Core SIF - Authentication

Last Modified on 10/21/2024 8:21 am CDT

Tool Search: SIF

> The current version of SIF is v2.7.

The Authentication object allows a system that stores usernames and/or passwords to share them with other applications through SIF. The provider of the Authentication object may only support providing a username or a password, or it may support both.

The Authentication object is also able to transmit a user's network identity through SIF. If the user has an account in a network directory system that supports LDAP, the user's distinguishedName or username is shared to uniquely identify the user to applications that support LDAP or native network authentication options.

SIF_Events are reported for this object.

Batch SIF_Condition elements:

1. @RefId
2. @SIF_RefId
3. @SIF_RefObject

Object Triggering

Event Type	Requirement
Add	When username is created.
Change	When username is changed.
Delete	When username is deleted.

Object Population and Business Rules

Requirement
The SIF Agent and Zone must have access rights assigned to Authentication.
The district must belong to the same calendar and year assigned to the SIF Zone in order to populate.
Selecting or de-selecting the State Exclude on Enrollment OR No Show on Enrollment will not send Deletes or Adds.

Object Data Elements

Data Element Label	Description	Business Rules	Data Source GUI Path	Database Field
@RefId	The SIF RefId that uniquely identifies this authentication object.			

Data Element Label	Description	Business Rules	Data Source GUI Path	Database Field
@SIF_RefId	The SIF RefId of a student or staff member			

@SIF_RefObject	The type of SIF object that the SIF_RefId attribute identifies.	1. Reports StudentPersonal if Student
		  1. A student with an enrollment and a user account
		2. Reports StaffPersonal if Staff
		  1. A staff member who has a district assignment record with a user account
		3. Reports StudentContact if Student's Contact
		  1. A contact for a student with a user account. Contact must have a relationship with student and no enrollment.
			Census > People > Demographics
			
			Student Information> General> Enrollments
			
			Staff > District Assignment
			
			Census> People> Relationships>
				person.studentNumber
				Person.staffNumber

AuthenticationInfo	The authentication information for one system.			
AuthenticationInfo/System	An identifying string for the system that supports this authentication information.			
AuthenticationInfo/System/@Type	Specific type of user identification.	Reports "Infinite Campus"		

Data Element Label	Description	Business Rules	Data Source GUI Path	Database Field
AuthenticationInfo/Username	The identification string for this user.	Reports from Username	System Administration> User Security> Users	
AuthenticationInfo/DistinguishedName	This is the distinguished name of the user in a network directory system.	Optional. Does not report.		
AuthenticationInfo/PasswordList	Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	Do not send.		