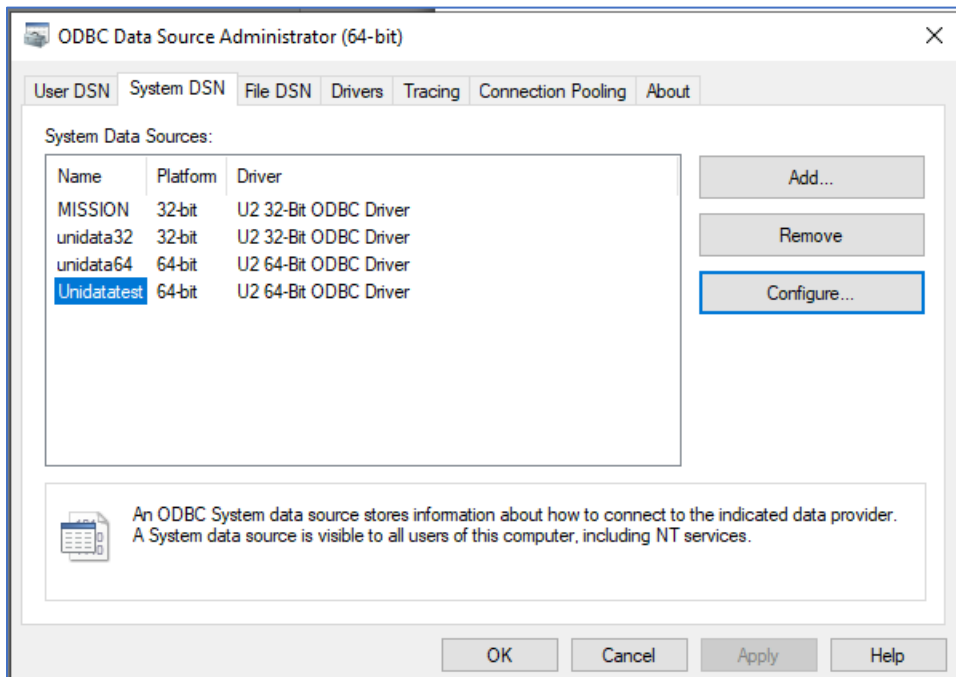
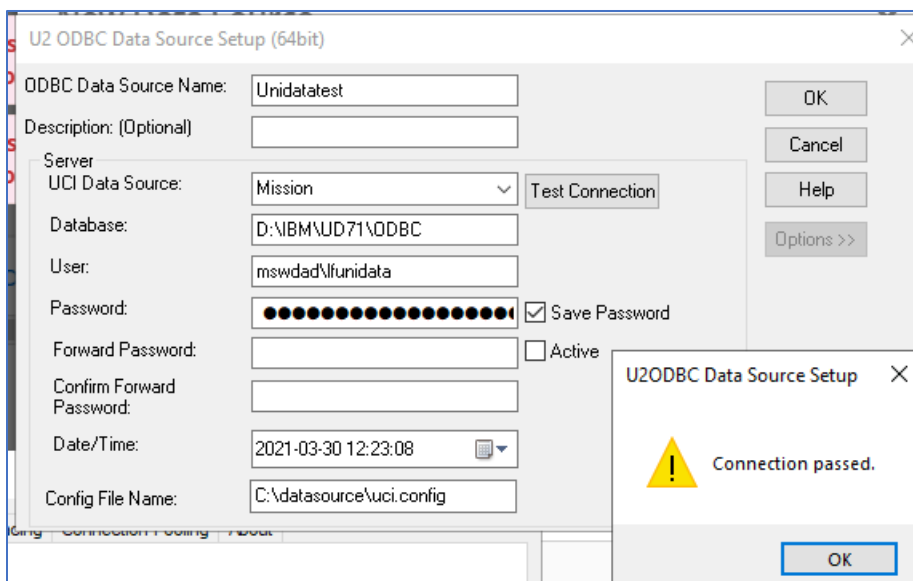


Laserfiche Server Database Connection

We created a 64-bit data source using the U2 ODBC driver. Laserfiche Forms connection test always fails when using a 32-bit datasource.



The config file is stored on the Unidata server, but I've also tested this as shown in the screenshot below, by copying the config file to the Laserfiche server. As you see, the connect test passes. This is also verifiable by launching Excel on the Laserfiche and pulling the data into a spreadsheet.



Configuring the datasource in Laserfiche Forms shows Success when the connection is tested.

The screenshot shows the 'New Data Source' dialog box in the Laserfiche Forms application. The dialog box is open, displaying the following fields and options:

- Name:** Unidatatest
- DBMS type:** ODBC (selected from a dropdown menu)
- Data Source Name:** Unidatatest
- Account:** Ifunidata
- Password:** (masked with dots)
- Test connection:** A button highlighted with a red rectangle, which has been clicked.

Below the 'Test connection' button, a green checkmark and the text 'Successfully connected to on Unidatatest.' indicate the success of the connection test.

At the bottom of the dialog box, there are three buttons: 'Learn more' (a link), 'Create' (a green button), and 'Cancel' (a grey button).

However, it is upon clicking “Create” that the connection fails.

New Data Source

An error occurred while testing the data source connection. See the Windows Event Log for details. [LFF2400-DataSourceConnectionError]

Name: Unidatatest

DBMS type: ODBC

Data Source Name: Unidatatest

Account: Ifundata

Password:

Test connection: ✓ Successfully connected to on Unidatatest.

[Learn more](#) **Create** Cancel

Reviewing the Event Logs, we can find events with the following data:

The screenshot shows the Windows Event Viewer application. The left pane displays the 'Event Viewer (Local)' tree with 'Windows Logs' expanded, and 'Applications and Services Logs' > 'Laserfiche' > 'Forms' > 'App' > 'Operational' selected. The right pane shows a list of events with the following columns: Level, Date and Time, Source, Event ID, and Task Category. The selected event is 2400, 'DataSourceConnectionError', at 3/30/2021 12:44:28 PM, source 'App'. Below the list, the 'Event 2400, App' details are shown, including a general description, details, stack trace, and log information.

Level	Date and Time	Source	Event ID	Task Category
Error	3/30/2021 12:44:28 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:34:47 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:34:27 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:30:32 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:20:36 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:15:35 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:15:27 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:11:54 PM	App	2400	DataSourceConnectionError
Error	3/30/2021 12:10:30 PM	App	2400	DataSourceConnectionError

Event 2400, App

General Details

An error occurred while testing the data source connection. See the Windows Event Log for details. [LFF2400-DataSourceConnectionError]

Details:
URL: /Forms/api/datasource/datasource
Error: DataSourceConnectionError
Date: 3/30/2021 12:44:28 PM (Pacific Standard Time)
HTTP Status Code: 400
Business Process ID: 0
User: forms
IP: 192.168.10.7
Browser: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3945.0 Safari/537.36
Business Process Name:

Stack Trace:
Caught exception: Laserfiche.Forms.CommonUtils.Exceptions.LFFormsException
Message: An error occurred while testing the data source connection. See the Windows Event Log for details. [LFF2400-DataSourceConnectionError]
at E.Forms.Controllers.AuthorizationController.DataSourceSaveDatasource(Int32 dbType, String displayName, String server, String db, String user, String pw, Boolean edit, Int32 dbId)
at lambda_method(Closure , ControllerBase , Object[])
at System.Web.Mvc.ControllerActionInvoker.InvokeActionMethod(ControllerContext controllerContext, ActionDescriptor actionDescriptor, IDictionary`2 parameters)
at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c.<BeginInvokeSynchronousActionMethod>b__9_0(IAsyncResult asyncResult, ActionInvocation innerInvokeState)

Log Name: Laserfiche-Forms-App/Operational
Source: App **Logged:** 3/30/2021 12:44:28 PM
Event ID: 2400 **Task Category:** DataSourceConnectionError
Level: Error **Keywords:** Session0,Session1,Session2,Session3
User: MSWDAD\lfadmin **Computer:** MSWD-LaserFiche.mswd.org
OpCode: Info
More Information: [Event Log Online Help](#)

An error occurred while testing the data source connection. See the Windows Event Log for details. [LFF2400-DataSourceConnectionError]

Details:

URL: /Forms/api/datasource/datasource

Error: DataSourceConnectionError

Date: 3/30/2021 12:44:28 PM (Pacific Standard Time)

HTTP Status Code: 400

Business Process ID: 0

User: forms

IP: 192.168.10.7

Browser: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3945.0 Safari/537.36

Business Process Name:

Stack Trace:

Caught exception: Laserfiche.Forms.CommonUtils.Exceptions.LFFormsException

Message: An error occurred while testing the data source connection. See the Windows Event Log for details. [LFF2400-DataSourceConnectionError]

at E_Forms.Controllers.AuthorizationController.DataSourceSaveDatasource(Int32 dbType, String displayName, String server, String db, String user, String pw, Boolean edit, Int32 dbId)

at lambda_method(Closure , ControllerBase , Object[])

at System.Web.Mvc.ControllerActionInvoker.InvokeActionMethod(ControllerContext controllerContext, ActionDescriptor actionDescriptor, IDictionary`2 parameters)

at

System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c.<BeginInvokeSynchronousActionMethod>b__9_0(IAsyncResult asyncResult, ActionInvocation innerInvokeState)

at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResult`2.CallEndDelegate(IAsyncResult asyncResult)

at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethod(IAsyncResult asyncResult)

at

System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_0.<InvokeActionMethodFilterAsynchronouslyRecursive>b__0()

at

System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_2.<InvokeActionMethodFilterAsynchronouslyRecursive>b__2()

at

System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_2.<InvokeActionMethodFilterAsynchronouslyRecursive>b__2()

at

System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_2.<InvokeActionMethodFilterAsynchronouslyRecursive>b__2()

at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethodWithFilters(IAsyncResult asyncResult)

at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c__DisplayClass3_6.<BeginInvokeAction>b__4()

at
System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c__DisplayClass3_1.<BeginInvokeAction>b__1(IAsyncResult
asyncResult)

Inner exception: System.InvalidOperationException

Message: The source contains no DataRows.

at System.Data.DataTableExtensions.LoadTableFromEnumerable[T](IEnumerable`1 source, DataTable table, Nullable`1
options, FillErrorEventHandler errorHandler)

at System.Data.DataTableExtensions.CopyToDataTable[T](IEnumerable`1 source)

at Laserfiche.Forms.EntityModels.Data.ODBCDBConnector.GetTableNames(String dbName)

at E_Forms.Models.ViewModels.DataSource.RegisterDataSource(Int32 dbType, String sourceDisplayName, String
server, String db, String user, String pw, Boolean edit, Int32 dbId, TimeZoneInfo tz, List`1 BPsAffected)

at E_Forms.Controllers.AuthorizationController.DataSourceSaveDatasource(Int32 dbType, String displayName, String
server, String db, String user, String pw, Boolean edit, Int32 dbId)