

Vermont Ed-Fi Configuration

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[Connection Details](#) | [Enter Ed-Fi Configuration values](#) |

Tool Search: Configuration

The Ed-Fi Configuration tool allows you to setup and manage the data connection between Campus and the Ed-Fi system, and determine resource preferences.

Ed-Fi Configuration rights provide access to **Resource Preferences**.

Read - View the Resource Preferences.

Write - Modify existing Resource Preferences.

Add - Create new Resource Preferences.

Delete - N/A

Connection Detail rights provide access to the **Connection Detail** values.

Read - View the Ed-Fi Connection Detail editor.

Write - Modify Ed-Fi Connection Detail values.

Add - Create new Ed-Fi Connection Detail records.

Delete - Delete Ed-Fi Connections.

For more information about Tool Rights and how they function, see the [Tool Rights](#) article.

Connection Details

See the [Ed-Fi Configuration Tool](#) for more information.

Ed-Fi Configuration values are created by the Ed-Fi ODS and are entered by the district. When information does not make a successful connection, work with Campus Support to troubleshoot

your issues.

When incorrect values are entered and saved, syncing between Campus and Ed-Fi is disabled and any attempts at syncing data may result in unprocessed events within the Event Queue.

Connection Detail (22-23 VT)

Ed-Fi Connection Type *
State

Connection Name *
22-23 VT

School Year *
22-23

OAuth URL *
[empty]

API URL *
[empty]

Post-Amble *
data/v3

Timeout in Seconds *
60

Connection Credentials
Add Multiple Credentials
Turn this feature on if more than 1 Key and Secret is required for this School Year.
 OFF

Ed-Fi Connection Details for Vermont

The following describes each Ed-Fi Configuration field.

Field	Description
Connection Type	Indicates the type of Ed-Fi connection, either State or Core .
Connection Name	The unique name given to the connection.
School Year	<p>The school year scoped for the configuration values entered.</p> <p>Start Date and End Date values should be entered for the school year in the School Years editor.</p> <p>Otherwise, a default Start Date of 7/1/YYYY is used and a default End Date of 6/30/YYYY is used to determine what year to send data (where YYYY = the Start Year and End Year values entered on the School editor).</p>

Field	Description
O-Auth URL	The base URL of the endpoint to retrieve an OAuth Token. Please see the O-Auth URL and ID Post Amble Information section below for details on entering information in this field.
API URL	The base URL of the API.
ID Post-Amble	The URL for Ed-Fi resources and Ed-Fi Identities is generally different, so this parameter is to store the URL segment for identities (this is appended on to the API URL). Please see the O-Auth URL and ID Post Amble Information section below for details on entering information in this field.
Timeout in Seconds	<p>This field determines (in seconds) the amount of time allowed to pass before the connection between Campus and Ed-Fi is considered timed out and Ed-Fi events are not processed. These Ed-Fi events are then reprocessed the next time a quartz job runs.</p> <p>This field is defaulted to a value of 60 seconds but can be modified.</p>
Client Key	The client key. There could be multiple APIs attached to one given URL. They are demarcated based on a key.
Client Secret	The secret that goes along with the above key. This is used to generate the OAuth token.
Test Connection	<p>Selecting this button initiates a check to see whether the values entered in the configuration fields are valid and proper connection has been made between Campus and Ed-Fi.</p> <p>When a connection is made, a message saying "Connection is Valid" displays.</p>

O-Auth URL and ID Post Amble Information

Field	Value	Example
O-Auth URL	The server URL concatenated with /edfi.ods.webapi.	<p>When the Base URL is <code>https://edfiods-dev002.infinitecampus.com/edfi.ods.webapi/data/v3</code>, then the O-Auth URL is the part of the Base URL before /data. Add <code>https://</code> to the beginning when it is not present.</p> <p>So in this example, the O-Auth URL is: <code>https://edfiods-dev002.infinitecampus.com/edfi.ods.webapi</code>.</p>

Field	Value	Example
ID Post Amble	<p>The ID Post Amble is /data through the end of the Base URL.</p> <p>Note: The end year of the school year is optional as part of the ID Post-Amble in Ed-Fi 3.1.</p>	<p>When the Base URL is: https://edfiods-dev002.infinitecampus.com/edfi.ods.webapi/data/v3, then the ID Post Amble is /data through the end of the Base URL.</p> <p>So in this example, the ID Post Amble is: /data/v3.</p>

Enter Ed-Fi Configuration values

1. Click the **Connection** button. The **Connection Detail** editor displays.
2. Enter the **Connection Name**.
3. Select the **School Year**.
4. Enter the **O-Auth URL**.
5. Enter the **API URL**.
6. Enter the **Post-Amble**.
7. Enter the **Timeout in Seconds** (or leave the default value of 60).
8. Enter the **Client Key**.
9. Enter the **Client Secret**.
10. Select the **Save** icon.
11. Click the **Test Connection** button to ensure configuration values were correct and a connection to Ed-Fi was made. When a proper connection is made, a message saying "Connection is Valid" displays.