



TDM V9.2 RELEASE NOTES

These Release Notes describe the new features in TDM release V9.2 and list bugs that have been fixed since the V9.1.x release.

- Certification of this TDM release is based on:
 - Fabric 8.1.5
 - PostgreSQL 17

MAIN FEATURES AND IMPROVEMENTS

1. Vertical Execution Mode

- This release introduces an **additional execution mode for TDM tasks**: Vertical execution. This mode changes how the task execution process handles Logical Unit (LU) hierarchies: Instead of the traditional horizontal approach of executing system by system (where all entities are processed in one system before moving on to the next system in the hierarchy), the **vertical execution processes the complete LU hierarchy for each root entity before moving on to the next root entity**. This execution mode is particularly useful when running TDM tasks on a **large scale of entities** as it ensures **better cross-systems data consistency** and **data alignment**.

2. Reserved Entities Filter Options

- Enhancing the task's entities subset functionality by adding filtering options for reserved entities:
 1. **Filter out entities reserved by other users** (default option) – this option maintains the standard TDM behavior from previous versions:
 - Excludes entities that are currently reserved by users other than the task executor.
 - Allows task execution on entities reserved by the task executor.
 2. **Filter out all reserved entities** (new in this release)
 - Excludes all reserved entities, including those reserved by the task executor. This option ensures there is no overlapping with any of the reserved entities, regardless of who reserved them.

3. Display Business Names for Task's Parameters

- Omitting the Logical Unit (LU) name from the business parameter names that appear in the list of business parameters in the sub-setting of TDM task.



TDM RELEASE NOTES

- Note that it is still possible to configure the TDM portal to keep the previous parameter's display, and to concatenate the LU name to each parameter name.

4. AI-based Synthetic Entities Improvements

- Improving the identification of logical relationships between distant tables, namely, tables that are not linked with Primary Key/Foreign Key relation.

RESOLVED ISSUES

- Fixed the execution error when running multiple tasks in parallel on a given entity list (ticket #40264).
- Fixed the execution of reservation tasks when the entity subset is based on business parameters (#40256).
- TDM implementation – fixed the input parameters of the TDM orchestrator flow (ticket #40257).
- Table level task – fixed the support of JSON fields when using Fabric's Catalog and Discovery on the table's interface (ticket #40116).
- Rule-based synthetic entities – fixed the parameters' handling for the Parameters Coupling mode.
- TDM implementation – eliminate duplicate function names to prevent a validation error when opening the TDM project using Fabric .Net studio.
- Fixed the generation of the task execution report for the following tasks:
 - Extract tasks that are based on a Predefined Custom Logic selection method.
 - Delete tasks.
- Task execution – fixed the statistics about the number of successful and failed root entities when running a load task that replaces the entities' IDs (sequences) in the target environment.
- TDM portal fixes –
 - Fixed the display of the Business Entity's description and of the Task's description.
 - Task window – refreshed the input parameters that are displayed for each selected Custom Logic flow.
 - Fixed the selection of entities in the Reserved Entities window when different Business Entities have the same entity IDs.
 - Environment window – enabled the environment owner user to edit and/or delete a permission set (ticket #40440).