Data Migration run for

consumption based billing (CBB)

# Abstract:

The intend of this document is to describe the procedure to run a migration of CI from OVSD and Asset Center to ESL for Consumption Based Billing.

This procedure consists in loading into ESL configuration Items tied to 4 different resource units:

* OS instances.
* Physical servers.
* Application instances.
* Databases.

The procedure consists in collections ESL upload filesgenerated by the data migration process (and especially the Transition Model application) and have them loaded into ESL.

# Procedure:

**Prerequesites:**

The procedure requires

* to have agreed with the CBB team on a date by when the migration has to be executed as the CBB is running billing report validation by comparing data extracted from OVSD and Asset cetner with data migrated to ESL.
* To have generated files from the TM application export Model.

**Execution Steps:**

Copy the following files from the weeklydelivery directories located in SVN ..alucmdb\trunk\integration-test\executions\weeklyDataDeliveries.

|  |  |
| --- | --- |
| **Files** | **Resource Unit** |
| stepE05\_systems\_data-New\_System\_ESL-CMO Martinique\_INSERT | OS instance & Physical Server |
| stepE06\_systems\_data-Customer Assignment\_ESL-CMO Martinique\_INSERT | OS instance & Physical Server |
| stepE11\_system\_data-Params\_ESL-CMO Martinique\_INSERT | OS instance & Physical Server |
| stepE13\_system\_data-IP Rec\_CBB\_ESL-CMO Martinique\_INSERT | OS instance & Physical Server |
| stepE11\_system\_data-Params\_ESL-CMO Martinique\_UPDATE | OS instance & Physical Server |
| stepE13\_system\_data-IP Rec\_CBB\_ESL-CMO Martinique\_UPDATE | OS instance & Physical Server |
| stepE13\_system\_data-IP Rec\_CBB\_ESL-CMO Martinique\_UPDATE | OS instance & Physical Server |
| stepE14a\_system\_data-DB Instances\_ESL-CMO Martinique\_INSERT | Database |
| stepE14a\_system\_data-DB Instances\_ESL-CMO Martinique\_UPDATE | Database |
| stepE20\_ci\_groups\_ESL-CMO Martinique\_UPDATE | Database and OS instance & Physical servers. |
| stepE21\_ci\_groups\_uCMDB\_INSERT | Applications |

**OS Instance and physical server**

**New servers:**

* Save the stepE05\_systems\_data-New\_System\_ESL-CMO Martinique\_INSERT as NewCSLoad (ESL bulk load doesn’t accept special characters from filenames).
* Ensure that all records have a datacenter filled in (Data center is case sensitive for ESL upload).
* Copy the spreasheet “Customer Assignment” from stepE06\_systems\_data-Customer Assignment\_ESL-CMO Martinique\_INSERT to NewCSLoad file
* Copy the spreadsheet “Params” from stepE11\_system\_data-Params\_ESL-CMO Martinique\_INSERT to NewCSLoad file.
* Remove from the “Params” worksheet all columns from P (assignment\_group) to CO (perf\_analysis) except those that have the billing information S (serial\_number) and BU (asset\_notes).
* Copy the spreadsheet “IP Rec” stepE13\_system\_data-IP Rec\_CBB\_ESL-CMO Martinique\_NEW to NewCSLoad file.

**Existing servers:**

* Save the stepE11\_system\_data-Params\_ESL-CMO Martinique\_UPDATE as UpdateCSLoad (ESL bulk load doesn’t accept special characters from filenames).
* Remove from the “Params” worksheet all columns from B (system\_status) to CO (perf\_analysis) except those that have the billing information S (serial\_number) and BU (asset\_notes).
* Copy the spreadsheet “IP Rec” stepE13\_system\_data-IP Rec\_CBB\_ESL-CMO Martinique\_UPDATE to UpdateCSLoad file.

**Database instances:**

* Save stepE14a\_system\_data-DB Instances\_ESL-CMO Martinique\_INSERT as NewDBLoad.
* Remove from the “DB Instances” worksheet all columns from M (ins\_assignment\_group) to AK (ins\_billable) except the column AG (ins\_notes).
* Ensure that there’s no empty value from column A to L. Any blank value from those column will cause the record to be rejected from the bulk load.
* Save stepE14a\_system\_data-DB Instances\_ESL-CMO Martinique\_UPDATE as UpdateDBLoad.
* Remove from the “DB Instances” worksheet all columns from M (ins\_assignment\_group) to AK (ins\_billable) except the column AG (ins\_notes).
* Ensure that there’s no empty value from column A to L. Any blank value from those column will cause the record to be rejected from the bulk load.

**Application instances:**

* Save the stepE21\_ci\_groups\_uCMDB\_INSERT file as AppGroupLoad.
* Remove the spreadsheet “CI Group System Assignments”, “CI Group Solution Assignments” and “CI Group Instance Assignments”.

**OS instance, Physical Server and Database CI Group assignment:**

* Save the stepE20\_ci\_groups\_ESL-CMO Martinique\_INSERT asNewGroupAssignments.
* Remove the “CI Group Definition” and “CI Group Solution Assignments” worksheets
* Save the stepE20\_ci\_groups\_ESL-CMO Martinique\_UPDATE as UpdateGroupAssignments.
* Remove the “CI Group Definition” and “CI Group Solution Assignments” worksheets.

**Upload to ESL:**

* **Reqesut ESL Load with a “Drop” mode from the staging environmentbulk load interface:** [**https://eustg-i.serviceportal.hp.com/pls/eslcgi/admin/bulk/list.pl**](https://eustg-i.serviceportal.hp.com/pls/eslcgi/admin/bulk/list.pl) **for the below files produced from the previous month:**
  + NewGroupAssignments
  + UpdateGroupAssignments
* **Request ESL Load from the staging environmentbulk load interface:** [**https://eustg-i.serviceportal.hp.com/pls/eslcgi/admin/bulk/list.pl**](https://eustg-i.serviceportal.hp.com/pls/eslcgi/admin/bulk/list.pl) **for all the files produced:**
  + NewCSLoad
  + UpdateCSLoad
  + NewDBLoad
  + UpdateDBLoad
  + AppGroupLoad
  + NewGroupAssignments
  + UpdateGroupAssignments
* **Contact the ESL Administration Support** [**esl.administration.support@hp.com**](mailto:esl.administration.support@hp.com) **to have all the bulk load executed.**