

This document provides an overview on how to upgrade an existing CA Test Data Manager installation. The following upgrade paths are supported:

- 3.1.1 to 3.1.2
- 3.1.2 to 3.1.3
- 3.1.2 and 3.1.3 to 3.2
- 3.1.2, 3.1.3, and 3.2 to 3.2.1

**Note:** For 3.2.1 upgrades, upgrading from 3.1.3 and 3.2 were officially tested and certified. Other paths were not certified but are supported.

Follow a supported upgrade path to avoid repository and licensing compatibility issues.

This article provides a high-level upgrade process due to the sheer number of variables involved when implementing CA Test Data Manager. Variables include the number of systems with CA Test Data Manager components, the repository database type, and the number of enabled configuration editors. This article applies specifically to upgrades to the current release but does have a broader applicability to other supported upgrade paths.

Follow these steps to upgrade your CA Test Data Manager installation:

1. Process to Obtain the software
2. Prepare for Upgrade
3. Perform the Upgrade
4. Upgrade the Repository

## Process to obtain the software:

1. Go to <https://support.ca.com>.
2. Hover over the arrow (-->) under 'Download Center' so a list will appear.
3. Choose 'Download Solution' from the list.
4. You will be taken to the 'Download Center' at <https://support.ca.com/irj/portal/ProductCDNSearch>
5. Choose the following information.
  - Please select the type of download you are looking for: Products
  - Select a Product: CA Test Data Manager for Data Generation and Test Matching - MULTI-PLATFORM
  - Select a Release: 3.2
  - Select a Gen Level: 0001 (default)
  - Show me published solutions for this release: Check box. Check box for 'All components'. Select 'CA Data Finder, CA Test Case Optimizer, CA Test Data Manager'.
  - Click the 'Go' button.
6. You will be taken to <https://support.ca.com/irj/portal/ProdCDNResults> page for 'CA Test Data Manager for Data Generation and Test Matching - MULTI-PLATFORM'.
7. Click on the 'Add to cart' and 'Download' for the latest product component.

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8. A 'Download Method' page will pop up.

9. The CA recommended method for downloading a product is the first option.

Choose 'HTTP via Download' manager.

10. From the next pop-up, you can choose between the 'Enhanced Download Manager' and the 'Classic Download Manager'.

If you choose the 'Enhanced Download Manager', you will have to enable the pop up for it.

11. You will then be taken to a 'Download Status Page' where you can choose where the zip file will be downloaded to. Any place you choose is fine since this is not where Grid Tools will install to.

12. Once the zip file has finished downloading, you will get a message that it is complete.

13. Go to the location where you chose the zip file to be downloaded to and you should see the setup executable and the release notes.

14. You will need to launch the setup executable by double clicking on it, which will prompt you to extract all the files first.

Click 'Extract all' in the 'Compressed (zipped) Folders' pop up.

15. Select a destination to extract the files to.

16. Go to the folder location where the files were extracted to.

You should now see a setup executable with the Datamaker logo next to it.

Launch the executable by double clicking on it.

## Prepare for Upgrade

To prepare for the upgrade, ensure that all necessary data is backed up and enter your license request, if necessary. If you have already migrated to the new licensing scheme introduced in CA Test Data Manager 3.1.2, you do not require a new license. You can simply reload the license after upgrade until it expires.

1. Back up your repository database.  
This process varies depending on your database. Check with your DBA.
2. Back up all enabled CA Test Data Manager configurations as follows, using the TDoD Config Editor as an example:
  - a. Navigate to TDM\_HOME\Grid-Tools\TDoD\TDoD\_Config Editor and run TDoDConfigEditor.exe.
  - b. On the Configure Server tab, click Backup.  
The config editor creates a backup of the configuration file, and a confirmation message appears.
  - c. Back up other enabled config editors using the same process.

If enabled, other config editors that require backup are:

- Remote Publish Engine
  - Rally Batch Service
  - HP ALM Service
  - Group Job Process Executor
  - HP ALM Batch Configuration Service
3. (Optional) Request a license for your upgrade using a Customer Care Case Request: <https://support.ca.com/irj/portal/anonymous/customercare>.  
This request is only necessary if you are upgrading from an older version. Licenses from 3.1.2 and later are reusable with your upgraded software until they expire.  
Provide your Enterprise Site ID, Product Name (CA Test Data Manager), and release number.  
When the request is processed, you receive an activation key. If needed, we recommend that you request the license before performing the upgrade to account for the license turnaround time.

If you do face ANY issues with obtaining the license, please call the CA Customer Care helpdesk at 1.800.CALL.CAI (**800.225.5224**) (for North America).

For other countries, phone numbers are listed here:  
<http://www.ca.com/us/support/customer-assistance.aspx>.

# Perform the Upgrade

Perform the upgrade by downloading the software and installing it on the systems where CA Test Data Manager components exist. This process varies depending on the nature of your installation. If you have CA Test Data Manager components that are installed on multiple systems, run the upgrade on each system.

1. Download the latest release from the Download Center on CA Support Online.
2. Extract the downloaded zip file on the systems where you want to perform the upgrade.
3. Run `setup_GTServer_version.exe`:
4.
  1. The GT Server installer detects the existence of all prerequisites and clears all prerequisite check boxes.
  2. For components, select all CA Test Data Manager components that exist on the current system.
  3. The GT Server installer upgrades each component by running the different component installers. Retain all default selections.
5. Repeat Step 3 on all systems that contain CA Test Data Manager components.

## Upgrade the Repository

After the CA Test Data Manager upgrade completes, upgrade the repository by renaming the `rep.xml` file, performing the upgrade, and renaming the file again.

**Note:** The `rep.xml` lets you store repository credentials so you do not have to connect every time. If you do not use a `rep.xml` file, you can skip the steps related to the file.

6. Launch Datamaker using the Desktop icon, right click and 'Run as administrator' mode or through the file system (`TDM_HOME\Grid-Tools\GTDatamaker\gtdatamaker.exe`).
7. The following message appears:

```
DB version specified in database (3.1C) is invalid.  
  
This version of the software can work with DB version 3.1B only.  
  
You are connecting with pre-distributed details (rep.xml) - no upgrade is  
allowed.  
  
Please contact support.
```

This message means that you have to upgrade the repository before proceeding.

8. Navigate to the `TDM_HOME\Grid-Tools\GTDatamaker` directory, and rename the `rep.xml` file to `rep-old.xml`.
9. From the Windows Explorer dialog, type `%appdata%` into the file path and select the Grid-Tools folder in the results. Rename the `rep.xml` to `rep-old.xml` in this folder.

10. Launch Datamaker again.

The Test Data Repository log in for CA Test Data Manager dialog opens. It includes the repository profile that you selected in the last installation.

11. Click the green database connection button.

The following message appears:

12. Test Data Repository version specified in database (3.1B) is invalid.

This version of the software can work with Test Data Repository versions 3.2A and above only.

In order to run the upgrade you will need to know the user name and password of a user in the ADMIN group.

Would you like to attempt an upgrade?

13. Click Yes.

The login page opens.

14. Log in with administrator credentials.

The CA Test Data Manager - Datamaker Repository Schema - Updates Required message opens.

15. Click Yes.

The main Datamaker window opens.

16. Select Settings, Enter Activation Key.

17. Enter the activation key that you received from your license request, and click the Save button.

A confirmation opens. Click OK, and you should see a full listing of all connection profiles.

18. Close Datamaker.

19. Rename the rep-old.xml files to rep.xml in the TDM\_HOME\Grid-Tools\GTDatamaker and C:\Users\AppData\Roaming\Grid-Tools directories.

20. Launch Datamaker again.

You should be able to connect successfully to any connection profile.

21. Repeat the process described in **Perform Repository Maintenance** (see below) to verify that no further repository maintenance is required.

The upgrade is complete.

## Perform Repository Maintenance

After you connect to the repository and receive your Datamaker license, you must perform required one time maintenance on the repository database.

### Follow these steps:

1. Launch Datamaker (right click 'Run as administrator' mode).

2. Log in using the default administrator credentials:  
**User name:** administrator  
**Password:** marmite
3. Access the main Datamaker window without connecting to a data source.
4. Press Alt+Ctrl+M, and enter your credentials again.  
The **Maintain Connections** dialog opens.
5. Expand **GT Test Data Repository** and select **Check Repository Tables**.
6. Click **Execute Script** if the check returns problems.
7. Click **Update Repository Transact-SQL** and confirm by clicking **Yes**.
8. Click **Reset Sequences** and confirm by clicking **Yes**.
9. Click **Remote Publish Authorization** and click **Switch Off** if it is switched on.
10. Close and restart Datamaker.  
The repository maintenance is complete.