MA SIF Sent Object Search (Massachusetts)

Last Modified on 10/22/2022 10:23 am CDT

Tool Rights | Searching Sent SIF Objects | Opening SIF Search Result Files | Understanding SIF Sent Object Search Results

PATH: *System Administration > Data Utilities > SIF > MA SIF Sent Object Search*

MA SIF Sent Object Search tool allow you to search for and audit SIF data sent to the state and filter this data based on a defined date range, SIF object, and other identifiers.

This tool is especially helpful when auditing data manually published via MA SIF Publish Tool or SIF Record Updater.

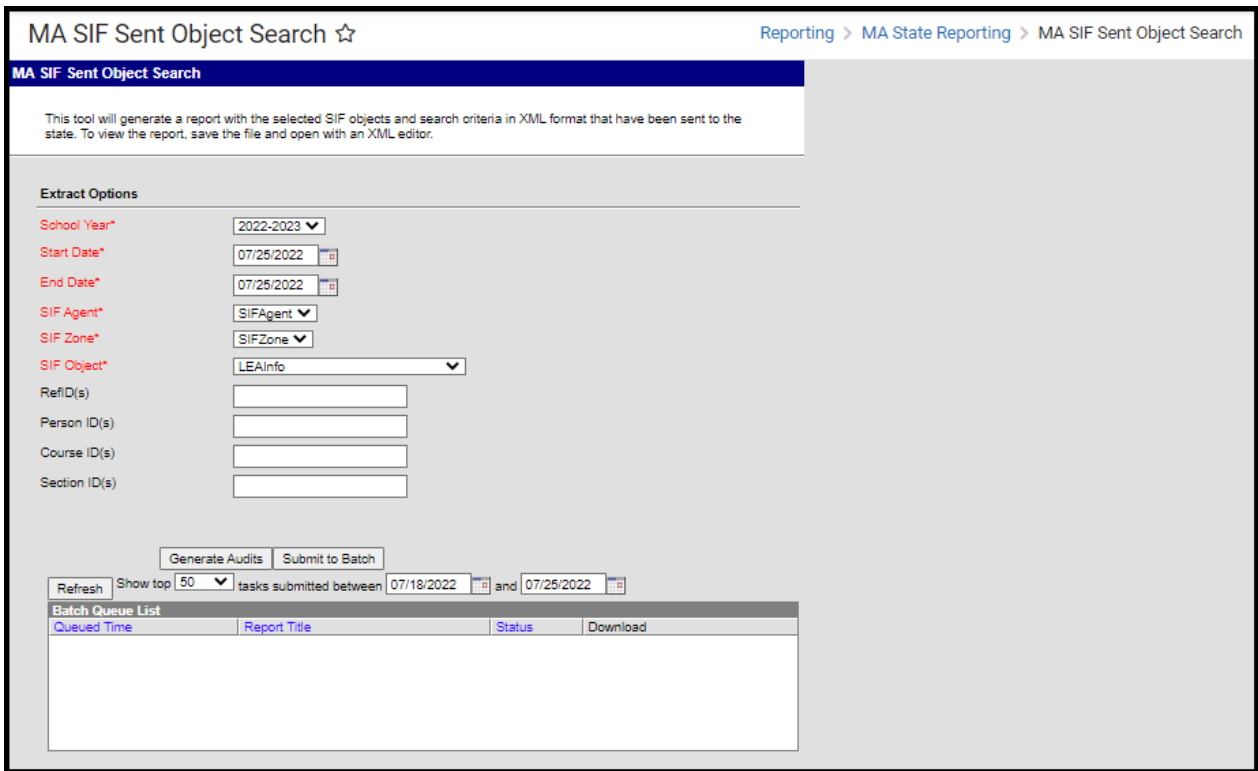*Image 1: MA SIF Sent Object Search*

Tool Rights

PATH: *System Administration > User Security > Users > Tool Rights*

Users must have at least **R**(ead) tool rights in order to access and generate the MA SIF Sent Object Search tool.
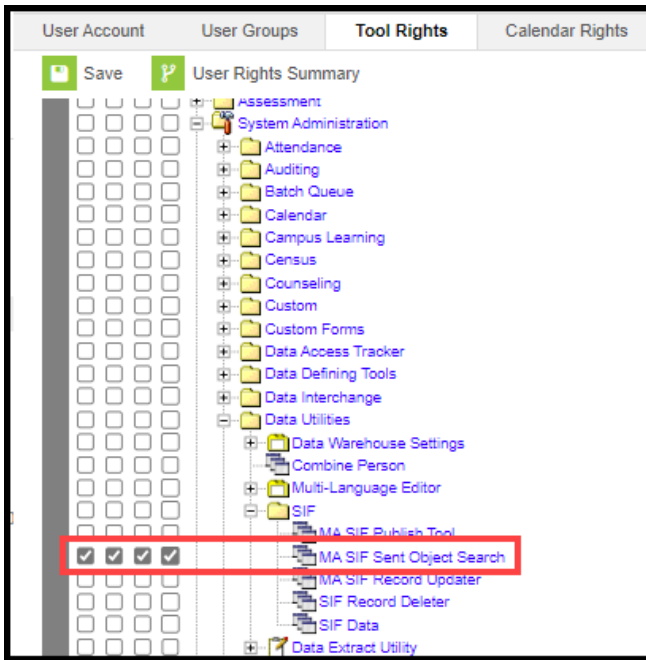
Image 2: MA SIF Sent Object Search

Searching Sent SIF Objects

When searching sent SIF object records, consider filtering data to better audit and investigate sent data.
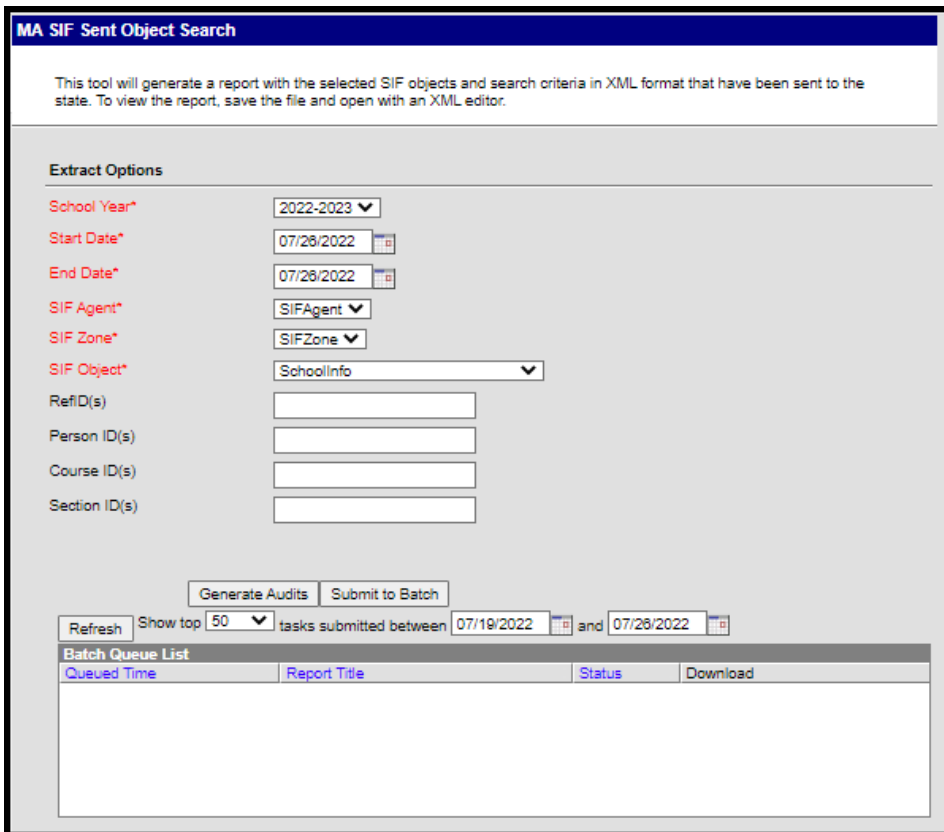
To Search

1. Select the **School Year**.
2. Enter a **Start Date**. This is first day in the reported date range.
3. Enter an **End Date**. This is the last day in the reported date range.
4. Select the **SIF Agent**.
5. Select the **SIF Zone**.
6. Select the **SIF Object** you wish to search.
7. To search for a specific record(s), use one of the following options:
   - **RefID(s)** - Find a specific record(s) based on the refID(s).
   - **PersonID(s)** - Find a specific record(s) based on the PersonID(s).
   - **CourseID(s)** - Find a specific record(s) based on the CourseID(s).
   - **SectionID(s)** - Find a specific record(s) based on the SectionID(s).
8. Decide how the report should be generated:
   - **Generate Audits** - Selecting this option processes the report immediately. Once completed, the report will prompt you with the option to save the XML file of the report.
   - **Submit to Batch** - This option allows you to schedule when the report will be processed. Submitting to batch allows the report to generate in the background, allowing you to continue working throughout Campus while it processes and prevents the report from impacting system performance. Once the report has completed processing, the user can access it via the Batch Queue tool.

> Infinite Campus recommends using the **Submit to Batch** option as results may take awhile to complete.

Opening SIF Search Result Files

You can open and view SIF Message Audit files using any XML editor such as Notepad++.

Understanding SIF Sent Object Search Results

SIF Sent Object Search results show the exact XML sent to the state per object and describe the action taken and data sent as a result of this action. In the example below, a change event occurred for the SectionMarkInfo object (Image 4).

Any errors which occurred are displayed at the bottom in red text (Image 4).

Image 4: Example of a SIF Sent Object Search Result with Error