

TIS Deployment Document



Project

MSHP-Version SP1.0 Staging Deployment (WebService Database Setup)

Environment

From: ☐ Development ☒ Integration ☐ Staging
To: ☐ Integration ☒ Staging ☐ PRODUCTION
Remigration? ☐ Yes ☒ No

Schedule

Monday, Jun 25, 2018

Application Target

☐ Chancery ☒ Custom .NET ☐ PeopleSoft ☐ SAP ☐ Other:

Request Type

☐ Emergency ☐ Enhancement ☐ Project ☒ Production Support ☐ Other:

Prerequisite

None

Overview

Membership Reports, first deployment onto Staging environment: Database/website creation and data migration.

Support Contact List

<i>Name</i>	<i>Roles / Responsibilities / Additional Info</i>
Dolly Rudra / Carlos Espinosa	Coordination
Julio Hernandez / TBD	Implementation

Backup Plan

Database Backup/Rollback Plan:

1. N/A (Initial deployment)

Complete Steps

A. Preparation

- Applicable placeholders for target environments:
 - [Database]**
 - a. server = `\\SQLSTG01,1435`
 - b. catalog = `MSHP`
 - [Web]**
 - a. server = `\\SPSTGAPI01` and other balanced servers
 - b. folder = `MSHP`
 - c. location: `D:\apistg.houstonisd.org\MSHP`
 - d. link: `https://apistg.houstonisd.org/mshp/`

B. Database Deployment

1. Connect to **[Database]** server with owner privileges
2. To create `MSHP` catalog , execute `MSHP-Step1, Create Database.sql` located on `\\admin-mps11\BusSolnLOBDevelopers\Deployment\MSHP\WebService_1.0\Database` against the new db
3. **Data Migration:**
 - a. If doesn't exist make a copy of `\\SQLPROD01\MSHP` db onto target **[Database]** server as `MSHP_Prod`
 - b. Execute `MSHP-Step2, Populate Database.sql` located on same location as step above – execution time about a minute.
4. Verify SQL object `u_MSHP` for **[Database]** catalog has correct access privileges. Share db password with codebase implementer

C. Web Deployment

5. Login onto **[Web]** server with admin rights
6. Create **[Web]** folder so the path is exactly as **[Web]** location
7. Copy all files from build location:
`\\admin-mps11\BusSolnLOBDevelopers\Deployment\MSHP\WebService_1.0\Codebase` onto new folder
8. Edit `web.config` file on **[Web]** location to verify correct values for `MSHPConnection` connection string:
 - a. `Data Source` on connection string: Same as **[Database]** Server above
 - b. `Password` on connection string: Obtain from DBA implementer
9. Create a new application: On IIS, **Add Application** to `appsstg.houstonisd.org` node with
 - c. *Alias*: `MSHP`
 - d. *ApplicationPool*: `DefaultAppPool`
 - e. *Physical path*: Use **[Web]** location above
 - f. *Default Document*: `Default.aspx`, first in the list
 - g. Setup new certificate and bind according for https

10. Once deployed onto all balanced servers verify the new application displays the [Default.aspx](#) page when clicking on **[Web]** link
11. Disconnect from **[Web]** server

D. Closing

1. Implementers signal deployment completion. Return result of any database query to technical contact(s).
2. Logout/Exit from server environments

Post Deployment Sequence

N/A