**PRS BI**

**Deployment Notes for BI UAT NotificationSystem Release on XX XX 2018**

**People Involved**

BI Team (BI)

* Release Manager: Chris Ellis ([BIReleasemgmt@prsformusic.com](mailto:BIReleasemgmt@prsformusic.com))
* Senay Yilmaz

Project Engineering and Technology (PET)

* Claire Binnington (SQLSupport@prsformusic.com)

**Sub Release Numbers**

NotificationSystem1\_1.0.0

**Release Content**

This release implements the following components for the Statement Portal BI Project:

* Azure SQL Database Schemas:
  + Notification
* Integration Services Catalog – New Folder Creation – Server AZI-MS-SIS-U001
  + SSISDB Folder – **NotificationSystem** - Project Packages:
    - SSIS Notification System

**Back Out Strategy**

Ensure pre deployment backups are taken for the following:

* SSIS Server: AZI-MS-SIS-U001
* SSISDB: AZI-MS-SIS-U001, 50501

Recover from these backups

**Release Summary**

* Pre-Release Start Datetime XX XX 2018 09:00 <TBC>
* Release Start Datetime XX XX 2018 10:00 <TBC>
* Estimated Duration 6 hours <TBC>

**Support Required**

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

**Support Tasks**

**Project Engineering and Technology**

Release Manger Production Access Requirements:

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

**Release Dependencies**

* No impact on any other applications

**Pre-Release Actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who | Completed |
| XX/XX/2018 | 09:00 | 1 | **Start Azure Servers using Azure Portal** | Azure Portal | PET/BI |  |
|  |  | 1.1 | Start AZP-MS-SQL-U001.database.windows.net Azure DW Server |  |  |  |
|  |  | 1.2 | Start AZI-MS-SIS-U001 Azure SSIS Server |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | **2** | **Setup Deployment Folders** |  | PET/BI |  |
|  |  | 2.1 | Copy all files from TFS Label : **NotificationSystem1\_1.0.0** |  |  |  |

**Release Actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who | Completed |
| XX/XX/2018 | 9:00 | 1 | **Azure Elements Setup (on AZP-MS-SQL-U001.database.windows.net )** |  |  |  |
|  | 10:00 | 1.1 | **Deploy DB Objects for BISystem**  Execute the following scripts from...\BISystem deployment folder(order is important):   1. DB.CreateNotificationSchema.sql 2. DB.CreateNotificationDBObjects.sql   Save the results for each script in the release folder. | SSMS | PET/BI |  |
|  |  | 1.2 | Execute post deployment scripts in folder **PostDeployment :**   * Notification.Recipient.Populate.sql * Notification.Template.Populate.sql * Notification.TemplateParameterMapping.Populate.sql * Notification.TemplateRecipient.Populate.sql |  |  |  |
|  |  | 2 | **Deploy Azure SSIS Packages and Setup Environment (on AZI-MS-SIS-U001, 50501)** |  | PET/BI |  |
|  |  | 2.1 | SSIS project deployment files must be executed on the server Remote Desktop to AZI-MS-SIS-U001 using Admin User.  Create SSIS folder **Notification System** and give permissions to PRS\SQLProxyBIUAT user. | RDP Client | PET/BI |  |
|  |  | 2.2 | Copy the..\SSIS folder to C:\Releases folder on the AZI-MS-SIS-U001 server |  | PET/BI |  |
|  |  | 2.3 | Execute the following IS Project Deployment files to deploy the SSIS Packages to AZI-MS-SIS-U001.  SSISDB/ NotificationSystem /Projects:   * SSIS NotificationSystem.ispac | IS Deploy Wizard | PET/BI |  |
|  |  | 2.4 | Select the deployed SSIS package and right click configure. Update connections strings for parameters for UAT.   * strBISystemConnectionString * strNotificationConnectionStringADO | SSMS | PET/BI |  |
|  |  | 3 | **Package JOB Testing** |  | PET |  |
|  |  | 3.1 | Create New Job by executing :   * Uat.Job.NotificationSystem.sql   Trigger the Job. |  |  |  |
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**Post Release**

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| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

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

* None

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