

# SIF Configuration Setup (Virginia)

Last Modified on 06/30/2025 12:41 pm CDT

Tool Search: Configuration

This article describes the steps you should take to properly set up a new SIF Configuration for Virginia.

The SIF 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.

Currently, SIF Unity is only available in Virginia.

The screenshot shows the SIF Unity configuration management interface. At the top, there's a breadcrumb trail: "System Settings > SIF Unity > SIF Unity". Below this is a "Configuration List" table with three columns: NAME, SCOPE, and HELPER TOOLS. The table contains two entries: "SIF3" with scope "Augusta County 24-25" and "VATest" with scope "24-25 Clymore Elementary School". Each entry has a "SIF Tools" link in the HELPER TOOLS column. At the bottom left, there are two buttons: "New" and "Certificates". The text "SIF Unity" is displayed at the bottom center of the interface.

NAME	SCOPE	HELPER TOOLS
SIF3	Augusta County 24-25	<a href="#">SIF Tools</a>
VATest	24-25 Clymore Elementary School	<a href="#">SIF Tools</a>

[New](#) [Certificates](#)

SIF Unity

**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	Value
<b>Name</b>	The unique name of the configuration.	Enter a name for the configuration.
<b>OAuth URL</b>	The OAuth URL for the configuration.	https://va-slf.sifworks.com
<b>Base URL</b>	The Base URL for the configuration.	https://va-slf.sifworks.com/token
<b>Client ID</b>	The Client ID for the configuration.	Please contact your vendor for the appropriate value.
<b>Client Secret</b>	The Client Secret for the configuration.	Please contact your vendor for the appropriate value.
<b>Test Connection</b>	Selecting this button initiates a check to see if the values entered in the configuration fields are valid and if a proper connection has been made. If a connection is made, a message saying "Connection is Valid" displays.	N/A

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.

SIF Unity ☆
System Settings > SIF Unity > SIF Unity

Zone Information

School:

All Schools

School Year: (Required)

24-25

Calendar:

All Calendars

Zone Information

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

Field	Description
<b>School</b> <i>(Required)</i>	Data from schools selected in this field will be available for exchange.
<b>Year</b>	Data from years selected in this field will be available for exchange.
<b>Calendar</b>	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 set which attendance codes will be included within 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

Exclude:

Select items...

Select All

Publish:

Select items...

Select All

Demographics:

Select items...

Select All

Attendance Code Allowed List:

Select items...

Select All

Zone Options

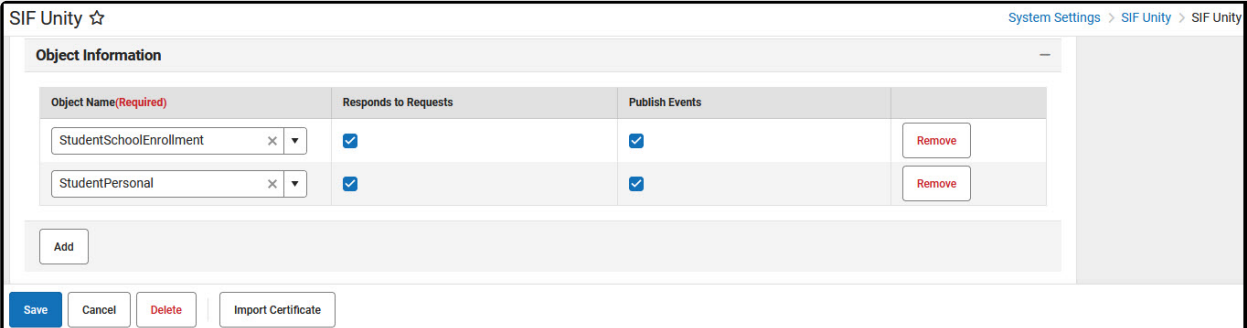
The following table defines the fields/settings of the Zone Options editor:

Field	Description
<b>Exclude</b>	<p>Allows users to exclude information. Options are:</p> <ul style="list-style-type: none"> <li>• <b>Secondary Enrollments:</b> 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.</li> <li>• <b>No Show Enrollments:</b> 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.</li> <li>• <b>State Exclude Enrollments:</b> 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.</li> <li>• <b>State Exclude District Assignments:</b> 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.</li> <li>• <b>Exclude Private Contact Email:</b> If selected, private contact email records will not be sent.</li> </ul>
<b>Publish</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• <b>Social Security Numbers in StudentPersonal</b> - If selected, Social Security Numbers will populate the &lt;OtherID&gt; of the StudentPersonal object in both events and batch requests.</li> <li>• <b>Social Security Numbers in StaffPersonal</b> - If selected, Social Security Numbers will populate the &lt;OtherID&gt; of the StaffPersonal object in both events and batch request.</li> </ul>
<b>Demographics</b>	<p>Allows users to indicate what demographic information will be sent:</p> <ul style="list-style-type: none"> <li>• <b>Use Legal Gender:</b> When this option is selected, and Legal Gender is populated on the person's current Identity, then 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.</li> <li>• <b>Use Legal Name:</b> 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.</li> </ul>

Field	Description
<b>Attendance Code Allowed List</b>	Allows users to set which attendance codes will be included within 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.

## 4. Set Object Information

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



SIF Unity ☆ System Settings > SIF Unity > SIF Unity

**Object Information**

Object Name (Required)	Responds to Requests	Publish Events	
StudentSchoolEnrollment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remove
StudentPersonal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remove

Add

Save Cancel Delete Import Certificate

*Object Rights*

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

Field	Description
<b>Object Name (Required)</b>	Indicates the SIF object for which the Object Rights are for.
<b>Respond to Requests</b>	When marked, the selected SIF Object responds to Batch Requests. <b>Note:</b> For the StudentPersonal Object, responds to requests for StateID.
<b>Publish Events</b>	When the checkbox is marked, the selected SIF Objects will Publish trigger events.
<b>Remove</b>	When this button is selected, the SIF Object access rights are removed.
<b>Add</b>	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](#)
  - [Record Deleter](#)
  - [Person Object Viewer](#)
  - [Certificates](#)
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