**PRS BI**

**Deployment Notes for BI UAT FPV Distribution Data Acquisition Release July 2018**

**People Involved**

BI Team (BI)

* Release Manager: Chris Ellis ([BIReleasemgmt@prsformusic.com](mailto:BIReleasemgmt@prsformusic.com))
* Release Assistance : Tim Firmin

Project Engineering and Technology (PET)

* <TBC> (SQLSupport@prsformusic.com)

**Sub Release Numbers**

FPVDD\_UATRelease1\_1.0.0

**Release Content**

This release implements the following components for the Hector 2 FPV Application Project:

* Azure SQL Database – DistributionFPV Related Objects:

(if not released prior)

* Integration Services Catalog – @ /SSISDB/FPVApplication/FPVDataIntegration
  + - Environment : UAT / PRD
* SQL Server Agent Job – New Agent Job Creation
* SSIS\_UAT401 FPV Application Integration

**Back Out Strategy**

Ensure pre deployment backups are taken for the following:

* ADW Server: azp-ms-sql-U001.database.windows.net
  + BISystemUAT
* SSIS Server: AZI-MS-SIS-U001
* SSISDB: AZI-MS-SIS-U001, 50501

Recover from these backups

**Release Summary**

* Pre-Release Start Datetime July 2018 13:00 <TBC>
* Release Start Datetime July 2018 16:00 <TBC>
* Estimated Duration 3 hours <TBC>

**Support Required**

* Normal Hours 09:00 to 17:00
* Out of Hours None

**Support Tasks**

**Project Engineering and Technology**

Release Manger UAT Access Requirements (and PRD equivalent)

* ADW Server: azp-ms-sql-U002.database.windows.net
  + BISystemUAT
* Azure SSIS Server: AZI-MS-SQL-U001
* Azure SSIS Server: AZI-MS-SIS-U001
* SSISConfiguration DB: AZI-MS-SIS-U001, 50501
* SSISDB: AZI-MS-SIS-U001, 50501

**Release Dependencies**

* Database Objects (if not part of this release) must exist and Proxy account needs appropriate (schema object) permissions via the prs\_subscribed\_application role.
* This project is release under the assumption that the DDI-FDM solution has been deployed and has FDM DDI objects active. See FDMDDI Release. FDMDDI\_UATRelease1\_1.0.0
* MDS MasterStation Model must be set up with appropriate proxy permissions on the MDS backend database.
* BI System is up to date in terms of Application and EntityType @ Control.EntityType.Populate.sql

**Pre-Release Actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
| <TBC> | 09:00 | 1 | **Start Azure UAT Servers using Azure Portal** | Azure Portal | BI |  |
|  |  | 1.1 | Start AZP-MS-SQL-U002.database.windows.net Azure DW Server |  |  |  |
|  |  | 1.2 | Start AZI-MS-SIS-U001 Azure SSIS Server |  |  |  |
|  |  | 2 | **Create SIS Folder on SIS U001/P001**  SSIS Folder on SIS Server /SSISDB/FPVApplication/FPVDataIntegration/ needs to exist with appropriate permissions for the Proxy Account |  |  |  |
|  |  | 3 | **Check Local Folder on SIS U001/P001**  Local Folder on SIS Server @ M:\Data\SourceFiles\DDI\ Exists with appropriate Proxy Permissions |  |  |  |
|  |  | 3.1 | Create Folder Structure as per  [\\ONP-MS-FSS-DV01\Data\Proj\FPV](\\\\ONP-MS-FSS-DV01\\Data\\Proj\\FPV)  **UAT**  MissingMinutes  Failed  Processed  Quarantined  MusicMinutes  Failed  Processed  Quarantined  PublicReception  Failed  Processed  Quarantined |  |  |  |

**Release Actions [note – some of these tasks now voided due to previous FDM releases]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
| <TBC> | 14:00 | 1 | **Deploy Distribution FPV Objects**  Execute the following scripts from the Deployment folder:  DB.DistributionFPV\_StagingBuild | SSMS | BI |  |
|  |  | 2 | **Deploy the SSIS ISPAC for Distribution FPV to /SSISDB/FPVApplication/FPVDataIntegration**  \FPVDD\_UATRelease1\_1.0.0\SSIS\ETL.FPV.ispac | SSMS | BI |  |
|  |  | 3 | **Deploy Azure Sql Server Agent Job**  Execute the following script to create the Job:   * SSIS\_UAT401 FPV Application Integration.sql | SSMS | BI |  |

**Post Release**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
| <TBC> | 18:00 | 1 | **Regression Testing** |  |  |  |
|  |  | 1.1 | Warehouse – Test User Query Access  <TBC> | SSMS | BI |  |
|  |  | 1.2 | SSIS – Test Load by executing  <TBC> | SSMS | BI |  |

**Points of Interest (Specials for this Release):**

* None

**All Modules within this release contained and labelled in TFS under the Release reference.**