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**CCO eCoaching SOI Bean Runbook**

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| --- | --- | --- |
| Last Revision | Last Review | Description |
| 4/22/2021 |  | TFS 20677 - AD island to AD AWS environment changes |

Prepared by: Susmitha Palacherla Date: 12/16/2020

Department, Location:

Approved by: Date:

**Change History Log**

| **Date** | **Change Description** | **Author** |
| --- | --- | --- |
| 12/16/2020 | Initial entry | Susmitha Palacherla |
| 4/22/2021 | TFS 20677 - AD island to AD AWS environment changes | Susmitha Palacherla |
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**CROP SOI Bean Deployment**

**Note:** Execute the Highlighted (green) parts of this document to implement the changes for:

TFS 19526 - Extract bingo logs from ecl and post to share point sites.

***\*\*\*ONLY ITEMS IN GREEN TO BE IMPLEMENTED\*\*\****

***\*\*\*ITEMS HIGHLIGHTED IN YELLOW IMPLEMENTED USING OTHER RUNBOOKS\*\*\****

**Quick Implementation Checklist:**

|  |  |
| --- | --- |
| Section | Action needed? |
| 1. Database Setup | No |
| 1. Folder Creation | NA |
| 1. SSIS Package Placement | NA |
| 1. SharePoint Extractor Application Files Implementation | Yes |
| 1. SOIBean SQL Job Setup | No |
| 1. Post-Implementation Steps | NA |

# **Database setup**

* Obtain the following scripts from $/eCoaching\_V2/Runbook/DB/
  + **CCO\_eCoaching\_Log\_DB\_RunOnce\_TFS\_19526\_Upload\_BingoLogs\_Sharepoint.txt**
  + **CCO\_eCoaching\_Log\_DB\_Runbook.docx** (Changeset )

# **eCoaching SOI Bean Connection Details**

Connect to the SQL server for set up.

* **Dev:** UVAADADSQL50CCO
  + Dev Database: eCoachingDev
* **Test:** UVAADADSQL52CCO
  + Test Database: eCoachingTest
* **UAT:** UVAADADSQL52CCO
  + Prod Database: eCoachingUAT
* **Prod:** UVAAPADSQL50CCO
  + Prod Database: eCoaching

# **Input file folder creation**

**NA**

# **SSIS file placements**

**NA**

# **SharePoint Extractor Application Files Implementation**

1. Get and/or Build executable files
2. Get the files in TFS at <$/eCoaching\_V2/Code/Application/SOIBean/> **(latest version)**
3. Open SOIBean.sln in Visual Studio Express 2015 for Desktop and build the application in Debug mode.
4. File list
5. Copy files to the appropriate location based on the environment (location details in table below):

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Copy files** | **From** | **To** |
| **Dev** |  |  |  |
|  | All compiled application files and config files | Compiled <bin\Debug> folder contents **and all subfolders** | [\\UVAADADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbd01\ssis\Coaching\SOIBean) |
|  | All compiled application files in the root compilation folder (NO subfolders) | Compiled <bin\Debug> folder contents **(NO subfolders)** | [\\UVAADADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbd01\ssis\Coaching\SOIBean) |
|  | Specific compiled application files:  SOIBean.exe  SOIBean.pdb  SOIBean.vshost.exe | Compiled <bin\Debug> folder | [\\UVAADADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbd01\ssis\Coaching\SOIBean) |
|  | Specific config files  ecl.config  environment.development.config  ecl\_bingo\_bogalusa.config  ecl\_bingo\_brownsville.config  ecl\_bingo\_chester.config  ecl\_bingo\_hattiesburg.config  ecl\_bingo\_lawrence.config  ecl\_bingo\_london.config  ecl\_bingo\_lynnhaven.config  ecl\_bingo\_phoenix.config  ecl\_bingo\_sandy.config  ecl\_bingo\_tampa.config  ecl\_bingo\_winchester.config | <$/eCoaching\_V2\Code/\pplication\SOIBean/\SOIBean\config> | [\\UVAADADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbd01\ssis\Coaching\SOIBean)\config\ |
|  | Delete Config Files  environment.systemtest.config  environment.uat.config  environment.production.config  sample\_main.config  sample\_upload.config  sample\_download.config |  | [\\UVAADADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbd01\ssis\Coaching\SOIBean)\config\ |
|  |  |  |  |
| **END Dev** |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **Test** |  |  |  |
| **1.** | Create a Folder named ‘SOIBean’ at \\UVAADADSQL52CCO\ssis\Coaching\ | | |
|  | Copy files | From | To |
| **2.** | All compiled application files and config files | Compiled <bin\Debug> folder contents and all subfolders | [\\UVAADADSQL52CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbt01\ssis\Coaching\SOIBean) |
|  | All compiled application files in the root compilation folder (NO subfolders) | Compiled <bin\Debug> folder contents **(NO subfolders)** | [\\UVAADADSQL52CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbt01\ssis\Coaching\SOIBean) |
|  | Specific compiled application files:  SOIBean.exe  SOIBean.pdb  SOIBean.vshost.exe | Compiled <bin\Debug> folder | [\\UVAADADSQL52CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbt01\ssis\Coaching\SOIBean) |
|  | Specific config files  ecl.config  environment.systemtest.config  ecl\_bingo\_bogalusa.config  ecl\_bingo\_brownsville.config  ecl\_bingo\_chester.config  ecl\_bingo\_hattiesburg.config  ecl\_bingo\_lawrence.config  ecl\_bingo\_london.config  ecl\_bingo\_lynnhaven.config  ecl\_bingo\_phoenix.config  ecl\_bingo\_sandy.config  ecl\_bingo\_tampa.config  ecl\_bingo\_winchester.config | <$/eCoaching\_V2\Code/\pplication\SOIBean/\SOIBean\config> | [\\UVAADADSQL52CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbt01\ssis\Coaching\SOIBean)\config\ |
| 3. | Delete Config Files  environment.development.config  environment.uat.config  environment.production.config  sample\_main.config  sample\_upload.config  sample\_download.config |  | [\\UVAADADSQL52CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbt01\ssis\Coaching\SOIBean)\config\ |
|  |  |  |  |
| **END Test** |  |  |  |
|  |  |  |  |
| **UAT** |  |  |  |
| *NA* | | | |
| **END UAT** |  |  |  |
|  |  |  |  |
| **Prod** |  |  |  |
| **1.** | Create a Folder named ‘SOIBean’ at \\UVAAPADSQL50CCO\ssis\Coaching\ | | |
|  | **Copy files** | **From** | **To** |
| **2.** | All compiled application files and config files | Compiled <bin\Debug> folder contents **and all subfolders** | [\\UVAAPADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbp01\ssis\Coaching\SOIBean) |
|  | All compiled application files in the root compilation folder (NO subfolders) | Compiled <bin\Debug> folder contents **(NO subfolders)** | [\\UVAAPADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbp01\ssis\Coaching\SOIBean) |
|  | Specific compiled application files:  SOIBean.exe  SOIBean.pdb  SOIBean.vshost.exe | Compiled <bin\Debug> folder | [\\UVAAPADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbp01\ssis\Coaching\SOIBean) |
|  | Specific config files  ecl.config  environment.production.config  ecl\_bingo\_bogalusa.config  ecl\_bingo\_brownsville.config  ecl\_bingo\_chester.config  ecl\_bingo\_hattiesburg.config  ecl\_bingo\_lawrence.config  ecl\_bingo\_london.config  ecl\_bingo\_lynnhaven.config  ecl\_bingo\_phoenix.config  ecl\_bingo\_sandy.config  ecl\_bingo\_tampa.config   1. ecl\_bingo\_winchester.config | <$/eCoaching\_V2/Code/Application/SOIBean/SOIBean/config> | [\\UVAAPADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbp01\ssis\Coaching\SOIBean)\config\ |
| **3.** | Delete Config Files  environment.development.config  environment.systemtest.config  environment.uat.config  sample\_main.config  sample\_upload.config  sample\_download.config |  | [\\UVAAPADSQL50CCO\ssis\Coaching\SOIBean](file:///\\F3420-ecldbp01\ssis\Coaching\SOIBean)\config\ |
| **END Prod** |  |  |  |

1. Update configuration files
2. In the “config” subfolder at the appropriate location based on the environment (location details in table above):
3. Using TextPad or Notepad or equivalent text editor, open **ecl.config**.
4. Replace the empty values for ClientId and ClientSecret keys with the account and password information, respectively, for MAXIMUS SharePoint Online authentication (refer to CO\_eCoaching\_Log\_Security\_Service\_Accounts\_April2021.zip in TFS, located at: <$\eCoaching\_V2\Security

<add key="ClientId" value="**FILL THIS IN**"/>

<add key="ClientSecret" value="**FILL THIS IN**"/>

1. Save the config file.
2. RDP to the appropriate DB Server with your administrative (“SA”) account.
3. Open Windows Explorer and navigate to the “\SOIBean\config” subfolder on the local machine (server)
4. Right click “\_EncryptConfigFile.bat” in the config folder. Select “Run as Administrator”. This will ensure that the appropriate permissions are added to the configuration files for you to encrypt them, but note that the configuration files may not actually encrypt yet.
5. Now double click “\_EncryptConfigFile.bat” in the config folder to encrypt all of the \*.config files in the folder. \*If the batch file runs successfully but the sensitive data in any of the files is not converted to cipher text, then verify that your administrative account directly has full control permissions on the batch files.

# **CROP SOI Bean Job Setup**

The jobs will be created with the SQL login ecljobowner as the owner to avoid job ownership issues that can arise when system jobs are owned by an individual person’s account.

Job steps where allowed will be configured to run under the **ECLProxy** credentialaccount and will be scheduled in production only. Non-production jobs will not be scheduled and will need to be run manually as needed.

For credentials, refer to *CCO\_eCoaching\_Log\_Security\_Service\_Accounts\_July2019.zip* in TFS, located at: <$\eCoaching\_V2\Security\>

Use SSMS and use the described SQL login to connect to the desired environment SQL Server instance’s master database. Then set up the jobs as indicated below:

**Job setup steps:**

* Get the following job script from TFS:

<**$/eCoaching\_V2/Code/DB/Jobs/jobBingoSharepointUpload.sql**> (latest version)

* Find the section near the top of the script that says “-- IMPLEMENTER: Set environment here” and change the “@environment” variable value to the appropriate environment. (Comments show possible values.)
* Execute the script to create the job.
* **Note:** Individual steps in the main job will also be created as separate one-step jobs for testing and production support.