

API Connections Get v4

This is the latest version of the APIs.

Contents:

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

Get the specified 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 <https://api.trifacta.com/ee/6.8/index.html#section/Authentication>.

Request

Request Type: GET

Endpoint:

```
/v4/connections/<id>
```

where:

Parameter	Description
<id>	Internal identifier for the connection

Request URI - Example:

```
/v4/connections/3
```

Query parameter reference:

The following query parameters can be submitted with this endpoint:

Query Parameter	Data Type	Description
embed	string	Comma-separated list of objects to include part of the response.
includeDeleted	string	If set to true, response includes deleted objects.

The following parameters are supported specifically for this endpoint:

Query Parameter	Data Type	Description
sharedRole	string	The type of role for which to list connections.

For more information, see *API Common Query Parameters v4*.

Request Body:

Empty.

Response

Response Status Code - Success: 200 - OK

Response Body Example:

```
{
  "connectParams": {
    "vendor": "hive",
    "vendorName": "hive",
    "host": "hadoop",
    "port": "10000",
    "jdbc": "hive2",
    "defaultDatabase": "default"
  },
  "id": 1,
  "host": "hadoop",
  "port": 10000,
  "vendor": "hive",
  "params": {
    "jdbc": "hive2",
    "connectStringOptions": "",
    "defaultDatabase": "default"
  },
  "ssl": false,
  "vendorName": "hive",
  "name": "hive",
  "description": null,
  "type": "jdbc",
  "isGlobal": true,
  "credentialType": "conf",
  "credentialsShared": true,
  "uuid": "3c8672f0-13ea-11e9-82f7-3ff8e3d74b3f",
  "disableTypeInference": false,
  "createdAt": "2019-01-09T08:40:37.023Z",
  "updatedAt": "2019-01-09T08:40:37.037Z",
  "credentials": [],
  "creator": {
    "id": 1
  },
  "updater": {
    "id": 1
  },
  "workspace": {
    "id": 1
  }
}
```

Reference

Property	Description
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connectParams.vendor	The type of connection. See <i>Connection Types</i> .
connectParams.host	Host of the source
connectParams.port	Port number for the source
connectParams.jdbc	JDBC type for the connection
connectParams.defaultDatabase	(if applicable) Name of the default database
connectParams.extraLoadParams	(if applicable) If the connection types supports them, this setting contains additional parameters to be passed to the host when making the connection.
id	Internal identifier for the connection
host	Host of the source
port	Port number for the source
vendor	String identifying the connection's vendor
params	This setting is populated with any parameters that are passed to the source during connection and operations. For relational sources, this setting may include the default database and extra load parameters.
ssl	When <code>true</code> , the Trifacta platform uses SSL to connect to the source.
vendorName	Name of the vendor of the connection
name	Internal name of the connection
description	User-friendly description for the connection
type	Type of connection
isGlobal	<p>If <code>true</code>, the connection is public and available to all users.</p> <div style="border: 1px solid #ccc; border-radius: 10px; padding: 10px; margin: 10px 0;"> <p>NOTE: After a connection has been made public, it cannot be made private again. It must be deleted and recreated.</p> </div> <p>Default is <code>false</code>. A connection can be made public through the Connections page. See <i>Connections Page</i>.</p>

credentialType	<p>The type of credentials used for the connection. This value varies depending on where the credentials are stored.</p> <ul style="list-style-type: none"> • <code>basic</code> - Simple username/password to be provided in the <code>credentials</code> property. • <code>aws</code> - AWS-specific credentials. Used for Redshift connections. • <code>conf</code> - Use the connection credentials stored in <code>trifacta-conf.json</code>. • <code>sshKey</code> - Use an SSH key as your password. For SFTP connections. • <code>kerberosDelegate</code> - Connection uses the Kerberos-delegated principal to connect to the database. No credentials are submitted as part of the connection definition. This method requires additional configuration. See <i>Enable SSO for Relational Connections</i>. • <code>kerberosImpersonation</code> - Connection uses the Kerberos impersonation principal for the user to connect to the database. No credentials are submitted as part of the connection definition. For more information, see <i>Configure for Kerberos Integration</i>. • <code>azureTokenSso</code> - Connect to Azure-hosted resources using the Azure Single Sign On (SSO) token for the authenticating user. For more information, see <i>Configure SSO for Azure AD</i>.
credentialsShared	<p>If <code>true</code>, the credentials used for the connection are available for use by users who have been shared the connection.</p>
uuid	<p>A universal object identifier, which is unique across instances of the platform.</p> <p>This internal identifier is particularly useful when create import mapping rules.</p> <ul style="list-style-type: none"> • See <i>API Deployments Value Import Rules Patch v4</i>. • See <i>API Deployments Object Import Rules Patch v4</i>.
disableTypeInference	<p>If set to <code>false</code>, type inferencing has been disabled for this connection. The default is <code>true</code>.</p> <p>When type inferencing has been disabled, the Trifacta platform does not apply Trifacta types to data when it is imported. For more information, see <i>Configure Type Inference</i>.</p>
createdAt	Timestamp for when the connection was made
updatedAt	Timestamp for when the connection was last updated
credentials	If present, these values are the credentials used to connect to the database.
creator.id	Internal identifier of the user who created the connection.
updater.id	Internal identifier of the user who last updated the connection.
workspace.id	Internal identifier of the workspace with which this connection is associated.