

# Authentication - SIF Unity

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## Summary

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.

SIF\_Events are reported for this object.

v4.3- <http://specification.sifassociation.org/Implementation/NA/4.3/InfrastructureWorkingGroup.html#3101Authentication>

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## Batch Condition

1. Existing SIF\_Condition elements to support:
    - a. @RefId
    - b. @SIF\_RefId
    - c. @SIF\_RefObject
    - d. Authentication.Username
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### Object Triggering Logic

Action	Business Rule(s)
Add	When username is created
Change	When username is changed
Delete	When username is deleted

Error loading the extension!

### Object Population and Business Rules

#	Requirement
R1	The SIF Configuration must have access rights assigned to Authentication.
R2	The district must belong to the same calendar and year assigned to the SIF Zone in order to populate.
R3	Selecting or de-selecting the State Exclude on Enrollment OR No Show on Enrollment will not send Deletes or Adds

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### Object Data Elements Logic

**i** The Mandatory (M)/ Conditional (C)/ Optional (O) column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	M/ C/ O	Data Source GUI Path	Database Field
1	@RefId	<i>The SIF RefId that uniquely identifies this authentication object.</i>	M		
2	@SIF_RefId	<i>The SIF RefId of a student or staff member</i>	M		
3	@SIF_RefObject	<i>The type of SIF object that the SIF_RefId attribute identifies.</i> <hr/> 1. Reports StudentPersonal if Student a. A student with an enrollment and a user account 2. Reports StaffPersonal if Staff a. A staff member who has a district assignment record with a user account 3. Reports StudentContact if Student's Contact a. A contact for a student with a user account. Contact must have a relationship with student and no enrollment.	M	Census > People > Demographics  Student Information > General > Enrollments  Staff > District Assignment  Census > People > Relationships >	person.studentNumber Person.staffNumber
4	AuthenticationInfo (List)	<i>The authentication information for one system.</i>	M		
5	AuthenticationInfo/ System	<i>An identifying string for the system that supports this authentication information.</i>	M		
6	AuthenticationInfo/ System/ @Type	<i>Specific type of user identification.</i> <hr/> Reports "Infinite Campus"	M		
7	AuthenticationInfo/ Username	<i>The identification string for this user.</i> <hr/> Reports from Username	O	System Administration > User Security > Users	
8	AuthenticationInfo/ DistinguishedName	<i>Optional. Does not report.</i>			
9	AuthenticationInfo/ PasswordList	<i>Optional. Does not report.</i>			
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