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**Title: CCO\_eCoaching\_DB\_Runbook**

**eCoaching DB Implementation Document**

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| --- | --- | --- |
| Last Revision | Last Review | Description |
| 5/19/2017 |  | TFS 6765 – Email Notification job hangs when there are no records to send email |

Prepared by: CCO Engineering Date: 5/19/2017

Department, Location: HCSD

Approved by: Date:

**Change History Log**

| **Date** | **TFS - Change Description** | **Author** |
| --- | --- | --- |
| 01/18/2017 | TFS 5223 – Initial revision - Documentation cleanup | Susmitha Palacherla |
| 02/03/2017 | TFS 5253 - Updates from 2016 index review | Susmitha Palacherla |
| 02/06/2017 | TFS 5309 – NPN Quality feed | Susmitha Palacherla |
| 02/20/2017 | TFS 5649: NPN Description from table | Susmitha Palacherla |
| 03/01/2017 | TFS 5653 - NPN logs from IQS Description | Susmitha Palacherla |
| 03/06/2017 | TFS 5756 - Admin tool access for job code WPPM50 | Susmitha Palacherla |
| 03/22/2017 | TFS 6011 – Support Reused numeric part of Employee Ids | Susmitha Palacherla |
| 4/11/2017 | TFS 6246: Admin Tool access for Mark Hackman’s new Job code WPSM13 | Susmitha Palacherla |
| 4/14/2017 | TFS 6145 – Breaks feeds (BRN and BRL) | Susmitha Palacherla |
| 4/17/2017 | TFS 5420 – Create infrastructure within ecl admin tool to allow for reporting and TFS 5641 - Move the functionality of the current Delete Log to the Admin Tool | Susmitha Palacherla |
| 4/24/2017 | TFS 6145 and TFS 6377 – OMR - Breaks feeds for CSR, SUP and Quality Modules | Susmitha Palacherla |
| 5/1/2017 | TFS 5642 - Move the functionality of the current Access Control List to the Admin Tool | Susmitha Palacherla |
| 5/8/2017 | TFS 6582 - Change log workflow when it is direct and source is Quality Specialist Coaching | Susmitha Palacherla |
| 5/18/2017 | TFS 6623 - Update Hierarchy Load process to check for data in files | Susmitha Palacherla |
| 5/19/2017 | TFS 6765 – Email Notification job hangs when there are no records to send email. | Lili Huang |

**Implementation Summary:**

Work Item: 6765 - Email Notification job hangs when there are no records to send email

**Assumptions**

The person doing the migration has:

1. Effective rights to the eCoaching directory in TFS source control.
2. Effective rights in the destination databases.
3. Effective rights to the destination file shares.
4. Knowledge of Microsoft Management Studio for SQL Server
5. Knowledge of SQL Server Scheduled Jobs
6. Knowledge of copying and moving files between servers

**Overview**

This covers implementing the following highlighted SSIS Packages, associated stored procedures, scripts and table structures related to the eCoaching application.

Highlighted - affected in this release

HighLighted – updated by code/instructions in companion run once for the work item

**SSIS Packages: \eCoaching\_V2\Code\ETL\**

**No SSIS packages for this work item.**

eCL\_Inactivations.dtsx

eCL\_Surveys.dtsx

Employee\_Hierarchy.dtsx

ETS\_Coaching.dtsx

Generic\_Coaching.dtsx

IQS\_Coaching.dtsx

Outlier\_Coaching.dtsx

Quality\_Other\_Coaching.dtsx

Training\_Coaching.dtsx

Warnings\_History.dtsx

**SSIS config files: \eCoaching\_V2\Code\ETL\**

**\*[Dev\Test\Prod] prefix determines the file to be used for the respective environment.**

**No Config files for this work item.**

Dev\_eCL\_Inactivations.dtsConfig

Test\_eCL\_Inactivations.dtsConfig

Prod\_eCL\_Inactivations.dtsConfig

Dev\_eCL\_Surveys.dtsConfig

Test\_eCL\_Surveys.dtsConfig

Prod\_eCL\_Surveys.dtsConfig

Dev\_Employee\_Hierarchy.dtsConfig

Test\_Employee\_Hierarchy.dtsConfig

Prod\_Employee\_Hierarchy.dtsConfig

Dev\_ETS\_Coaching.dtsConfig

Test\_ETS\_Coaching.dtsConfig

Prod\_ETS\_Coaching.dtsConfig

Dev\_Generic\_Coaching.dtsConfig

Test\_Generic\_Coaching.dtsConfig

Prod\_Generic\_Coaching.dtsConfig

Dev\_IQS\_Coaching.dtsConfig

Test\_IQS\_Coaching.dtsConfig

Prod\_IQS\_Coaching.dtsConfig

Dev\_Outlier\_Coaching.dtsConfig

Test\_Outlier\_Coaching.dtsConfig

Prod\_Outlier\_Coaching.dtsConfig

Dev\_Quality\_Other\_Coaching.dtsConfig

Test\_Quality\_Other\_Coaching.dtsConfig

Prod\_Quality\_Other\_Coaching.dtsConfig

Dev\_Training\_Coaching.dtsConfig

Test\_Training\_Coaching.dtsConfig

Prod\_Training\_Coaching.dtsConfig

Prod\_Warning\_History.dtsConfig

**Scripts: \eCoaching\_V2\Code\Scripts\**

**Updated scripts for this work item.**

Notifications\_Dev.vbs (Changeset: 37503)

Notifications\_prod.vbs (Changeset: 37503)

Notifications\_Survey\_Dev.vbs

Notifications\_Survey\_Prod.vbs

Notifications\_Survey\_Test.vbs

Notifications\_Test.vbs (Changeset: 37503)

Reminders\_Dev.vbs

Reminders\_Prod.vbs

Reminders\_Survey\_Dev.vbs

Reminders\_Survey\_Prod.vbs

Reminders\_Survey\_Test.vbs

Reminders\_Test.vbs

**Tables: \eCoaching\_V2\Code\DB\Tables**

**No Tables for these work items Updated through Run Once.**

CCO\_eCoaching\_Admin\_Tool\_Tables\_Create.sql

CCO\_eCoaching\_Dimension\_Tables\_Create.sql

CCO\_eCoaching\_EmployeeHierarchy\_Load\_Tables\_Create.sql

CCO\_eCoaching\_ETS\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Generic\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Historical\_Dashboard\_Tables\_Create.sql

CCO\_eCoaching\_Log\_Tables\_Create.sql

CCO\_eCoaching\_Maintenance\_Tables\_Create.sql

CCO\_eCoaching\_Outliers\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Quality\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Quality\_Other\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Surveys\_Tables\_Create.sql

CCO\_eCoaching\_Training\_Load\_Tables\_Create.sql

CCO\_eCoaching\_Warning\_Log\_Tables\_Create.sql

**Stored Procedures: \eCoaching\_V2\Code\DB\Stored Procedures**

**No Stored procedures affected for this work item.**

**--Admin tool**

sp\_AT\_Check\_Entitlements.sql

sp\_AT\_Coaching\_Inactivation\_Reactivation.sql

sp\_AT\_Coaching\_Reassignment.sql

sp\_AT\_Populate\_User.sql

sp\_AT\_Select\_Action\_Reasons.sql

sp\_AT\_Select\_Employees\_Coaching\_Inactivation\_Reactivation.sql

sp\_AT\_Select\_Employees\_Inactivation\_Reactivation.sql

sp\_AT\_Select\_Employees\_Warning\_Inactivation\_Reactivation.sql

sp\_AT\_Select\_Logs\_Inactivation\_Reactivation.sql

sp\_AT\_Select\_Logs\_Reassign.sql

sp\_AT\_Select\_Modules\_By\_LanID.sql

sp\_AT\_Select\_ReassignFrom\_Users.sql

sp\_AT\_Select\_ReassignTo\_Users.sql

sp\_AT\_Select\_Roles\_By\_User.sql

sp\_AT\_Select\_Status\_By\_Module.sql

sp\_AT\_Warning\_Inactivation\_Reactivation.sql

**--Super User Functionality**

sp\_SelectReviewFrom\_Coaching\_Log\_For\_Delete.sql

**--Date Dim**

sp\_Dim\_Date\_Add\_Date\_Range

sp\_Dim\_Date\_Add\_Unknown\_Row

**--Employee Hierarchy**

sp\_Update\_Employee\_Hierarchy\_Stage

sp\_Populate\_Employee\_Hierarchy

sp\_Update\_EmployeeID\_To\_LanID

sp\_Update\_CSR\_Hierarchy

sp\_InactivateCoachingLogsForTerms

sp\_Merge\_HR\_Employee\_Hierarchy\_Stage

**--ETS Load**

sp\_Update\_ETS\_Coaching\_Stage

sp\_InsertInto\_Coaching\_Log\_ETS

sp\_InsertInto\_ETS\_Rejected

sp\_Update\_ETS\_Fact

**--Generic Load**

sp\_InsertInto\_Coaching\_Log\_Generic

**--Historical Dashboard ACL**

sp\_InsertInto\_Historical\_Dashboard\_ACL

sp\_SelectFrom\_Historical\_Dashboard\_ACL

sp\_UpdateHistorical\_Dashboard\_ACL

sp\_DeleteFromHistoricalDashboardACL

sp\_Check\_AgentRole

sp\_Check\_AppRole

**--Coaching Log Main**

sp\_InsertInto\_Coaching\_Log

sp\_SelectRecordStatus

sp\_SelectCSRsbyLocation

sp\_SelectFrom\_Coaching\_Log\_CSRCompleted

sp\_SelectFrom\_Coaching\_Log\_CSRPending

sp\_SelectFrom\_Coaching\_Log\_HistoricalSUP

sp\_SelectFrom\_Coaching\_Log\_MGRCSRCompleted

sp\_SelectFrom\_Coaching\_Log\_MGRCSRPending

sp\_SelectFrom\_Coaching\_Log\_MGRPending

sp\_SelectFrom\_Coaching\_Log\_MyCompSubmitted\_DashboardStaff

sp\_SelectFrom\_Coaching\_Log\_MyPenSubmitted\_DashboardStaff

sp\_SelectFrom\_Coaching\_Log\_MySubmitted\_Dashboard

sp\_SelectFrom\_Coaching\_Log\_MySubmitted\_DashboardMGR

sp\_SelectFrom\_Coaching\_Log\_MySubmitted\_DashboardSUP

sp\_SelectFrom\_Coaching\_Log\_SUPCSRCompleted

sp\_SelectFrom\_Coaching\_Log\_SUPCSRPending

sp\_SelectFrom\_Coaching\_Log\_SUPPending

sp\_SelectFrom\_Coaching\_LogMgrDistinctCSR

sp\_SelectFrom\_Coaching\_LogMgrDistinctCSRSubmitted

sp\_SelectFrom\_Coaching\_LogMgrDistinctCSRTeam

sp\_SelectFrom\_Coaching\_LogMgrDistinctCSRTeamCompleted

sp\_SelectFrom\_Coaching\_LogMgrDistinctMGRSubmitted

sp\_SelectFrom\_Coaching\_LogMgrDistinctSUP

sp\_SelectFrom\_Coaching\_LogMgrDistinctSUPSubmitted

sp\_SelectFrom\_Coaching\_LogMgrDistinctSUPTeam

sp\_SelectFrom\_Coaching\_LogMgrDistinctSUPTeamCompleted

sp\_SelectFrom\_Coaching\_LogStaffDistinctCompletedCSRSubmitted

sp\_SelectFrom\_Coaching\_LogStaffDistinctCompletedMGRSubmitted

sp\_SelectFrom\_Coaching\_LogStaffDistinctCompletedSUPSubmitted

sp\_SelectFrom\_Coaching\_LogStaffDistinctPendingCSRSubmitted

sp\_SelectFrom\_Coaching\_LogStaffDistinctPendingMGRSubmitted

sp\_SelectFrom\_Coaching\_LogStaffDistinctPendingSUPSubmitted

sp\_SelectFrom\_Coaching\_LogSupDistinctCSR

sp\_SelectFrom\_Coaching\_LogSupDistinctCSRTeam

sp\_SelectFrom\_Coaching\_LogSupDistinctCSRTeamCompleted

sp\_SelectFrom\_Coaching\_LogSupDistinctMGR

sp\_SelectFrom\_Coaching\_LogSupDistinctMGRTeamCompleted

sp\_SelectFrom\_Coaching\_LogSupDistinctSUP

sp\_SelectReviewFrom\_Coaching\_Log

sp\_Update1Review\_Coaching\_Log

sp\_Update2Review\_Coaching\_Log

sp\_Update3Review\_Coaching\_Log

sp\_Update4Review\_Coaching\_Log

sp\_Update5Review\_Coaching\_Log

sp\_Update6Review\_Coaching\_Log

sp\_Update7Review\_Coaching\_Log

sp\_Whoami

sp\_Whoisthis

sp\_Select\_Employees\_By\_Module

sp\_Select\_Modules\_By\_Job\_Code

sp\_Display\_Sites\_For\_Module

sp\_Select\_Source\_By\_Module

sp\_Select\_Programs

sp\_Select\_CoachingReasons\_By\_Module

sp\_Select\_CallID\_By\_Module

sp\_Select\_SubCoachingReasons\_By\_Reason

sp\_Select\_Email\_Attributes

sp\_SelectReviewFrom\_Coaching\_Log\_Reasons

sp\_Select\_Values\_By\_Reason

sp\_SelectFrom\_Coaching\_LogDistinctSubmitterCompleted2

sp\_Select\_Sites\_For\_Dashboard

sp\_Select\_Sources\_For\_Dashboard

sp\_Select\_States\_For\_Dashboard

sp\_Select\_Statuses\_For\_Dashboard

sp\_Select\_Values\_For\_Dashboard

sp\_Select\_Behaviors

sp\_SelectReviewFrom\_Coaching\_Log\_Reasons\_Combined

sp\_SelectFrom\_Coaching\_Log\_HistoricalSUP\_Count

sp\_SelectFrom\_Coaching\_Log\_Historical\_Export

sp\_SelectFrom\_Coaching\_LogDistinctCSRCompleted\_All

sp\_SelectFrom\_Coaching\_LogDistinctCSRCompleted\_Site

sp\_SelectFrom\_Coaching\_LogDistinctSUPCompleted\_All

sp\_SelectFrom\_Coaching\_LogDistinctSUPCompleted\_Site

sp\_SelectFrom\_Coaching\_LogDistinctMGRCompleted\_All

sp\_SelectFrom\_Coaching\_LogDistinctMGRCompleted\_Site

sp\_CheckIf\_HRUser

**--Maintenance**

sp\_SelectCoaching4Contact

sp\_UpdateFeedMailSent

sp\_Inactivations\_From\_Feed

sp\_SelectCoaching4Reminder

sp\_UpdateReminderMailSent

sp\_Insert\_Into\_Coaching\_Log\_Archive

**--Outliers Load**

sp\_InsertInto\_Coaching\_Log\_Outlier

sp\_Update\_Outlier\_Coaching\_Stage.sql

sp\_InsertInto\_Outlier\_Rejected.sql

**--Quality Load**

sp\_InsertInto\_Coaching\_Log\_Quality

sp\_Update\_Coaching\_Log\_Quality

sp\_Update\_Quality\_Fact

sp\_Get\_Dates\_For\_Previous\_Week.sql

sp\_InsertInto\_Coaching\_Log\_NPN.sql

**--Quality\_Other Load**

sp\_InsertInto\_Coaching\_Log\_Quality\_Other

**--SR mgr dashboard**

sp\_SelectFrom\_SRMGR\_Count

sp\_SelectFrom\_SRMGR\_Detail\_Count

sp\_SelectFrom\_SRMGR\_Details

sp\_SelectFrom\_SRMGR\_EmployeeCoaching

sp\_SelectFrom\_SRMGR\_EmployeeWarning

sp\_SelectFrom\_SRMGR\_Review

sp\_SelectFrom\_SRMGR\_EmployeeCoaching\_Review

sp\_SelectFrom\_SRMGR\_EmployeeWarning\_Review

sp\_SelectFrom\_SRMGR\_Completed\_CoachingByWeek

sp\_SelectFrom\_SRMGR\_Pending\_CoachingByWeek

sp\_SelectFrom\_SRMGR\_Active\_WarningByWeek

**--Surveys**

sp\_InsertInto\_Survey\_Response\_Header

sp\_InsertInto\_Survey\_Response\_Header\_Resend

sp\_Update\_Survey\_Response

sp\_SelectSurvey4Contact

sp\_UpdateSurveyMailSent

sp\_Select\_Questions\_For\_Survey

sp\_Select\_Responses\_For\_Survey

sp\_Select\_Responses\_By\_Question

sp\_Select\_SurveyDetails\_By\_SurveyID

sp\_SelectSurvey4Reminder

**--Training Load**

sp\_InsertInto\_Coaching\_Log\_Training

**--Warning Logs**

sp\_InsertInto\_Warning\_Log

sp\_SelectReviewFrom\_Warning\_Log

sp\_SelectReviewFrom\_Warning\_Log\_Reasons

sp\_SelectFrom\_Warning\_Log\_SUPCSRCompleted

sp\_SelectFrom\_Warning\_Log\_MGRCSRCompleted

sp\_InactivateExpiredWarningLogs

**Functions: \eCoaching\_V2\Code\DB\Functions\**

**No Functions for this work item.**

fn\_dtYYYYMMDD\_to\_Datetime.sql

fn\_GetMaxDateTime.sql

fn\_intDatetime\_to\_YYYYMMDD.sql

fn\_intGetSiteIDFromLanID.sql

fn\_intLastKnownStatusForCoachingID.sql

fn\_intModuleIDFromEmpID.sql

fn\_intSiteIDFromEmpID.sql

fn\_intSiteIDFromSite.sql

fn\_intSourceIDFromOldSource.sql

fn\_intSourceIDFromSource.sql

fn\_intSubCoachReasonIDFromETSRptCode.sql

fn\_intSubCoachReasonIDFromRptCode.sql

fn\_isHotTopicFromSurveyTypeID.sql

fn\_nvcGetEmpIdFromLanId.sql

fn\_nvcHtmlEncode.sql

fn\_RemoveAlphaCharacters.sql

fn\_Split\_WithRowID.sql

fn\_strAddSpaceToName.sql

fn\_strBookListFromLanID.sql

fn\_strCheckIf\_HRUser.sql

fn\_strCheckIfATCoachingAdmin.sql

fn\_strCheckIfATSysAdmin.sql

fn\_strCheckIfATWarningAdmin.sql

fn\_strCoachingReasonFromCoachingID.sql

fn\_strCoachingReasonFromWarningID.sql

fn\_strDirectUserHierarchy.sql

fn\_strEmpEmailFromEmpID.sql

fn\_strEmpLanIDFromEmpID.sql

fn\_strEmpNameFromEmpID.sql

fn\_strETSDescriptionFromRptCode.sql

fn\_strNPNDescriptionFromCode.sql

fn\_strMgrEmailFromEmpID.sql

fn\_strMgrEmpIDFromEmpID.sql

fn\_strSiteNameFromSiteLocation.sql

fn\_strSrMgrLvl1EmpIDFromEmpID.sql

fn\_strSrMgrLvl2EmpIDFromEmpID.sql

fn\_strSrMgrLvl3EmpIDFromEmpID.sql

fn\_strStatusFromStatusID.sql

fn\_strStatusIDFromIQSEvalID.sql

fn\_strStatusIDFromStatus.sql

fn\_strSubCoachingReasonFromCoachingID.sql

fn\_strSubCoachingReasonFromWarningID.sql

fn\_strSupEmailFromEmpID.sql

fn\_strUserName.sql

fn\_strValueFromCoachingID.sql

fn\_strValueFromWarningID.sql

fn\_NPNQualityRecs.sql

**Miscellaneous Code: \eCoaching\_V2\Code\DB\Misc\**

**No Misc code for this release.**

**Run Once: \eCoaching\_V2\Runbook\DB\RunOnce**

**No Run Once for this release.**

**Environments and Destinations**

**Database instances and databases**

Development - VRIVFSSDBT02/SCORD01,1437 - eCoachingDev

Test - VRIVFSSDBT02/SCORT01,1438 - eCoachingTest

Production – VDENSSDBP07\SCORP01,1436 – eCoaching

**Scripts**

DEV - \\vrivfssdbt02\integrationservices\Coaching\Notifications\

TEST - \\vrivfssdbt02\integrationservices\TestCoaching\Notifications\

PROD - \\vdenssdbp07\scorecard-ssis\Coaching\Notifications\

**SSIS package staging shares**

DEV - \\vrivfssdbt02\integrationservices\ Coaching\

TEST - \\vrivfssdbt02\integrationservices\TestCoaching\

PROD - \\vdenssdbp07\scorecard-ssis\Coaching\

**SSIS config file staging shares**

DEV - \\vrivfssdbt02\integrationservices\Coaching\

TEST - \\vrivfssdbt02\integrationservices\TestCoaching\

PROD - \\vdenssdbp07\scorecard-ssis\Coaching\

**Implementation** (walk through 1 pass of the steps using test as example)

1. **Open SQL Server Management Studio and log in with account with rights to environment migrating to.**
2. **Open RunOnce.sql from Version Manager** 
   1. **Walk through and run steps**
3. **Get Tables in Green above from Team Foundation Server**
   1. **Open management studio to environment migrating to and execute the individual Table SQL.**
   2. **if any are already created change to modify and try running again to update**
4. **Get Stored Procedures and Functions in Green from Version Manager**
5. **Open management studio to environment migrating to and execute stored procs / functions**
6. **if any don’t exist change from modify to create and re-run**
7. **Fetch any Scripts files highlighted in Green and stage to location identified above for respective environment.**
8. **Fetch any SSIS Packages highlighted in green and Migrate to location identified above for respective environment.**
9. **Fetch any SSIS Config File highlighted in green and Migrate to location identified above for respective environment.**