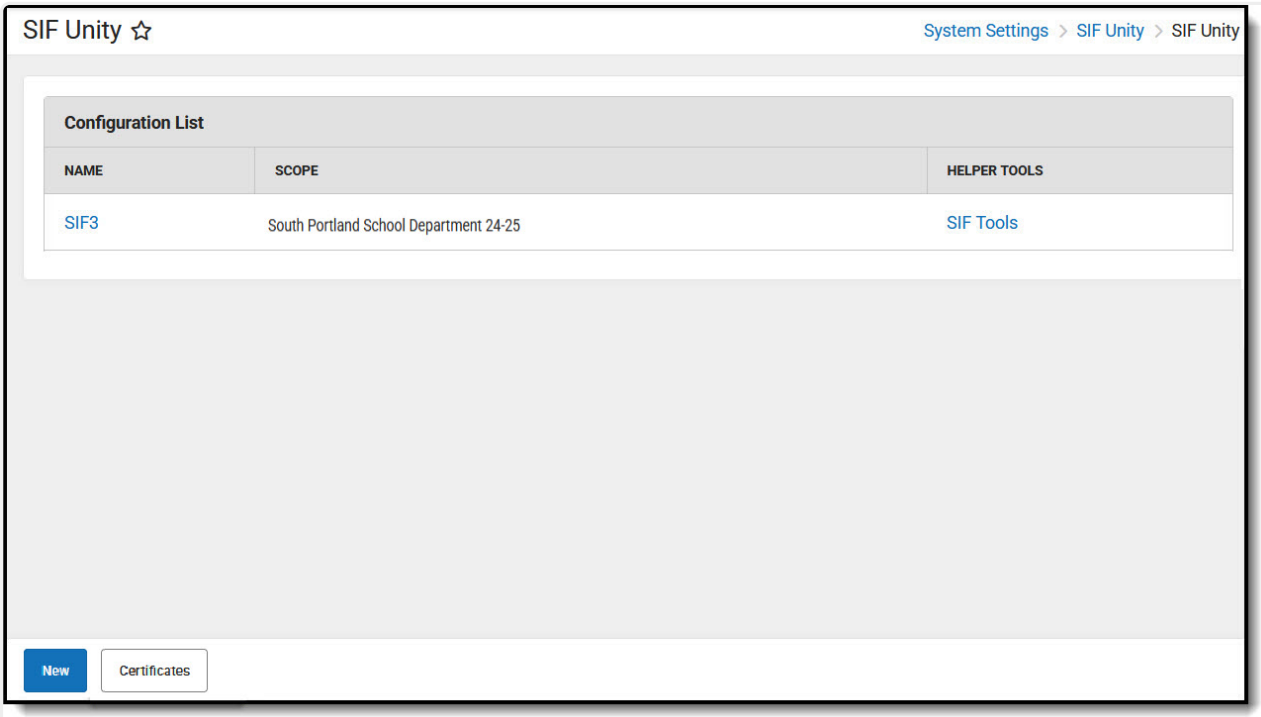
SIF Unity Configuration Setup (Wyoming)

Last Modified on 10/27/2026 10:17 am CDT

Path: System Settings > SIF Unity > Configuration Tool

The SIF Unity Configuration tool allows districts to set up SIF Configurations. These options include setting Zone Information, Zone Options, and Object Rights. A valid configuration must be set up in order to send records.



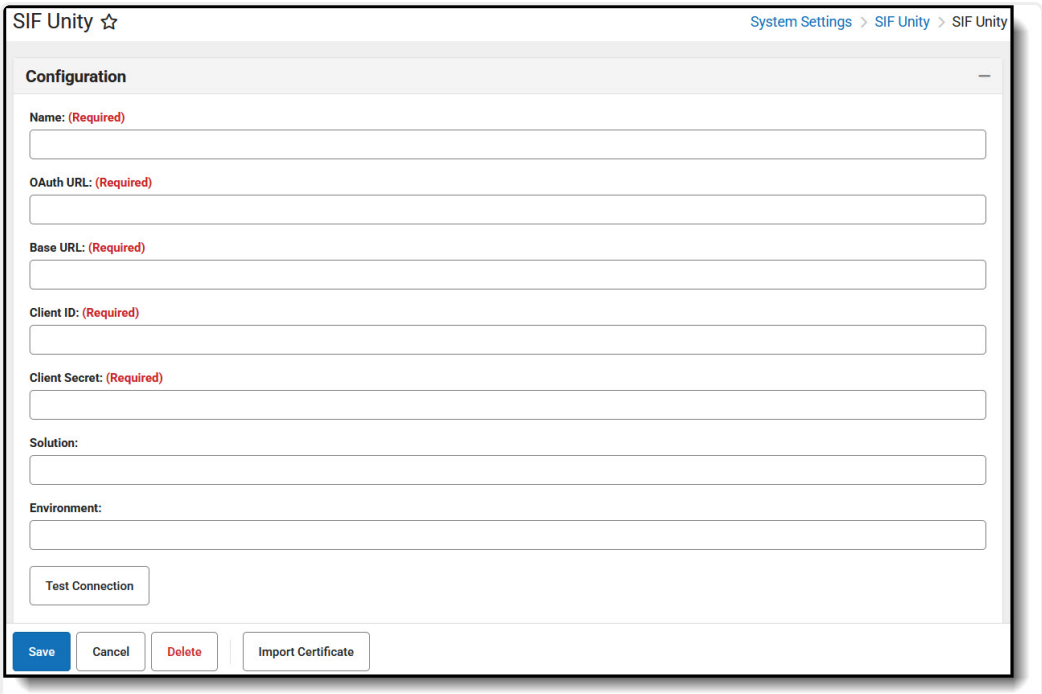
SIF Unity Configuration

Read - User is allowed to view existing configuration data.
Write - User is allowed to update configuration data.
Add - User is allowed to create configurations.
Delete - User is allowed to delete configurations.

For more information about Tool Rights and how they function, see the Tool Rights article.

1. Set up a new SIF Configuration

A valid configuration is required to send data.



SIF Unity Configuration

1. Select **New** from the SIF Unity page.
2. Complete the following fields for the SIF Configuration:
   Note: All fields in the SIF Configuration are required.

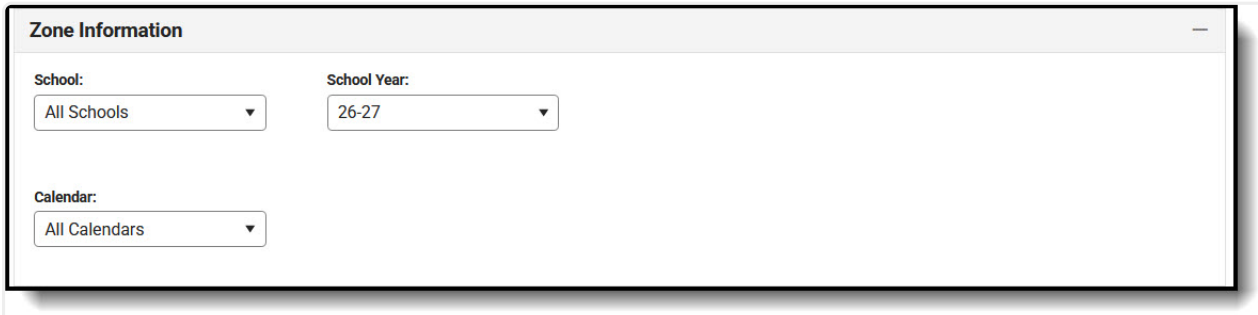
Field	Description
Name *(Required)*	The unique name of the configuration.
OAuth URL *(Required)*	The OAuth URL for the configuration.
Base URL *(Required)*	The Base URL for the configuration.
Client ID *(Required)*	The Client ID for the configuration.
Client Secret *(Required)*	The Client Secret for the configuration.
Solution	The Solution for the SIF Configuration.
Environment	The Environment for the SIF Configuration.

Field	Description
Test Connection	Selecting this button initiates a check to verify that the values entered in the configuration fields are valid and that a proper connection has been established. If a connection is established, a message "Connection is Valid" is displayed.

3. Select the **Test Connection** button to confirm a valid connection has been established.
4. If a certificate needs to be imported, select the **Import Certificate** button and import a certificate. For more information on Certificates, please review the SIF Unity Certificates article.
5. Click **Save.**

2. Set Up Zone Information

A zone is an area specifically configured for data exchange and message communication. The data exchanged for these purposes is "scoped" on the Zone by selecting parameters that prevent excessive data transfer.



Zone Information

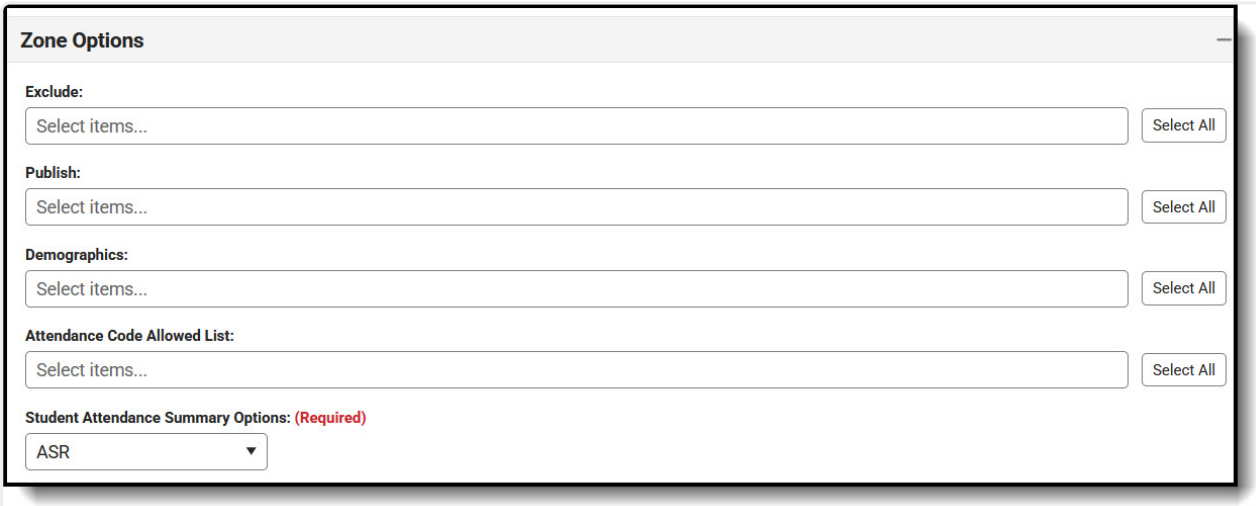
The following table defines the fields/settings of the Zone Information editor:

Field	Description
School	Data from schools selected in this field will be available for exchange.
School Year	Data from years selected in this field will be available for exchange.
Calendar	Data from calendars selected in this field will be available for exchange.

3. Set up Zone Options

Zone Options allow users to limit or specify certain data objects and parameters transferred for the zone. These options include the ability to exclude specific enrollments and include staff and student Social Security Numbers within messages.

The Attendance Code Allowed List allows users to specify which attendance codes are included in SIF attendance objects. Attendance records marked with an Attendance Code other than the values set in this section are excluded from SIF attendance object messages.



Zone Options

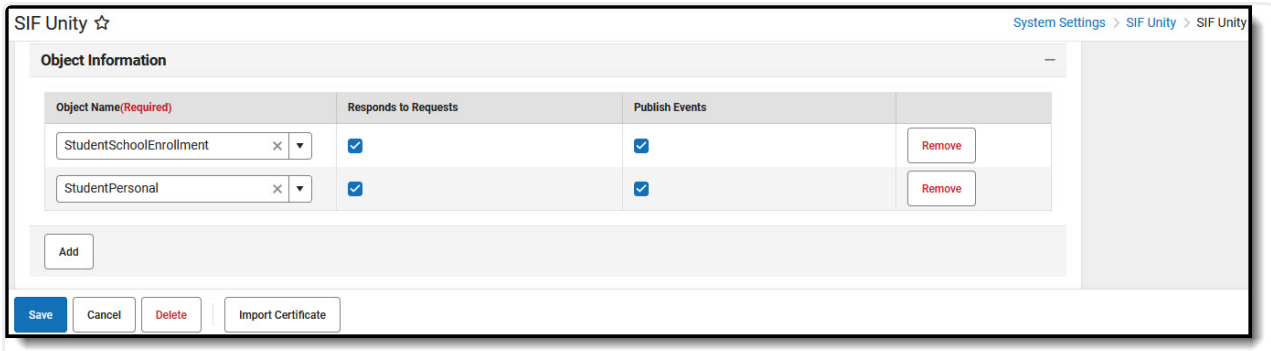
The following table defines the fields/settings of the Zone Options editor:

Field	Description
Exclude	Allows users to exclude information. Options are: • **Secondary Enrollments:** If selected, all data tied to non-primary student enrollment records will be excluded from the exchanged SIF message. This should be done when the external SIF application only requires primary student enrollment records. • **No Show Enrollments:** If selected, enrollment records with the No Show checkbox marked will not produce a student-based SIF object, and the student will be omitted from SIF batch requests and events. • **State Exclude Enrollments:** If selected, enrollment records where the State Exclude checkbox is marked will not produce a student-based SIF object, and the student will be omitted from SIF batch requests and events. This field also omits all enrollment records in calendars marked Exclude or Schools marked Exclude. • **State Exclude District Assignments:** If selected, district assignment records where the State Exclude checkbox is marked will not produce a staff-based SIF object, and the staff will be omitted from SIF batch requests and events. This field also omits all district assignment records in Schools marked Exclude**.** • **Exclude Private Contact Email:** If selected, private contact email records will not be sent.

Field	Description
Publish	By default, Social Security Numbers are not published in the StudentPersonal or StaffPersonel objects; however, users can include this information by marking the following checkboxes: • **Social Security Numbers in StudentPersonal** - If selected, Social Security Numbers will populate the <OtherID> of the StudentPersonal object in both events and batch requests. • **Social Security Numbers in StaffPersonal** - If selected, Social Security Numbers will populate the <OtherID> of the StaffPersonal object in both events and batch request.
Demographics	Allows users to indicate what demographic information will be sent: • **Use Legal Gender:** When this option is selected, and Legal Gender is populated on the person's current Identity, the SIF Gender element is reported from the Legal Gender field**.** When this option is not selected, or Legal Gender is blank on the person's current Identity, the Gender element is reported from the Gender field. • **Use Legal Name:** When this option is selected, and Legal First and Last Name fields are populated in the person's current Identity, then reports from the legal name fields for all of the elements under the Name element in SIF. When this option is not selected, or Legal First or Last Name fields are blank on the person's current Identity, then reports from the regular name fields for all of the elements under the Name element.
Attendance Code Allowed List	Allows users to specify which attendance codes are included in SIF attendance objects. Attendance records marked with an Attendance Code other than the values set in this section are excluded from SIF attendance object messages.
Student Attendance Summary Options *(Required)*	Allows users to set the Student Attendance Summary for the Zone.

4. Set Object Information

Object Information allows users to indicate which SIF objects will respond to requests and/or publish events



Object Rights

The following table defines the fields/settings of the Object Information editor:

Field	Description
Object Name *(Required)*	Indicates the SIF object for which the Object Rights are for.
Respond to Requests	When marked, the selected SIF Object responds to Batch Requests. **Note:** For the StudentPersonal Object, responds to requests for StateID.
Publish Events	When the checkbox is marked, the selected SIF Objects will publish trigger events.
Remove	When this button is selected, the SIF Object access rights are removed.
Add	Allows the users to add additional SIF Objects.

Additional SIF Unity Tools

The SIF Unity tools allow users to set up, manage, and maintain SIF data.

SIF Unity Tools
• Object Viewer • Message History • Sent Record History • Record Deleter • Reconciliation • Person Data • Certificates • Error Log • Event Queue Statistics Report • SIF Unity (Wyoming)