storage connection Type** can be used to connect to the Internal Azure Storage managed by FinOps, it is also possible to use the **Azure storage connection Type** and paste the connection string in the **AZURE STORAGE** field.

Standard view ▾

Connections

Identification

Connection id: Internal Azure storage

Connection type: Storage ▾

Environment id:

Settings

Type: Azure storage ▾

Azure Storage

Instance name:

If you are using the Lasernetet Cloud Print Connector and the **Azure Storage Connection-string** references the internal Azure Storage, you will need to redownload the Connector Configuration from **Lasernet > Setup > Cloud print connector setup > User setup** and reload it into the Cloud Print Connector application.

Finance and Operations | Lasernet > Setup > Cloud print connector setup > Parameters

Standard view ▾

Lasernet Azure Storage parameters

General

Print job status

Advanced

Set up Lasetnet Cloud Printing

Create download printer-information batch job Validate connection string Validate Service Bus connection string

Azure Storage Connection-string: StorageForCloudPr... ▾

Max connectors per user: 2

Max Azure Storage Stored Policies: 5

Azure Storage polling interval: 15

Outbound Queue Type: Azure service bus ▾

Azure Service Bus Connection: ServiceBusForClou... ▾

Global printer sharing: Share ▾

Keep newest printer-information: No

Finance and Operations | Lasernet > Setup > Cloud print connector setup > User setup

Standard view ▾

Azure User mapping

Download Lasetnet Cloud Print Connector-configuration

Additional Information

This error message can indicate that there is a problem with the connection string you are using.

One possible reason the connection string may suddenly become invalid is that the access keys for the Azure Storage have been rotated. This can be done by a user from within Azure as well as by Microsoft, as they manage the Internal Azure Storage.

A similar error may occur when looking up a container for which the expired connection string was used.

The solution proposed in this article will only work if you have a valid connection string for your Azure Storage, which contains the complete access key.

Note

The use of connection strings for the internal Azure Storage managed by FinOps will be deprecated by Microsoft in 2025. If your connection string is no longer valid, you may need to switch to SAS. We also recommend updating your cloud print connector solution to use an external Azure storage account as soon as possible to avoid downtime. For more info, consult [this news post](#).

