

Example: Setting Up External Storage on Azure

Last Modified on 06/13/2023 2:39 am EDT

V9.2

Overview

To set up a default attachments file storage location except the Active Directory Synchronization Service (ADSS) application, outside of the Cora SeQUENCE database, or to reset the default location back to the Cora SeQUENCE database, you need to run a PowerShell function. This is a one-time procedure that distributes the configuration to the applications deployed on the server.

The following procedures demonstrate how to set up the external file location except ADSS on an Azure storage service.

Obtain the required Azure account properties

Before you configure the connection to the file storage on Cora SeQUENCE, you need to access the Azure account to obtain the properties required to run the PowerShell functions.

Prerequisites

- Make sure that the that the Azure Storage subscription and configuration is ready.
- Coordinate with your IT Admin to get to get access to the relevant Azure Storage account.

Procedure

1. Sign in to <https://portal.azure.com/>, and go to **Storage Accounts**.
2. Copy the following properties:
 - a. Properties: Primary blob service endpoint
 - b. Access key:
 - Account name
 - Account key
 - Connection string
 - c. Container nameIf the container does not exist, create one.

Configure the connection to the file storage

You run two PowerShell functions to configure the storage location: the first sets the connection to Azure and the second sets the Azure service as the default file storage location.

Prerequisites

Before you run the PowerShell functions, make sure that you have the following properties at hand:

- Account name
- Account key (encrypted)

IMPORTANT

To encrypt the account key, run it through the Cora SeQUENCE Toolkit Encryption Tool.

- Primary blob service endpoint
- Connection string
- Container name
- Connection type: Depends on the storage service provider.
 - For Blob, enter AzureBlobStorage.
 - For File, enter AzureFileStorage.

Procedure

1. To configure the connection to the new file storage location, run this PowerShell function: [Add-CoraSeSequenceFilesStorageConfiguration](#).

Function structure

```
Add-CoraSeSequenceFilesStorageConfiguration -ConfigurationName "Provider name" -ConnectionType "AzureBlobStorage or AzureFileStorage" -RelativePath "Container name" -Connection "Primary blob service; encrypted account key;"
```

Example

```
Add-CoraSeSequenceFilesStorageConfiguration -ConfigurationName "Blob(emaillistener)Storage" -ConnectionType "AzureBlobStorage" -RelativePath "emaillistener" -Connection "BlobEndpoint=https://xxxxxxxxxxx.blob.core.windows.net;/BasePath=;DefaultEndpointsProtocol=https;AccountName=xxxxxxx;AccountKey=XXXXXXX"
```

2. To set the connection as the default file storage location, run this function: [Set-CoraSeSequenceDefaultFilesStorageConfiguration](#).

Function structure

To set a *new* location as default:

```
Set-CoraSeSequenceDefaultFilesStorageConfiguration -ConfigurationName "Provider name"
```

To reset to the Cora SeSequence database:

```
Set-CoraSeSequenceDefaultFilesStorageConfiguration -ConfigurationName "CoraSeSequence.Default"
```

Example

```
Set-CoraSeSequenceDefaultFilesStorageConfiguration -ConfigurationName "Blob(emaillistener)Storage"
```