**DWH Deployment**

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| DWH ETL release  Date: 6/7/2017  Prepared by: Ian Meade |

**Pre-requisites**

* Deployment pack required
  + Includes:
    - TSQL scripts
    - SSIS deployment package
    - Resource files
      * Sample files included
    - DWH backup
      * Based on Migration with data fixes
* Server is suitable
  + Refer to other document << XXXX >>
* SQL Agent Job has access to file folders etc…
* User has SA rights

**Deploy databases:**

* Using SSMS
* On the DW server
* Open and run the following T\_SQL scripts
  + 01 Create new DBs.sql
  + 02 DWH.sql
  + 03 MDM.sql
  + 04 ProcessControl.sql
  + 05 Staging.sql
  + 06 T7\_ODS.sql
  + 07 XT\_ODS.sql
  + 08 Reuters\_ODS.sql
  + 09 StateStreet\_ODS.sql
  + 10 Stoxx\_ODS.sql
  + 11 ProcessControl Data.sql
  + 12 MDM Data.sql
* On the CMD box
  + **Note:** This is the first time databases have been deployed to the CDM sever
* Open and run the following T-SQL scripts
  + X1 CMD Create new DB.SQL
  + X2 CMD OracleLink.SQL

**Deploy SSIS packages**

* Using windows explorer, double click on ETL.ispac file
* Integration Deployment Wizard will open
* Introduction page
  + Click next
* Select Source page
  + Accept defaults on this page
  + Click next
  + **Note:** Ignore the warning about XML encryption if it appears
* Select Destination
  + Server name: enter name of target server .
  + Path:
    - Use browse button to select target folder.
    - Create a new folder if required
    - Set value to /SSISDB/DWH/ETL
      * **Note:** new folder name
  + Click next
* Review
  + Click Deploy
* Results
  + Click Close

**Configure connection strings**

* Using SSMS
* Open and run the following T\_SQL scripts
  + 20 SSIS Configuration – xxx.sql
    - Select appropiate version depending on target averment
  + 21 Assign parameters.sql

**Note:**

This is a new step

This script varies for each target server - ensure the correct versions is used

Do not deploy agent jobs – create manually

**Create SQL Agent Jobs**

* Using SSMS
* Open and run the following T\_SQL scripts
  + 10 AGENT JOB - Clear DWH.sql
  + 11 AGENT JOB - Main ETL.sql
  + 12 AGENT JOB - MDM Refresh.sql
  + New job required
    - Reuters Index Load
* Review SQL Agent Service Account
  + Proxy / domain account needed
  + Using “ianm” in T7-DDT-06

**This is a new step**

**Resource file structure**

* Copy the Resource folder to “C:\DWH\” on the command server

**Source file structure**

* Ensure the input folder structure exists
  + This structure exists in the release folder.
* The following is used in dev
  + C:\dwh\Files\Archive
  + C:\dwh\Files\Process
  + C:\dwh\Files\Reject
  + C:\dwh\Files\Sample files
  + C:\dwh\Files\Source
  + C:\dwh\Files\Resource