

HOW TO MANUALLY CREATE TRANSACTION ANALYZER DATABASE

Creating Database Manually

In some cases, you may need to manually create the Transaction Analyzer database in Tidal Transaction Analyzer. This Tech Note describes the procedure for manually creating the database.

► **To manually create Transaction Analyzer database**

- 1 Create the Transaction Analyzer database by executing the following script. Replace **<file_path>** with the location of the database files.

```
-- replace file path in the SQL statement
CREATE DATABASE TransactionAnalyzer
ON PRIMARY
(NAME = TransactionAnalyzer_dat,
FILENAME = '<file_path>\TransactionAnalyzer_dat.mdf',
SIZE = 200 MB,
FILEGROWTH = 200 MB)
LOG ON (NAME = TransactionAnalyzer_log,
FILENAME = '<file_path>\TransactionAnalyzer_log.ldf',
SIZE = 20 MB,
FILEGROWTH = 20 MB)
COLLATE SQL_Latin1_General_CP1_CI_AS
ALTER DATABASE TransactionAnalyzer SET RECOVERY SIMPLE
```

- 2 Run the SQL script below to create a table.

```
IF NOT EXISTS (select * from sysobjects where id =
object_id(N'TA_CONFIGURATION' ) )
BEGIN
CREATE TABLE TA_CONFIGURATION
(
CONFIGURATION_ID      int IDENTITY(1, 1) not null,
COMPONENT             NVARCHAR(32) not null,
SYSTEM_ID             smallint,
DATA_CATEGORY        NVARCHAR(200) not null,
DATA_NAME             NVARCHAR(200) not null,
DATA_VALUE           NVARCHAR(3000),
TIME_ADDED           datetime not null,
```

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```
LAST_MODIFIED datetime not null,
LAST_MODIFIEDBY NVARCHAR(255)
)
ALTER TABLE TA_CONFIGURATION WITH NOCHECK ADD
CONSTRAINT [PK_CONFIGURATION] PRIMARY KEY CLUSTERED
(
CONFIGURATION_ID
)
CREATE INDEX I_COMPONENT on TA_CONFIGURATION (COMPONENT)
CREATE INDEX I_SYSTEMID on TA_CONFIGURATION (SYSTEM_ID)
INSERT INTO TA_CONFIGURATION(COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'Database Schema', 'Version', '1.00.0',
GETUTCDATE(), GETUTCDATE())
INSERT INTO TA_CONFIGURATION (COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'Grooming', 'SummaryData', '24',
GETUTCDATE(), GETUTCDATE())
INSERT INTO TA_CONFIGURATION (COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'Grooming', 'DetailData', '6',
GETUTCDATE(), GETUTCDATE())
INSERT INTO TA_CONFIGURATION (COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'DataSummarization', 'TimeZoneFlag', '1',
GETUTCDATE(), GETUTCDATE())
INSERT INTO TA_CONFIGURATION (COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'Grooming', 'SQLSummaryData', '6',
GETUTCDATE(), GETUTCDATE())
INSERT INTO TA_CONFIGURATION (COMPONENT, DATA_CATEGORY,
DATA_NAME, DATA_VALUE, TIME_ADDED, LAST_MODIFIED)
VALUES ('Database', 'Grooming', 'SQLDetailData', '6',
GETUTCDATE(), GETUTCDATE())
END
GO
```

- 3 Run the Transaction Analyzer database script to manually create the database schema. The Transaction Analyzer database SQL script is in the Transaction Analyzer installation directory:

<InstallDir>\Configuration Data\Database\ build_TA_db.sql

You must run the SQL script using a *sysadmin* account. The database schema needs to be created under dbo default schema.

- 4 After the TransactionAnalyzer database schema has been successfully created, you can use the Transaction Analyzer Configuration Wizard to create the database. The wizard will detect that the Transaction Analyzer database exists and use the existing database.

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