Hive Table Settings

When publishing to Hive, please complete the following steps to configure the table and settings to apply to the publish action through the Run Job page.

> **NOTE:** Some Trifacta data types may be exported to Hive using different data types. For more information on how types are exported to Hive, see *Hive Data Type Conversions*.

Steps:

1. **Select location:** Navigate the Hive browser to select the database and table to which to publish.
   a. To create a new table, click **Create a new table**.
2. **Select table options:**
   a. **Table name:**
      i. New table: enter a name for it. You may use a pre-existing table name, and schema checks are performed against it.
      ii. Existing table: you cannot modify the name.
   b. **Output database:** To change the database to which you are publishing, click the Hive icon in the sidebar. Select a different database.

   > **NOTE:** You cannot publish to a Hive database that is empty. The database must contain at least one table.

   c. **Publish actions:** Select one of the following.

   > **NOTE:** If you are writing to unmanaged tables in Hive, create and drop & load actions are not supported.

      i. **Create new table every run:** Each run generates a new table with a timestamp appended to the name.
      ii. **Append to this table every run:** Each run adds any new results to the end of the table.

      > **Tip:** Optionally, users can be permitted to publish to Hive staging schemas to which they do not have full create and drop permissions. This feature must be enabled. For more information, see *Configure for Hive*.
      >
      > When enabled, the name of the staging DB must be inserted into your user profile. See *User Profile Page*.

      iii. **Truncate the table every run:** With each run, all data in the table is truncated and replaced with any new results.
      iv. **Drop the table every run:** With each run, the table is dropped (deleted), and all data is deleted. A new table with the same name is created, and any new results are added to it.
3. To save the publishing action, click **Add**.

Copyright © 2021 Trifacta Inc.