OBS Adapter for CA PPM

At a Glance

OBS Adapter for CA PPM helps with importing non-financial OBS from ERP systems such as SAP, WorkDay or PeopleSoft into CA PPM, and keeping the OBS updated in CA PPM.

The OBS Adapter is CA SaaS compliant, and leverages an integration framework that supports integration via flat files or via web services. This ensures that the integration is not restricted to any single ERP solution.

The integration framework provides the ability to easily configure attribute mappings, and business and validation rules through custom objects. It also has a comprehensive error handling capability.

Key Outcomes: Why OBS Adapter?
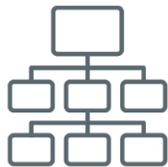
- Helps in importing OBSs that support security and reporting for CA PPM objects such as projects and resources.
- Ensures that the OBS in CA PPM reflects the current organization structure and eliminates the need for manual intervention when organization changes occur.
- Complements Resource Adapter for CA PPM and Project Adapter for CA PPM, if either are being used.
- Reduces scope for errors by eliminating manual effort required for creating and updating OBSs.
- Automation with validation for data quality and correctness prior to loading the OBS in to CA PPM.
- Provides complete administrative control for determining the frequency of update to the OBS data in CA PPM via CA PPM's native job scheduler.
- Robust error handling and reporting via multiple portlets.

What Does the OBS Adapter Automate?

Creation and maintenance of non-financial OBS Structures in CA PPM.

Figure 1: A Resource Pool OBS available for selection on the Resource profile

Figure 2: OBS Units

How It Works

- The OBS Adapter accepts OBS metadata from the external ERP system in the form of delimited flat file (.csv, .txt), validates date, forms the required web service request and loads the data in to CA PPM.
- Where possible, the OBS Adapter may also make direct web service calls to retrieve data (instead of using flat files).
  Recommendation: For this type of an adapter, CA recommends using file-based batch integration; this is due to the likely volume of data and accessibility restrictions to the source system.
- The following portlets are configured to monitor and diagnose errors during operation of the OBS Adapter:
  — **OBS Adapter** portlet provides the summary information for all OBS Adapter jobs, with the ability to filter for a specific execution of the OBS Adapter job.
  — **OBS Adapter Archive** portlet provides the summary information of validation errors, warnings and errors from XOG for a specific execution of the OBS Adapter job.
  — **OBS Adapter Errors** portlet provides detailed information on the validation errors, warnings and run time errors for a specific execution of the OBS Adapter job. This portlet helps identify the source of the error, to take corrective actions.
  — **OBS Adapter XOG** portlet provides detailed information on the XOG input and output generated in a specific execution of the OBS Adapter job. This portlet helps identify XOG errors and take corrective actions.

Note: The OBS Adapter can be configured to send email alerts to administrators indicating successful completion of the OBS Adapter job, or indicating failures in the execution of the OBS Adapter job.

TIP:

- The special characters – Slash (/), Colon (:), Double quote ("), Less Than (<), Greater than (>) are not allowed in OBS Unit names.

Compatibilities

On Premise

CA PPM Version: CA PPM 14.3 or higher.

Database:

- Oracle 11.2 Standard and Enterprise Edition: version 11.2.0.4.x or higher patch level
- Oracle 12c Standard and Enterprise Edition: version 12.1.0.2.x or higher patch level

No MSSQL Support

SaaS

CA PPM Version – CA PPM 14.3 or higher.

Contact your CA Services representative for further assistance with purchasing this component.