# SSIS Hack – SSIS Migration

PROBLEM STATEMENT

Now the databases have been migrated to Azure, the Data Warehouse SSIS Packages also need to be migrated from on Premise to Azure SSIS Integration runtime.

LAB INSTARUCTIONS

LAB Time 30 Mins

1. **Upgrade Package using the Wizard**

## Open the SQL 2008 Package using Visual Studio 2017

* + Open Lab Materials Folder
    - Drill into **SSIS Migration** Folder
      * Drill into **SSISDW** folder
        + Right click the SSISDW.sln solution file

Open with Visual Studio 2017

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## **Click OK** - Acknowledge this is a one way process

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## **Read and close** Migration report – No other action required

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## **Next** – Acknowledge Starting Page

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## **Next** - Selects packages to upgrade

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## **Next** - Select default Package Management Options

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## **Finish** - Complete the Wizard

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## **CLOSE -** Close the Wizard

1. **Convert to Project Deployment mode & update connection string**

## **Double click package to open it**

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## **OK –** Acknowledge connections strings will be updates

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## Start wizard to convert package to Project Deployment Model

* Right click SSISDE (package deployment model)
  + Select “Convert to Project Deployment Model
  + Graphical user interface, application

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## **NEXT x 6 -** Accept all the defaults by clicking Next until you get to the review TAB

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## **Convert** – This confirm you selections and starts the conversion

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## Acknowledge pop-up, close wizard and save package

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Graphical user interface

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## Check Package name no longer says “Package Deployment Model”

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## Double click Connection in Connection Managers

Application

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## Update Connection Manager

* Remember to update the following as per the diagram below
  + Test the connection
    - Click OK to save

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## Convert connection to project connection

* Right click Connection
  + Click convert to Project Connection

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* + Verify you now have a Project Connection

Text

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## Give the package a test run by clicking **Start**

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Deploy Package to the SSISDB on the Managed Instance

## Ensure Target Server Version = SQL Server 2017 (2019 is not supported by the SSIS-IR yet)

* + Right click Package and select properties

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* + Under “General” change “TargetServerVersion” to SQL Server 2017
  + Click Apply

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* If you get the “Do you want to reload” message, click **No to All**

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* Click **OK** to complete setting SQL Target Version

## **Right Click** package an select **Deploy**

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## **Next** – Acknowledge Intro TAB

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## Select **“SSIS in Azure Data Factory”** and click **Next**

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## Fill in ‘Select Destination’ TAB

* Ensure correct Server Name
  + Use SQL Authentication and credentials supplied
    - Click Connect

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Set path to your team folder by selecting Browse

HINT: Create new team folder if it does not exist. Select SSISDB to un-grey the “New Folder TAB”

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## Check details & click **Next** to continue

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## Click **Deploy** to continue

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## Click **Close** to confirm successful deployment

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Verify Deployment and test run package

## Log onto Managed Instance and find your package

* Integration Services catalog
  + Your Team folder
    - Projects
      * Package Name

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## Execute Package from Catalog

* Right click package and select execute

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## Click **OK** to execute

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## Yes – To view Execution Report

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## View and refresh report as required

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\*\*\* Bonus Points : See if you have time, try and schedule the job using SQL Server Agent \*\*\*