

RDL Sandboxing

- 2023-11-30 - Comments (0) - Lasetnet FO Connector FAQs

Lasernet for Dynamics 365

Enabling RDL sandboxing for a DEV/1Box environment does not exactly simulate a self-service environment because the self-service environment uses a “fabric hosting” and multiple reporting servers. With that, an attempt to enable RDL sandboxing has caused issues similar to the ones a self-service environment had. These issues are caused by some discontinued features (reflection) in the Reporting Server (SSRS). It should not be an issue for a newer version of Lasetnet FO Connector as the discontinued reflection should get “re-added” into SSRS/FO.

The following error is displayed:

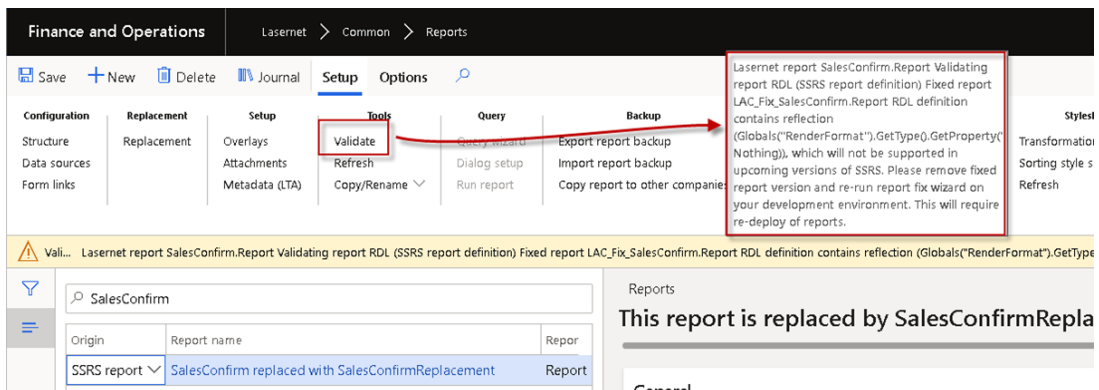
Error

System.Web.Services.Protocols.SoapException: The report server has RDL Sandboxing enabled and the Value expression for the text box 'textbox79' contains a reference to a type, namespace, or member 'GetType' that is not allowed.

While validating the report within Lasetnet FO Connector, the following warning is shown:

Warning

Fixed report LAC_Fix_SalesConfirm.Report RDL definition contains reflection (Globals("RenderFormat").GetType().GetProperty("Name").GetValue(Globals("RenderFormat"), Nothing)), which will not be supported in upcoming versions of SSRS. Please remove fixed report version and re-run report fix wizard on your development environment. This will require re-deploy of reports.



The screenshot shows the Lasetnet FO Connector interface. The top navigation bar includes "Finance and Operations", "Lasetnet", "Common", and "Reports". The main area is divided into several tabs: "Configuration", "Replacement", "Setup", "Tools", "Query", and "Backup". The "Tools" tab is active, and the "Validate" button is highlighted with a red box. A red arrow points from the "Validate" button to a warning message box that reads: "Lasernet report SalesConfirm.Report Validating report RDL (SSRS report definition) Fixed report LAC_Fix_SalesConfirm.Report RDL definition contains reflection (Globals('RenderFormat').GetType().GetProperty('Name').GetValue(Globals('RenderFormat'), Nothing)), which will not be supported in upcoming versions of SSRS. Please remove fixed report version and re-run report fix wizard on your development environment. This will require re-deploy of reports." Below the warning message, a table lists reports. The first row is highlighted and shows "SSRS report" as the origin and "SalesConfirm replaced with SalesConfirmReplacement" as the report name. A large text overlay on the right side of the table reads "This report is replaced by SalesConfirmRepla".

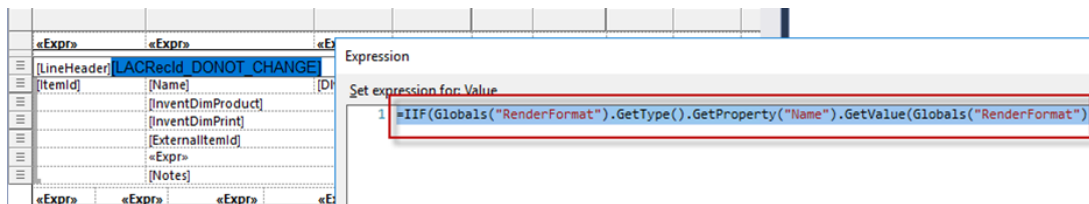
It is an issue only when using SSRS as the origin for Lasetnet and not when replacement

reports (Query reports). It requires re-fixing the reports within a DEV/1Box environment and re-deploying the reports in Lasernet FO Connector after installing version 6.2.0 or newer.

Technical Perspective

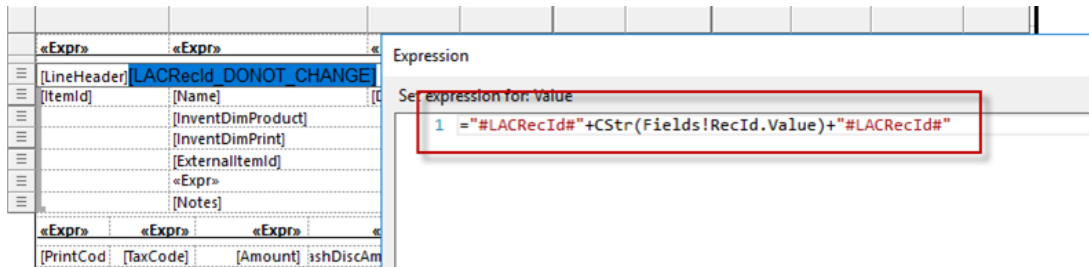
A "fixed report" is previously supposed to contain the following expression for the placeholder within SSRS. This reflection is discontinued in some versions of Microsoft Dynamics 365 Finance and Operations, but it should get "re-added" in the newer versions.

```
=IF(Globals("RenderFormat").GetType().GetProperty("Name").GetValue(Globals("RenderFormat")), Nothing)="XML", "#LACRecId#" + CStr(Fields!RecId.Value) + "#LACRecId#", "")
```



After re-fixing the reports in version 6.2.0, this expression is modified as follows:

```
="#LACRecId#" + CStr(Fields!RecId.Value) + "#LACRecId#"
```



Additional Information

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/reporting-experience-iias-environments>