



TDM RELEASE NOTES

TDM V7.3 RELEASE NOTES

These Release Notes describe the new fixes and updates in TDM release V7.3

Certification of this TDM release is based on:

- Fabric 6.5.2.
- PostgreSQL 9.6 and 13.

RELATED DOCUMENTS

- [Fabric_Release_Notes_V6.5.2.](#)
- [TDM_Upgrade_Procedure_to_V7.3](#)

MAIN FIXES AND IMPROVEMENTS

1. Adding a User Group to a TDM Environment Role

- It is now possible to add a user group (Fabric role) to a TDM environment role. This enables all the users that belong to a given user group in Fabric to work on a TDM environment without adding each one of them (manually) to the TDM environment role.

2. TDM Execution Reports

- The TDM execution reports has been updated as follows:
- Displays the override execution parameters in the General Info tab.
- Displays both levels of override sync mode parameter: task and environment levels.

3. TDM Library

TDM APIs

- Task execution summary API (task/{taskId}/summary): The following optional filtering parameters have been added:
 - User id - returns the executions of a given user.
 - Number of executions - returns the latest X executions, where X is an input parameter.
- A task execution id optional input to the task monitoring API (wsMonitorTask) has been added: When the task execution id is populated, this API returns the input execution's details. When it is empty, it returns the latest execution of the input task id.



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- A validation to the startTask API has been added: Verify that the TDM task execution processes are up and running. If the TDM task execution processes are down, stop the task execution and return an error message.
- The regularTasksByUser and getTasksByParams APIs have been updated, and can now filter out tasks with a Business Entity (BE) and Logical Units (LUs) that do not exist in the user's environments. For example, tasks that load entities into Billing and Ordering systems if the user only has CRM environments are not returned.

TDM Templates and Flows Enhancements

- Load Table Template:
 - Improve the handling of the LU's main table. Add the setting of the target entity ID. Currently, this update needs to be done manually.
 - Automatically add the sequence actors to the load flows based on a populated table in Fabric Studio.
- Update createFlowsFromTemplates flow:
 - Currently this flow deletes and recreates all Load and Delete Broadway flows. However, when running this flow due to the addition of new tables, the current flow must not be deleted. A new parameter will be added to the flow – skip existing flows. When this parameter is true, the existing flows must not be deleted and regenerated.
- Update InitiateTDMLoad flow for load tasks: get the Data Center (DC) of the source environment from the TDM DB and send the DC name as a parameter to the get an LUI command to extract the source data using the Fabric nodes of the source's Data Center.
- **Add deploy.flow to a TDM LU** to run the following activities upon the TDM LU deployment:
 - Verify that the Environment and the Web Services are deployed to Fabric. Give an error message to the user if they are not deployed to Fabric.
 - Create the k2masking keyspace in Cassandra if not exists
 - Check if Redis is up. Give an error message to the user if the Redis is down.

Other Enhancements

- Support getting the entity list using a Broadway flow when running an extract task on all entities:
 - Enable the user to populate a Broadway flow instead of an SQL statement in trnMigrateList to return the full list of entities for the extract task.



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- Provide a new TDM Broadway flow to run the extract task on the entities, returned by the Broadway flow in the trnMigrateList.
- Reference Handling:
 - Performance improvement when loading the tables to the target DB.
- trnRefList translation object:
 - Added a list of PK fields on the target system for each table to enable running an update on the reference table by the TDMReferenceLoader.
- A new global variable was added: TDM_DATAFLUX_TASK. This Global is set to true when running Data Flux task and can be checked by Fabric implementation.

TDM DB Enhancements

- Keep the TDM version in TDM_GENERAL_PARAMETERS.
- Remove the fabric_environment_name from ENVIRONMENTS table. This column is no longer needed since the environment_name column is populated by the Fabric's environment name.

4. TDM GUI

- A default filter to only display the Active objects and filter out the Inactive objects was added.
- Disable the Replace Sequence task's checkbox if the user selects the 'Delete and load entity' operation mode in the task.
- A footer with the TDM version to the TDM GUI windows was added.

5. TDM Fixes

- The **test Connection** when running a task was fixed as follows:
 - Filter out the custom interfaces from the tested connections.
 - Fixed the TDM GUI when then test connection fails. If the user is permitted to ignore the test connection error, give a warning, and ask the user if the user wishes to continue the execution and ignore the error. If the user is not permitted to ignore the test connection error, return an error message, and stop the task execution.
- Fixed the monitoring of reference tables when running a load task.
- Fixed the task window to avoid skipping the Globals tab when creating an extract task to extract all entities and the selected reference tables.
- Fixed the validation error message when populating entity ID with unsupported special characters. The only special character supported for the entity ID is a dash.
- Fixed the display of the Show/Hide columns of the task list window.



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- Fixed the error when running a delete only task on an entity (LU instance) that does not exist in Fabric.
- Give an error message when the user includes unsupported special characters in the task title (task name).
- Disabled adding a product without LUs to a TDM environment.
- Fixed the update of the TDM environment's roles, products, and exclusion list by the environment owner.
- Fixed the TDM library code: get the columns from the result set by the column name instead of the cell number.
- Fix the parameters handling for Business Entities (BEs) with child LUs that do not have parameter.
- Fix the post execution handling in the TDM task execution process.
- Fixed the entity handling when running a load task with a Synthetic Entity selection method (entity cloning):
 - Create one LU instance on the cloned entity instead of creating a separate LU instance on each cone.
 - Avoid a supuplicate sync of the LUI instance on each clone. Sync the LU instance once per task execution if needed.