**PRS BI**

**Deployment Notes for BISystem Release on 2nd Nov 2018**

**People Involved**

BI Team (BI)

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

Project Engineering and Technology (PET)

* Claire Binnington (SQLSupport@prsformusic.com)

**Sub Release Numbers**

BISystem\_NotificationFeatures\_1.0

**Release Content**

This release implements the features for the BI Notification process.

1. BI System database artefacts (tables, views, stored procedures, db functions)
2. Notification configuration data (recipients, notification templates, template parameters)
3. The notification process (SSIS)
4. A periodic schedule for the notification process (SQL Agent Job)

**Rollback Strategy**

Recover database to a pre-deployment backup.

Ensure pre-deployment database backups are taken for the following:

Server: AZP-MS-SQL-P001.database.windows.net

Database: BISystem

**Release Summary**

* Pre-Release Start Datetime 02 Nov 2018 09:00 <TBC>
* Release Start Datetime 02 Nov 2018 10:00 <TBC>
* Estimated Duration 2 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

* Azure PaaS Server: AZP-MS-SQL-P001.database.windows.net
* Azure IaaS Server: AZI-MS-SIS-P001,50501

**Release Dependencies**

* No impact on any other applications

**Pre-Release Actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
|  |  | 1 | **Azure Servers check using Azure Portal** | Azure Portal | PET/BI |  |
|  |  | 1.1 | Check AZI-MS-SQL-P001.database.windows.net is up and running. |  |  |  |
|  |  | 2 | **Setup Deployment Files** |  |  |  |
|  |  | 2.1 | Copy all files from TFS $/AnalyticsPlatform/Azure BI System /Deployment /Releases/NotificationFeatures\_Release\_1.0 |  |  |  |

**Release Actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Step | Activity | Deployment  Software | Who? | Completed |
|  |  | 3 | **Deploy BISystem database artefacts to BISystem database on AZP-MS-SQL-P001.database.windows.net**  Execute SQL script BISystem\_NotificationFeatures\_1.0.sql | SSMS |  |  |
|  |  | 4 | **Deploy SSIS Notification Process to Integration Services Catalog on AZP-MS-SIS-P001,50501** | SSMS |  |  |
|  |  | 4.1 | **Ensure SSIS Project Parameters are configured correctly for production environment.**   1. strBISystemConnectionString – connection string for BISystem 2. strNotificationConnectionStringADO – connection string for MSDB |  |  |  |
|  |  | 5 | **Setup periodic notification process schedule on AZP-MS-SIS-P001,50501**  Execute SQL script SQLAgent\_NotificationScheduledTask.sql | SSMS |  |  |

**Post Release**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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.**