

# Cora SeSequence 9.8.5 Release Notes

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This update includes enhancements and resolved issues.

## Enhancements

- Added support for ADFS (Active Directory Federation Service) self-hosted instances.

The screenshot shows the 'Add Record to: Credentials' form in the Cora SeSequence application. The left sidebar contains a navigation menu with 'Administration' expanded, and 'Credentials' highlighted in red. The main form area has the following fields:

- Name \***: Manager
- Client Identifier \***: b664f37a-5989-47fc-9c23-56194c52e258
- Client Secret \***: ZKe7Q~fzoolyzXWMDG2Fwr.XYY29\_WmsO3sA8
- Scopes \***: <script>alert('name!')</script>
- Identity Provider \***:  AzureAD  ADFS

At the bottom of the form are 'Add' and 'Cancel' buttons.

- Added the option to use expressions in service query bindings.

The screenshot shows the 'Query Parameters' dialog box. It contains a table with the following columns: Name, Type, Mask, Expression, and Nullable. The 'Expression' column is highlighted with a red box, and the value 'ds.Method.ReturnValue.TotalItemCount' is entered in the corresponding cell.

Name	Type	Mask	Expression	Nullable
TotalItemCount	Int32	TotalItemCount	ds.Method.ReturnValue.TotalItemCount	<input type="checkbox"/>

For example:

1. Open a Data Model.
2. Edit a service query.
3. To open the query binding wizard, click **Next**.
4. Edit the parameters.
5. To assign the total item count from the service, under **Expression**, enter the following:

ds.Method.ReturnValue.TotalItemCount

## Resolved issues

Component	Issue	Ticket #
ADSS	Graph API could not sync more than 20 users per group at a time.	921431
Expressions	Attachment expressions with the method <code>include</code> didn't work in completed instances.	661507

## Deployment

Download the release package from the [Cora SeSequence repository](#).

### NOTE

Contact [Support](#) to obtain credentials to access the Cora SeSequence repositories.

There are seven pre-built application deployment packages available, depending on the type of application that you are deploying. You install each Cora SeSequence application separately.

Site applications	Service applications
<ul style="list-style-type: none"><li>• Administration</li><li>• Flowtime</li><li>• Flowtime Lite</li><li>• WebAPI</li></ul>	<ul style="list-style-type: none"><li>• Job Execution Service (JES)</li><li>• Background Runtime Service (BRS)</li><li>• Active Directory Synchronization Service (ADSS)</li></ul>

When you deploy pre-built applications, you can choose between the *Standard* and *Premium* packages. The *Premium* package includes HotOperations. You can also build and deploy your own Cora SeSequence applications.



Click [here](#) to see how to deploy Cora SeSequence in an environment with pre-built applications.

For more details on installing and deploying Cora SeSequence, see [this article](#).

### IMPORTANT

With Cora SeSequence applications, also upgrade the database to this version. For more information on *database upgrade* paths, see [this article](#).

Before upgrade, make sure to update the PowerShell modules to the latest version. For *PowerShell modules version mapping with Cora SeSequence version*, see [this article](#).

Click [here](#) to view a sample PowerShell script. Consider this sample for reference only, and do not copy paste from here.

For *development* purposes, you can run Cora SeSequence with Microsoft SQL Server Developer Edition.

During upgrade, all product application folders are deleted and redeployed:

- Web and App config files are overwritten in each release. You need to reapply your custom configuration settings after the upgrade.
- All custom files located in the application folders are also deleted. Custom files should be packaged as a custom application NuGet.

Files in the central configuration location are not changed.

For more details, see [this article](#).