

# API JobGroups Put Publish v4

This is the latest version of the APIs.

## Contents:

- *Required Permissions*
- *Request*
- *Response*
- *Reference*

For a specified jobGroup, this endpoint performs an ad-hoc publish of the results to the designated target.

- Target information is based on the specified connection.
- Job results to published are based on the specified jobGroup.

You can specify:

- Database and table to which to publish
- Type of action to be applied to the target table. Details are below.

Supported targets:

- Hive
- Redshift

For more information on jobGroups, see *API JobGroups Get v4*.

For additional examples, see *API Workflow - Publish Results*.

**Version:** v4

## Required Permissions

**NOTE:** Each request to the Trifacta® platform must include authentication credentials. See <https://api.trifacta.com/ee/6.4/index.html#section/Authentication>.

## Request

**Request Type:** PUT

**Endpoint:**

```
/v4/jobGroups/<id>/publish
```

where:

Parameter	Description
<id>	Internal identifier for the job group

## Request URI - Example:

```
/v4/jobGroups/31/publish
```

## Request Body - Hive:

```
{
  "connection": {
    "id": 1
  },
  "path": ["default"],
  "table": "test_table",
  "action": "create",
  "inputFormat": "pqt",
  "flowNodeId": 27
}
```

## Response

**Response Status Code - Success:** 200 - OK

## Response Body Example:

```
{
  "jobgroupId": 31,
  "reason": "JobStarted",
  "sessionId": "f6c5f350-2102-11e9-bb80-9faf7b15f235"
}
```

## Reference

### Request Reference:

Property	Description
connection	Internal identifier of the connection to use to write the results.
path	Name of database to which to write the results. This value must be enclosed in square brackets.
table	Name of table in the database to which to write the results.
action	Type of writing action to perform with the results. Supported actions: <ul style="list-style-type: none"><li>• <code>create</code> - Create a new table with each publication. This table is empty except for the schema, which is taken from the results. A new table receives a timestamp extension to its name.</li><li>• <code>load</code> - Append a pre-existing table with the results of the data. The schema of the results and the table must match.</li><li>• <code>createAndLoad</code> - Create a new table with each publication and load it with the results data. A new table receives a timestamp extension to its name.</li><li>• <code>truncateAndLoad</code> - Truncate a pre-existing table and load it with fresh data from the results.</li><li>• <code>dropAndLoad</code> - Drop the target table and load a new table with the schema and data from the results.</li></ul>

inputFormat	<p>Source format of the results. Supported values:</p> <p><b>Hive:</b></p> <ul style="list-style-type: none"> <li>• avro</li> <li>• pqt</li> </ul> <p><b>Redshift:</b></p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p><b>NOTE:</b> For results to be written to Redshift, the source must be stored in S3 and accessed through an S3 connection.</p> </div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p><b>NOTE:</b> By default, data is published to Redshift using the <code>public</code> schema. To publish using a different schema, preface the <code>table</code> value with the name of the schema to use: <code>MySchema.MyTable</code>.</p> </div> <ul style="list-style-type: none"> <li>• csv</li> <li>• json</li> <li>• avro</li> </ul>
flowNodeid	The internal identifier for the recipe (wrangledDataset) from which the job was executed.

For more information on the available status messages, see *API JobGroups Put Publish v4*.