



TDM (TEST DATA MANAGEMENT) UPGRADE PROCEDURE TO V7.5.2

This document describes the following:

- A. How to upgrade TDM onto the present version: from **V7.5.1 to V7.5.2**
- B. How to re-implement the modified product features.

Notes:

This document does not cover the Fabric server topology changes, such as additions of nodes and data centers, changes of either replication factors or consistency level.

The TDM upgrade procedure should be performed on testing environments prior to applying it on your production deployment.

Perform a sanity test upon completion of the upgrade procedure, such as running a few TDM tasks and conducting other checks per the sanity procedure defined in your project.

SOFTWARE UPGRADE PROCEDURE

1. TDM Installation - Prerequisites

The following components should be installed as a prerequisite:

Fabric Server - Fabric 6.5.8 and above for TDM 7.5.2.

PostgreSQL DB - the TDM DB tables are created on a PostgreSQL DB. TDM V7.5.2 supports v9.6 and above (TDM V7.5.2 was certified based on v13).

2. Installation of TDM Package on the Fabric Server

Download Fabric and TDM docker from the download page.

Notes:

It is possible to install the TDM application on several Fabric nodes of a Fabric cluster, but they should all be working with the same TDM DB.

All Fabric nodes should work with the same Redis instance. This requirement will result in an alignment of the sequence and masked values generated by the TDM tasks. Open the Redis port on one Fabric node and run Redis.

The TDM and Redis interfaces are defined in the Fabric project.

For more information about TDM V7.5.2 installation see the TDM Installation article in the [TDM Configuration](#).

3. TDMDB Upgrade

Go to \$K2_HOME/TDMGUI/createTDMDB/updateTDMDB directory in Fabric.



TDM UPGRADE PROCEDURE

Set the following environment variables:

```
export PG_HOST=<postgreSQL DB host>
```

```
export PG_PORT=<postgreSQL DB port>
```

Add execution permissions to **updatek2TDMDB.sh** and run it in order to upgrade the TDM DB.

4. Import the Updated TDM V7.5.2 Library.

Back up the Fabric project. Then take the following steps:

Step 1 - Update the TDM Project Before the Import

- Web Services:
 - Delete all the TDM product's files from the Web Services.

Step 2 – Import the TDM Library to the Project

Open the TDM Fabric project in Fabric Studio and custom import the following objects of the updated [TDM 7.5.2 library](#) into the Fabric project:

- Web Services:
 - Import all the Web Services' files from the TDM library.
- Shared Broadway Flows and Actors:
 - Import the shared Broadway flows and actors from the TDM library. Make sure the following actors are not overridden:
 - TDMSeqList
 - TDMSeqSrc2TrgMapping
 - TDMFilterOutTargetTables
 - CustomLogicFlows
- Shared Templates:
 - Import and override the shared templates from the TDM Library.
- Shared Java Files:
 - Import and override the shared Java files from the TDM Library.
- TDM LU:
 - Import and override the TDM LU.
 - Edit the `deploy.flow` of the TDM LU:
 - Edit the Set Env (FabricSet) actor of the Set Environment stage: populate the value of the environment key with the environment name from which the `deploy.flow` needs to get the Cassandra and Redis connection details.
-

Step 3 – Redeploy the Imported TDM Web Services and TDM:

- Redeploy the Web Services and the TDM LU to Fabric.