



TDM (TEST DATA MANAGEMENT) V7.5.1 RELEASE NOTES

These Release Notes describe the new fixes and updates in TDM release V7.5.1.

Certification of this TDM release is based on:

- Fabric 6.5.8 (HF1)
- PostgreSQL 13.

RELATED DOCUMENTS

- Fabric_Release_Notes_V6.5.8.
- TDM_Upgrade_Procedure_to_V7.5.1.

BUG FIXES AND IMPROVEMENTS

1. Custom Logic

- Fixed the handling of custom logic flows without input parameters. It now supports both types of custom logic flows: with and without parameters.
- Set the task's environment_id as an active environment before running the custom logic flow.
- TDM GUI – Task window:

Displays a description of the selected custom logic flow.

Supports a concatenation of parameters into the SQL query when sending an SQL statement parameter. For example:

Selects distinct cust.customer_id from customer cust, activity act, cases cs where cust.customer_id = act.customer_id and act.activity_id = cs.activity_id and cs.status = 'Open' and cs.case_type = 'Billing Issue'

Fixed the markup of the flow's parameters as mandatory, based on the parameter's definition in the Broadway flow.

- Keeps the setting of the Custom logic parameters if the user goes back to the previous task's tab.

2. Task's Parameters Handling

- Fixed the creation of the parameter's view for a Business Entity (BE) with more than 2 levels of hierarchy.



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- Fixed the creation of the parameter's view in order to prevent an endless loop when the TDM setup has 2 Business Entities (BEs) with a cross hierarchy. For example:
 - BE1: A is the parent of B.
 - BE2: B is the parent of A.

3. Entity Clone

- Fixed the TDM Orchestrator flow for load tasks to exclude Fabric from the load and delete a transaction (the LUI data is read from Fabric) using the new Fabric 6.5.8 Broadway actor: NoTx.

4. Reference Handling

- Fixed the reference tables structure in Cassandra - set the entire table's record in one JSON field, avoiding errors when converting the source data types to Cassandra data types. For example:
 - An Oracle NUMBER data type can have an integer or a double value. Creating the Cassandra field with an INTEGER type may cause exceptions if the value is double and vice versa.
- Performance improvements on executions of reference tasks (Extract and Load tasks).
- Added a possibility to map source and target reference names in case they are not identical.
- TDM GUI:
 - TDM Task window: hide the Set Sync Policy and the Replace Sequence settings for reference only tasks (the Data Type is set to Reference).

5. Task Execution Process

- Fixed the sync of the LUI to avoid extracting the target keys from the target environment when running Extract tasks.

6. TDM Library Enhancements

- Enhanced the create flows template to ignore case sensitivity differences between the LU table field names and the target field names.
- Enhanced the create flows template to support different table names in Fabric LU and the target interface.
- Enabling a debug of the load and delete flows without executing a TDM task. This mode was previously not supported as some of the keys are set by the TDM task execution process.
- Population of all Broadway shared flows under the TDM category.



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7. TDM GUI

- Handled security vulnerabilities.
- Task execution summary window – fixed the execution note display. Prior to the fix it was displayed as an empty value.
- Task window:
 - Fixed the number of processed entities on the list of data versions for Load data versioning task.
 - The keeping of the user's setting of the additional execution parameters when he returns to the Additional Execution Parameters tab from the next task tabs:
 - Keeping the check on the Reference data type.
 - Keeping the retention period set for regular Extract tasks (the Data Versioning checkbox is cleared).

8. Other Fixes

- Fixed <https://k2view.freshdesk.com/a/tickets/29628> ticket - sending a quoted table name to the Broadway flow to prevent errors when the table name is a reserved word such as 'PLAN' or 'SELECT'.
- Fixed <https://k2view.freshdesk.com/a/tickets/29371> ticket - the display of the Systems & Logical Units popup window is now fixed (opened by clicking the Advanced Business Options in the Task window).
- Fixed <https://k2view.freshdesk.com/a/tickets/29068> ticket: the start task API has been fixed to handle empty string in the input target environment (it previously handled only null values).
- Fixed <https://k2view.freshdesk.com/a/tickets/26609> ticket - added a retry mechanism to the TDM LU sync in order to prevent the TDM jobs from getting stuck. If the LUI sync fails after 5 times, do not try to sync it and mark the sync status as a failure.
- Fixed the get Globals API to return Globals that are set on the LU level.
- Fixed the execution of Extract tasks based on the 'Select a Predefined Entity List' when the entity list is created by a Broadway flow.
- Fixed the task execution error report to report if no instance is found by the customer logic flow.
- Fixed the population of the immediate task in the TDMDB - it now populates the 'Scheduler' task's field with 'immediate' instead of a null value.