

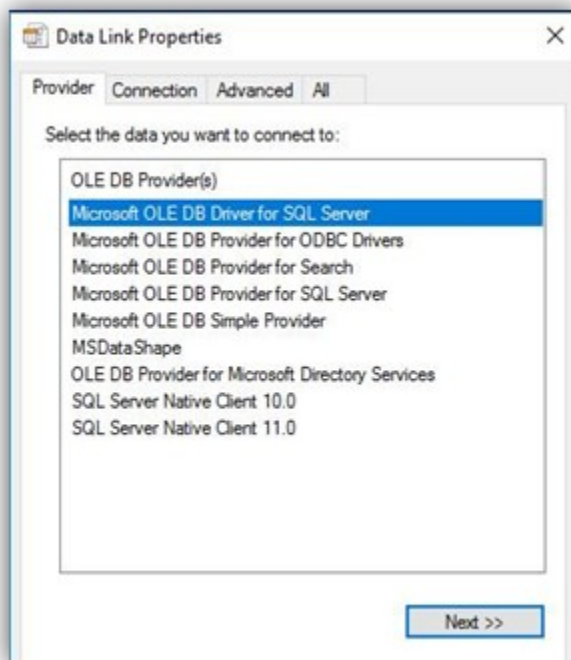
Our server manager attempted to apply the patch after upgrading the ODBC drivers, but the same result occurred. Below is the series of steps he took to test the script:

- Updated SQL ODBC drivers to latest on vAPP and vLFDS
- Removed old ODBC drivers on vAPP and vLFDS
- Broke Laserfiche immediately
- Reverted to snapshot
- installed new ODBC drivers again
- Applied script to vAPP and vLFDS
- Attempted to open Laserfiche but no bueno
- Went into registry on vAPP and vLFDS and enabled TLS1.0
- Laserfiche was able to connect
- Attempted to apply script to vDBEL
- Laserfiche was unable to open
- Enabled TLS1.0 and TLS1.1 in registry of vDBEL
- Laserfiche can now open again

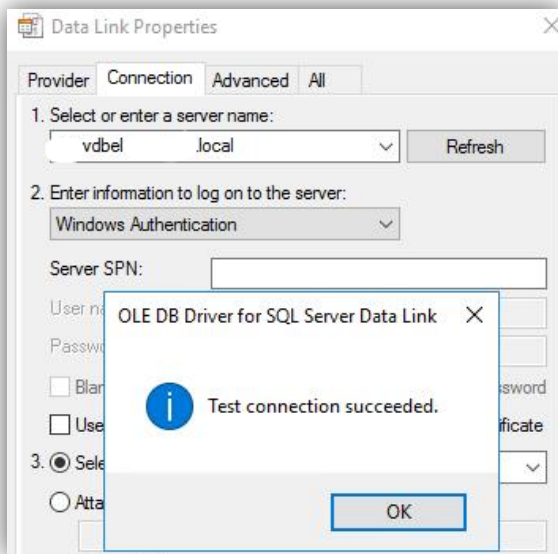
We did more digging this morning and found this nifty little tool to test SQL connections. Check out [this article](#) on MS support site on how to use .udl files for testing ODBC drivers.

Here is the skinny...

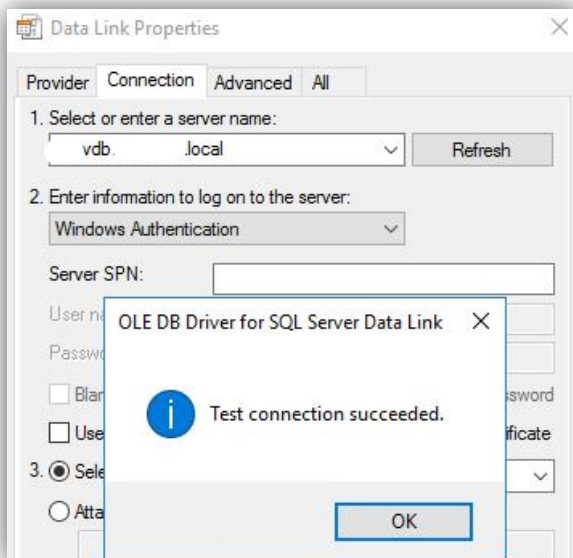
Using the above tool to test our ODBC drivers, I tested the Microsoft OLE DB Driver for SQL Server first.



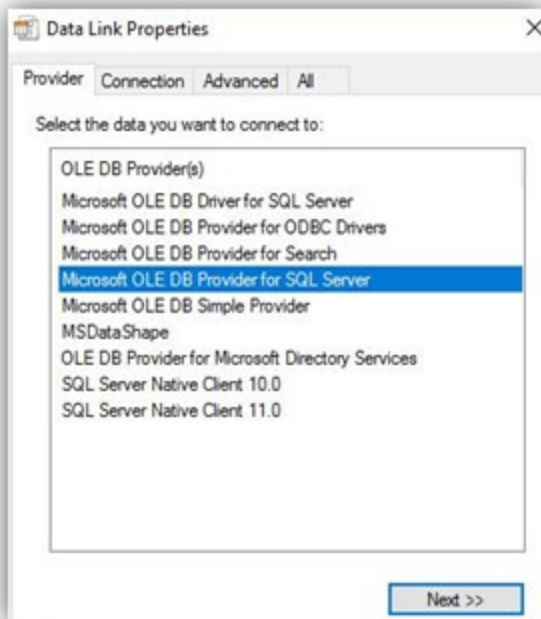
On the connection tab I type in the SQL server that has TLS 1.0, 1.1, and 1.2 enabled (vDBEL) and I receive a success message.



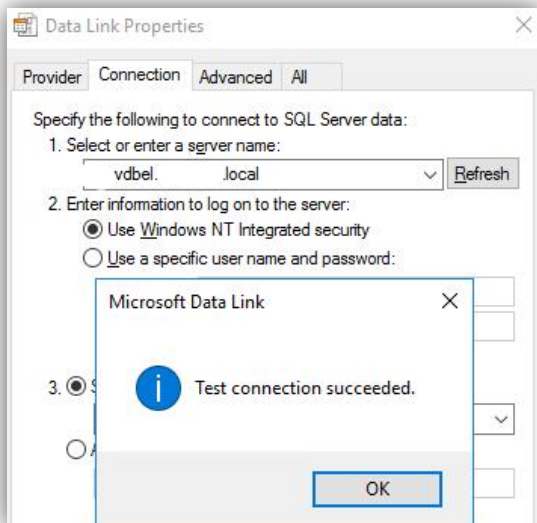
Now testing the connection to our SQL Server with only TLS 1.2 enabled (vDB), we also receive a connection success message.



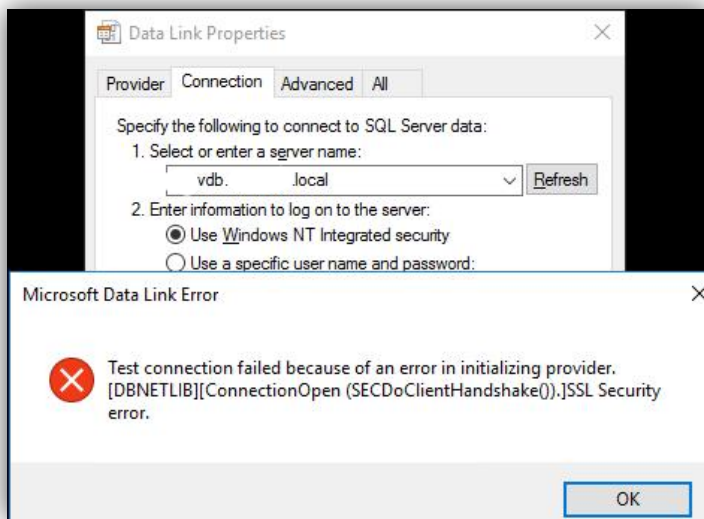
Next test, we change the provider to Microsoft OLE DB Provider for SQL Server.



Connection to vDBEL is good.



Connection to vDB is bad.



If we run a test against the SQL Server Native Client providers, results are like above. Version 10.0 on vDBEL will succeed and vDB will fail. Version 11.0 will succeed on both servers.

