

API Connections Create DryRun v4

This is the latest version of the APIs.

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Performs a dry run of creating the connection, testing it, and then deleting the connection. For more information on connections, see *Connection Types*.

Version: v4

Required Permissions

NOTE: Each request to the Trifacta® platform must include authentication credentials. See *API Authentication*.

Request

Request Type: POST

Endpoint:

```
/v4/connections/dryRun
```

Request Body - Relational Connection:

For relational connections, the request body should look like the following. All properties are required unless noted.

NOTE: Relational connections require the creation and installation of an encryption key file on the Trifacta node. This file must be present before the connection is created. See *Create Encryption Key File*.

This example creates a Postgres connection of `basic` credentials type. A valid username/password combination must be specified in the `credentials` property.

```

{
  "connectParams": {
    "vendor": "postgres",
    "vendorName": "postgres",
    "host": "postgres.example.com",
    "port": "5432",
    "database": "myDB"
  },
  "host": "postgres.example.com",
  "port": 5432,
  "vendor": "postgres",
  "params": {
    "connectStrOpts": "",
    "database": "myDB"
  },
  "ssl": false,
  "vendorName": "postgres",
  "name": "postgres",
  "description": "",
  "type": "jdbc",
  "isGlobal": false,
  "credentialType": "basic",
  "credentialsShared": true,
  "disableTypeInference": false,
  "credentials": [
    {
      "username": "<username>",
      "password": "<password>"
    }
  ]
}

```

For more information on these properties, see *API Connections Get v4*.

Response

Response Status Code - Success: 200 - OK

Response Body Example - success:

```

{
  "result": "SUCCESS",
  "reason": null
}

```

Response Body Example - failure:

In the following example, the message indicates that there was a failure to connect to the host.

```

{
  "result": "FAILURE",
  "reason": {
    "exception": {
      "name": "com.trifacta.connect.spring.exception.JdbcConnectionException",
      "message": "Could not connect to host",
      "details": "com.trifacta.connect.spring.exception.JdbcConnectionException",
      "cause": "ConnectException: Connection refused (Connection refused)"
    }
  }
}

```

Reference

For more information on the response body properties, see *API Connections Get v4*.