1. Restore and update the ECMPS 1.0 Client DB backup that contains the test cases.
   1. Restore backup for test cases to ECMPS Client.
   2. Run the “**Update.SystemParameter.HostSettings.sql**” in the “\misc\Testing Scripts\Helper Scripts\SQL Server” folder to update the following values for SYS\_PARAM\_ID 5 (Host Settings) in the ECMPS\_AUX.dbo.SYSTEM\_PARAMETER table.
      1. PARAM\_VALUE1: 'localhost/ECMPS/DEV/'
      2. PARAM\_VALUE2: 'ecmps.epa.gov/'
      3. PARAM\_VALUE3: 'ecmps.epa.gov/ECMPST'
   3. Use **ECMPS\_Update.exe** to update the database to the latest ECMPS version (2022 Q2).
2. Run **ECMPS** and go to the Evaluate Module.
   1. Select all Active MP and Inactive MP without a corresponding active MP.
      1. Check the testcase to determine whether the testcase includes “MP needs evaluation” results.
   2. Select “QA Tests” and “Complete History”.
      1. Generally, limit evaluated items to those included in a case.
   3. Click “Evaluate”.
   4. Open and save each evaluation report in repository folder “easey-db-scripts\misc\Testing Scripts\QA\EvaluationReports”, using the following name format:

“{Test Name}.EvaluationReport.Oris{ORIS Code}.{Locations underscore separated}.pdf”.

1. Generate Test Cases:
   1. Produce uncreated script generation table functions for each table for the target test type.
      1. Update the ScriptGenerationHelper.sql” script in the “\misc\Testing Scripts\Helper Scripts\Oracle” folder to produce results each table.
      2. Run the script and use it’s results to produce helper information to produce a table function to produce script lines for the target QA tables.
         1. Use an existing script as the template.
      3. Create the resulting table function.
      4. Add a call to the SqlGenQa.PgQatInserts table function for each created target table function.
      5. Add the additional Test Type Code to the SqlGenQa.PgQatInformation table function.
   2. Run script “ScriptGenerater.All.sql” in the “\misc\Testing Scripts\Helper Scripts\Oracle” folder to produce the PostgreSQL script.
      1. Save data as a script in a test type specific folder at “misc\Testing Scripts\QA\TestCaseScripts”.
         1. Prefix script name with test type and end with “.TestCaseScript.sql”.
   3. Scan the testcase workbook’s Testing Steps column for any MP changes needed for test cases.
      1. If any MP changes exists, create a script that makes the changes and save the script in the TestaseScripts folder for the test type.
         1. Prefix script name with test type and end with “.TestCaseMpUpdates.sql”.
2. Evaluations:
   1. Evaluate MP in ECMPS 2.0 that are evaluated in ECMPS 1.0.
   2. Evaluate all tests in ECMPS 2.0 that exist in ECMPS 1.0.
   3. Use the following SQL Server script to get the MP and QAT command line parameters for the Check Engine Runner for ECMPS 2.0.

|  |
| --- |
| SQL Script |
| USE [ECMPS\_AUX]  GO  select \*  from [SYSTEM\_PARAMETER]  where [SYS\_PARAM\_ID] = 5  order  by [SYS\_PARAM\_ID]  update [SYSTEM\_PARAMETER]  set [PARAM\_VALUE1] = 'localhost/ECMPS/DEV/',  [PARAM\_VALUE2] = 'ecmps.epa.gov/',  [PARAM\_VALUE3] = 'ecmps.epa.gov/ECMPST'  where [SYS\_PARAM\_ID] = 5  select \*  from [SYSTEM\_PARAMETER]  where [SYS\_PARAM\_ID] = 5  order  by [SYS\_PARAM\_ID]  GO |

1. (Place Holder) Compare Results
2. Add to and Update Source Control
   1. TestCaseResults.xlsx
   2. SQL Server Script Generation Objects
   3. Test Case Scripts
   4. Evaluation Reports
   5. QA Helpers
   6. Other created and updated scripts
3. Backup ECMPS 1.0 Client DB