Hi, we have a query about .NET web service

We have a .NET Web service project that works correctly in our client-server environment, for this we have deployed directly on IIS.

The application translates the data schema of our system to the HL7 2.0 schema used by other systems to which we want to send and receive information. The application consists of two services: translate_request and translate_response

Now we want to generate an .MSI application to deliver to a client and they have the same service in their client-server environment (An optimal improvement would be that they can choose which database and server to point to)

The application is working in Powerbuilder 2017R3, we migrated it to PB2021 R-1509 and it works perfectly too, deploying on IIS.

From PB2021 we generate a .MSI file, which we execute on a windows server 2019

(for this we previously installed another .MSI that contains .NET components with the Powerbuilder Runtime Packager 2021 application with the same version of runtime 1509 as seen in the images)

🥦 PowerBuilder Runtime Packager 2021 Select the components you want to put into the PowerBuilder Runtime Installer: PowerBuilder Base Components □ Database Interfaces ☐ RichTextEdit Support ADO .NET (ADO) TX TextControl ActiveX 15.0 O PowerBuilder 32-bit Components ☑ Direct Connect Interface (DB) ✓TX TextControl ActiveX 28.0 ·☑Informix v9.x Interface (IN9) Additional Features O PowerBuilder 64-bit Components ✓ Informix v10.x & v12.x Interface (I10) Compression Support JDBC Interface (JDB) Encryption and Decryption Support PowerBuilder .NET Components Including: Windows Forms Runtime Microsoft OLE DB Driver for SOL Server (MOD) JSON Support ODBC Database Driver (ODB) MS Excel 12 Support OLE DB Database Driver (OLE) - ✓ NativePDF Support PB DOM Oracle 9 & 9i (O90) ✓ Oracle 10 & 10g (O 10) RibbonBar Support Oracle (ORA) PowerBuilder Runtime Version - ✓ UI Theme Support OData (ODT) √XML Support 21.0.0.1509 SNC SOL Native Client (SNC) NET Assembly Calls SAP ASE (SYC) SAP ASE 15.x & 16.x (ASE) EJB Client Microsoft RichEdit Control Rich Edit Control (TE Edit Control) SOAP Client for Web Service Web Service DataWindow Support Select the file name for PowerBuilder Runtime Package: PowerBuilder Runtime Installer (.msi) PowerBuilder Runtime Merge Module (.msm) C:\wtp\PBNETRT 21.0.0.1509.msi <u>C</u>ancel

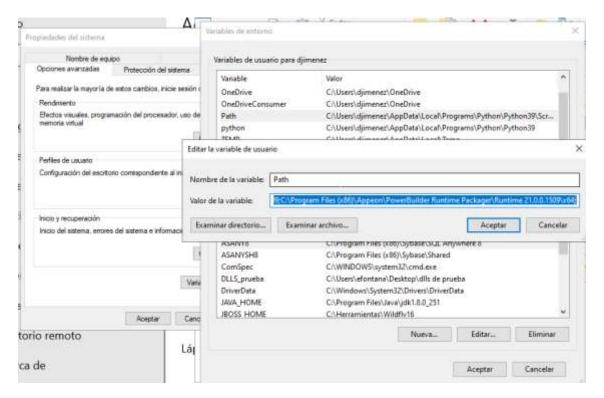
Both files .msi was generated from Windows 10

Both files will be executed in a virtual machine with windows server 2019, to which IIS has been installed.

Now on the side of the virtual machine, we execute first the file with .net components

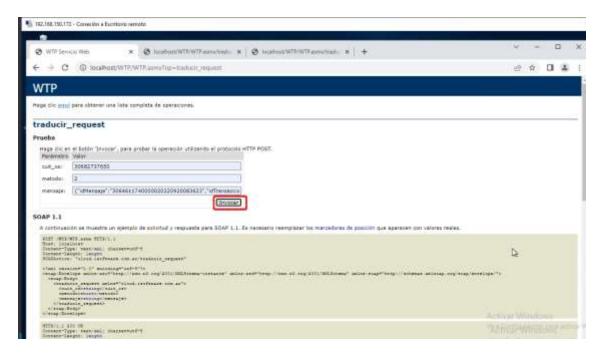


And add destination path to the path of the windows system environment (with and without last folder x/64)

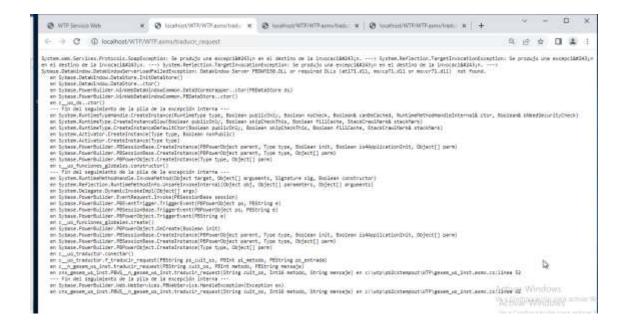


Restart the server so that the system reads this path and then, we run the generated .msi application.

After that, the application on IIS respond correctly.



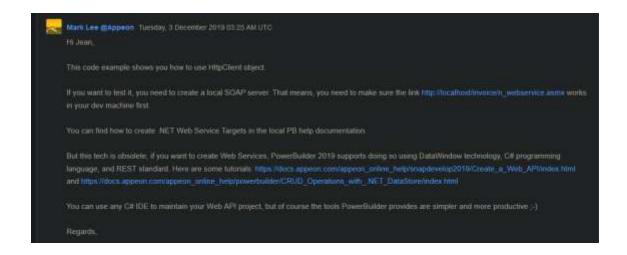
Now when querying the application, we get the following error



Question 1- Is there any solution about it from Application generated by Powerbuilder 2021?

Searching in the community, we found this suggestion from Mark Lee to run the project from C# IDE (which is interesting for the optimal improvement, we could configure database via appsettings.json)

https://community.appeon.com/index.php/qna/q-a/web-service-with-powerbuilder



As a second option, it would be to take the project to Snapdevelop and publish it as a File system.

Question 2. Would this option of publish, be the equivalent of the failed attempt to generate the .msi of the application to deliver it to the client?

Thank you very much for your time.