Product Security Roles in a Multi-Product or Premium Product Environment

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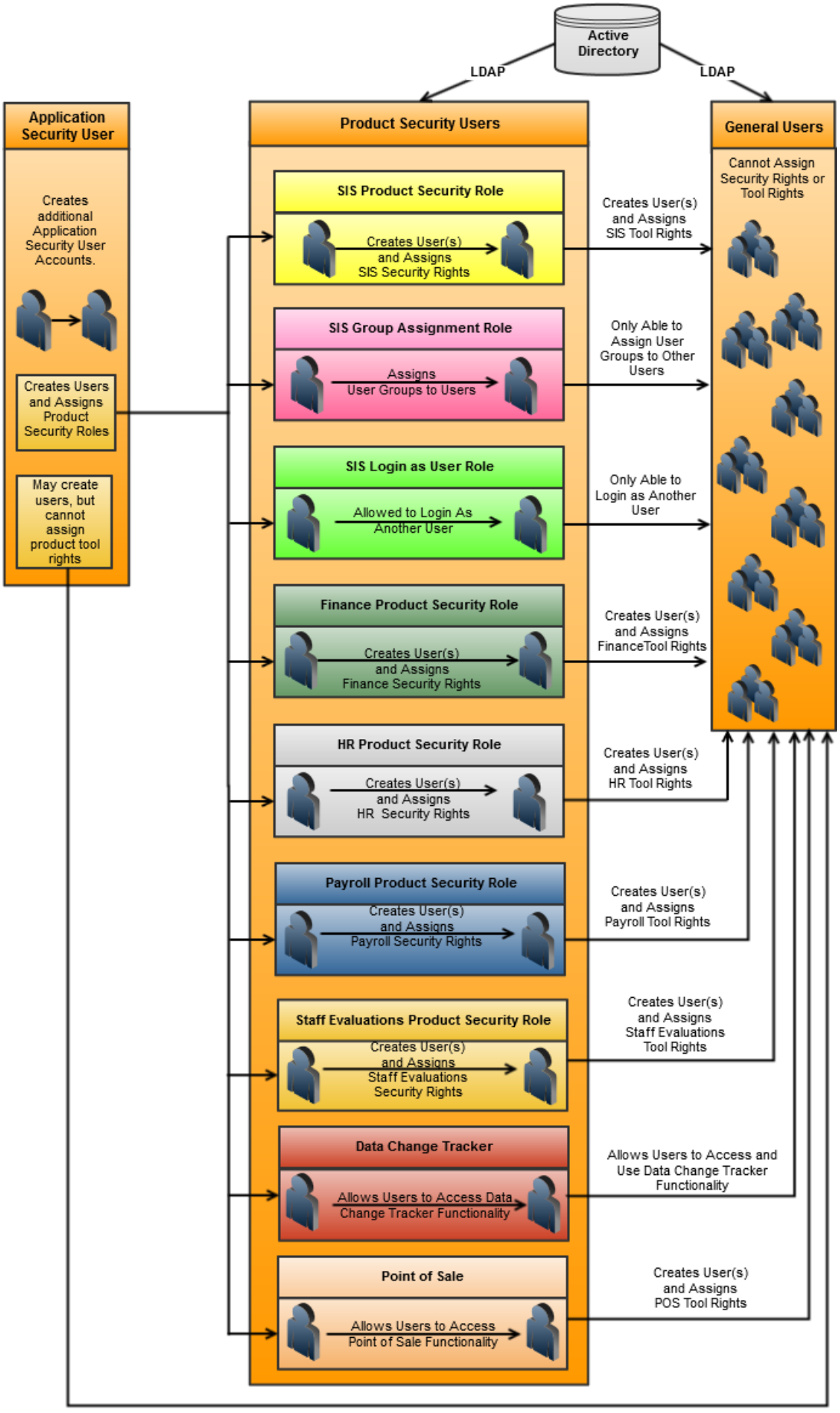
This article describes how security roles function within a multi-product or premium product environment and includes the following topics:

- Application Security User (Multi-Product Environments Only)
- Product Security Role Assignments
- Student Information System Product Security Role
- Login As User Feature
- Allowing Non-Product Security Users to Assign User Groups to Other Users
- Allowing Non-Product Security Users to Login as Other Users
- Auditing Which Users Are Assigned Product Security Roles

The following diagram illustrates the user's ability to create and delegate security rights/roles.

> There is a distinct difference between single and multi-product environments. The following diagram illustrates Application Security Roles when Premium Products are added to Campus.


Active Directory
LDAP
LDAP
Application Security User
Creates additional Application Security User Accounts.
Creates Users and Assigns Product Security Roles
May create users, but cannot assign product tool rights
Product Security Users
SIS Product Security Role
Creates User(s) and Assigns SIS Security Rights
SIS Group Assignment Role
Assigns User Groups to Users
SIS Login as User Role
Allowed to Login As Another User
Finance Product Security Role
Creates User(s) and Assigns Finance Security Rights
HR Product Security Role
Creates User(s) and Assigns HR Security Rights
Payroll Product Security Role
Creates User(s) and Assigns Payroll Security Rights
Staff Evaluations Product Security Role
Creates User(s) and Assigns Staff Evaluations Security Rights
Data Change Tracker
Allows Users to Access Data Change Tracker Functionality
Point of Sale
Allows Users to Access Point of Sale Functionality
General Users
Cannot Assign Security Rights or Tool Rights
Creates User(s) and Assigns SIS Tool Rights
Only Able to Assign User Groups to Other Users
Only Able to Login as Another User
Creates User(s) and Assigns FinanceTool Rights
Creates User(s) and Assigns HR Tool Rights
Creates User(s) and Assigns Payroll Tool Rights
Creates User(s) and Assigns Staff Evaluations Tool Rights
Allows Users to Access and Use Data Change Tracker Functionality
Creates User(s) and Assigns POS Tool Rights

You may choose to have a single Product Security user or multiple Product Security users. If you have questions about what configuration is right for you or other questions about best practices, contact Infinite Campus.

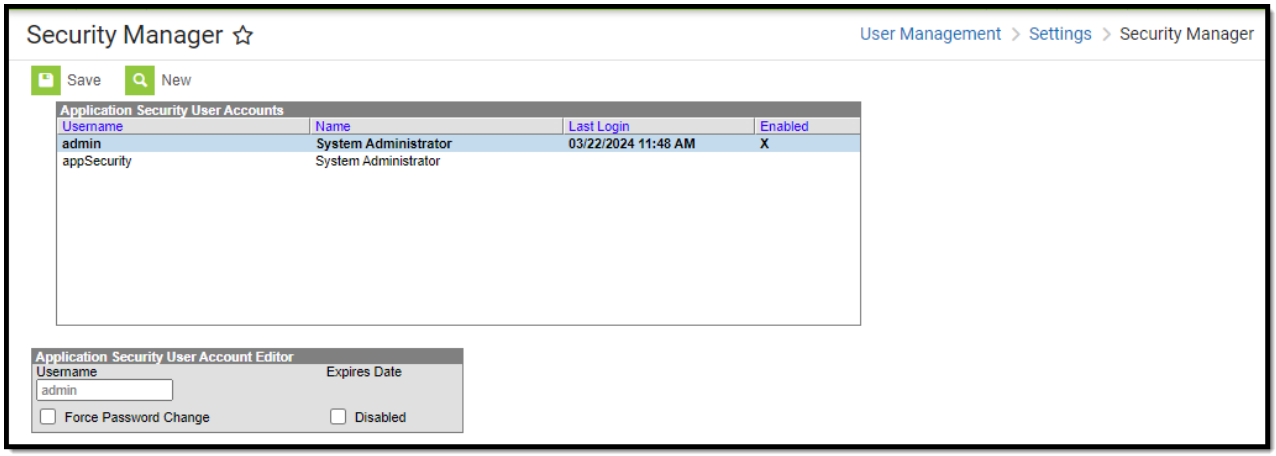
Application Security User (Multi-Product Environments Only)

The Application Security user assigns Product Security Role Assignments to other users and may create additional Application Security users. The Application Security user can access tools to delegate security administration rights to users with Product Security roles.

Application Security User Accounts cannot be bound to a local Active Directory via LDAP because usernames must be unique for each person, and the primary account for the person tied to the Application Security User Account should be the LDAP-enabled account.

The Application Security Role is only required if your district uses Point of Sale, Human Resources, Payroll, or Finance.

For more complete instructions on how to use the Security Manager Tool, see the Application Security article.



Product Security Role Assignments

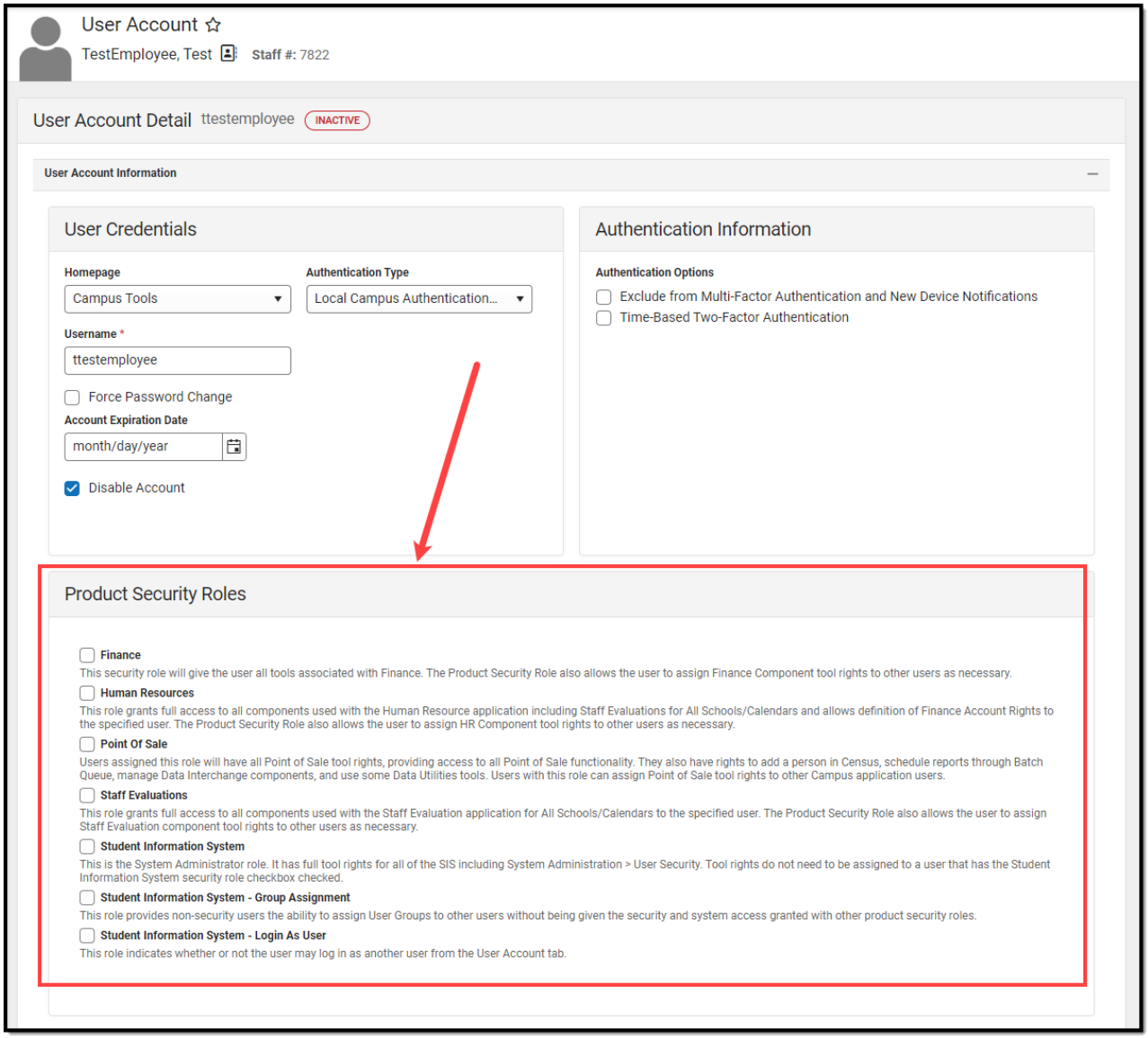
Product Security Roles determine whether a user may assign Tool Rights to other Campus Application users. Product Security Roles are assigned to users on each person's User Account tool. The Product Security Role Assignments section will appear when Campus Application is selected from the **Homepage** dropdown list. Users assigned the Product Security Role automatically inherit all tool rights associated with the specific product.

Campus automatically assigns users with a Product Security Role calendar rights of **All Calendars/All Schools with Data Modification Rights** regardless of calendar rights assigned on the User Account.

Users with a **Student Information System** Product Security role are allowed to log in as a user with a **Student Information System - Login as User** Product Security Role but once they have logged in as that user, they cannot use that user account to then log into another Campus user account via the Login as User button on the User Account tool.

The following Product Security Roles are available in multi-product environments:

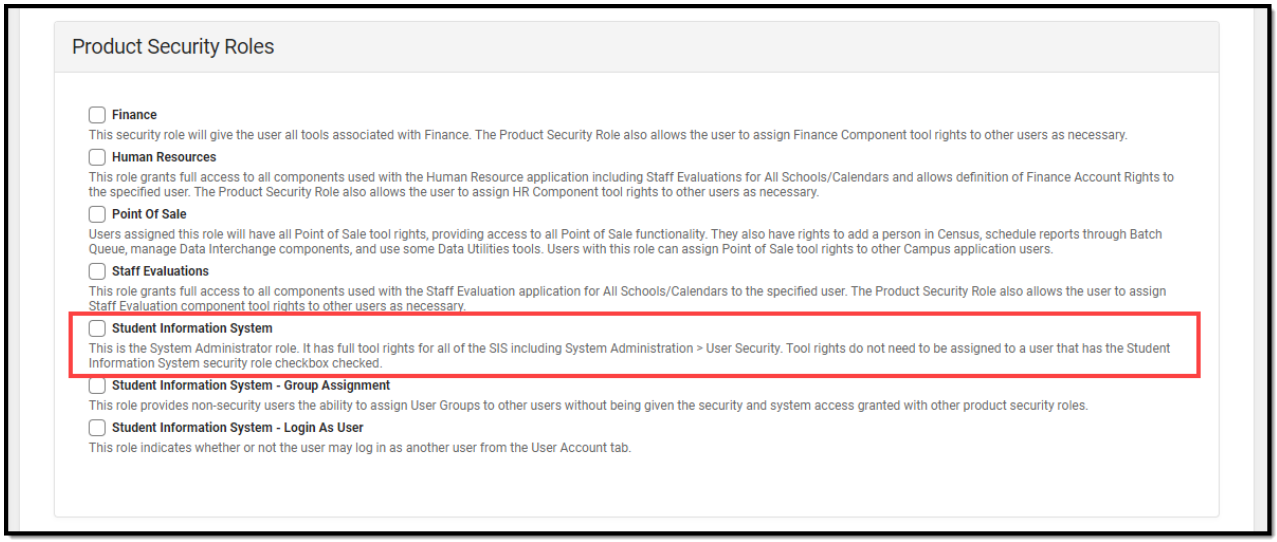
- Finance
- Human Resources
- Payroll
- Point of Sale
- Staff Evaluation
- Data Change Tracker
- Student Information System
- Student Information System - Group Assignment
- Student Information System - Login as User



Student Information System Product Security Role

The **Student Information System** product security role grants administrative rights to ALL non-finance tools within Infinite Campus. This role should only be given to system administrators within the district.

This role does not grant a person rights to Human Resources, Finance, Payroll, or Staff Evaluation tools. These tools must be granted via their respective product security roles or tool rights.



Login As User Feature

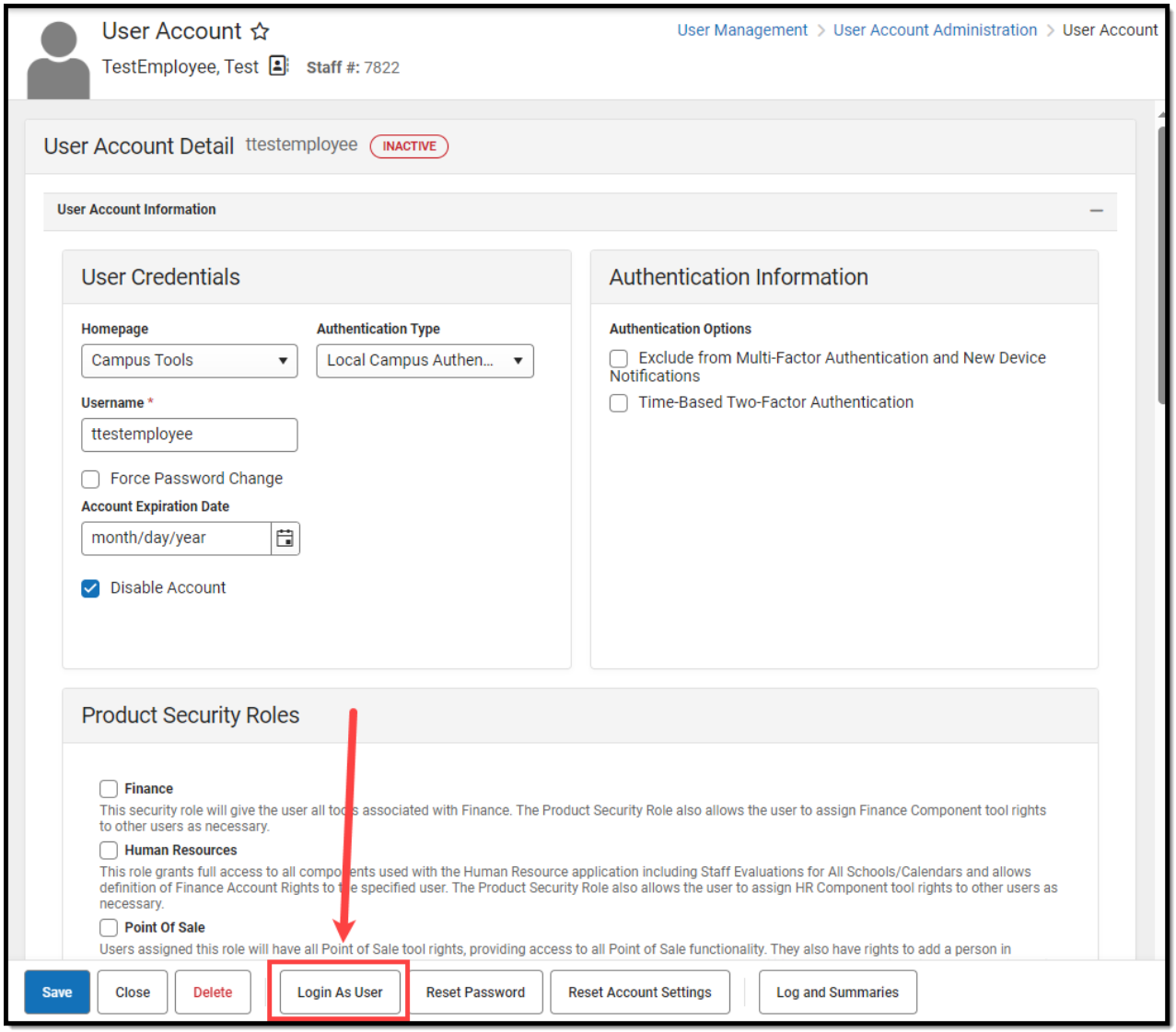
The **Login As User** button only appears for users with equivalent or greater tool rights than the user they want to log in to, and it is only available with the Product Security role. When logging in as another user, users cannot gain access to tools for which they currently do not have tool rights.

This feature is unavailable for users only assigned the **Student Information System - Group Assignment** role.

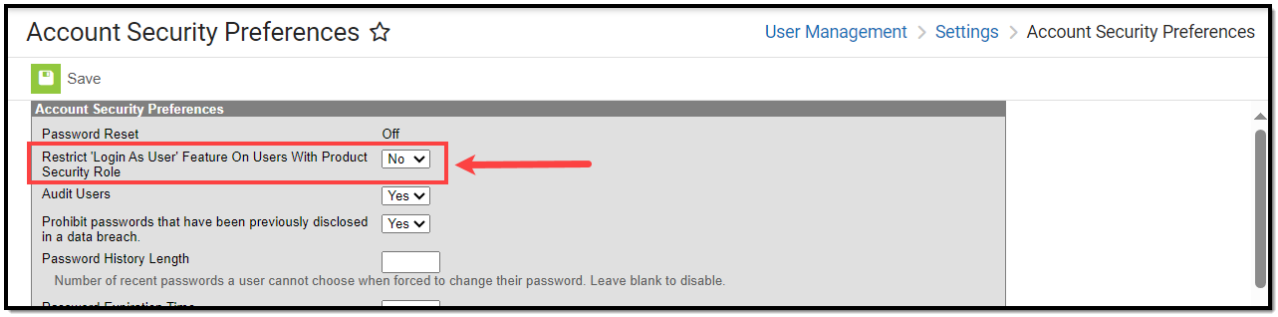
See the Allowing Non-Product Security Users to Log In as Other Users section below for more information on how this feature functions for users only assigned the **Student Information System - Login as User** role.

The **Student Information System - Login As User** role is prohibited from logging in as another user with the **Student Information System - Login As User** role. Users assigned this role are only allowed to log in as another user once per Campus session. This behavior was put in place to ensure users do not jump from one user account to another.

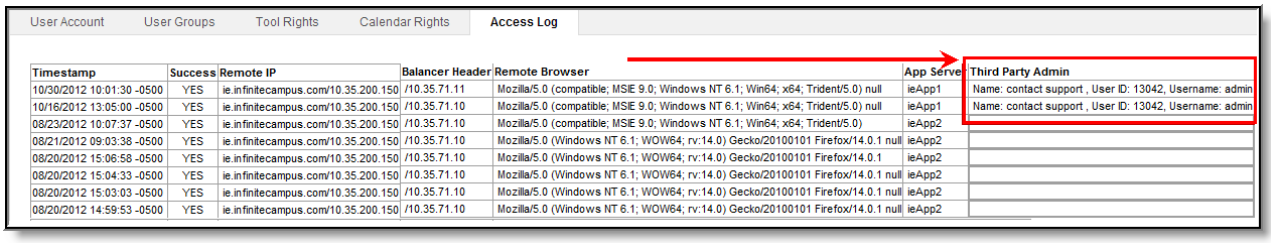
The Administrator selecting this button MUST have calendar rights for the school listed on the other user's (person being logged into) District Assignment page.



A system preference called **Restrict Login As User Feature On Users With Product Security Role** controls whether Product Security users may log in as another user with a Product Security role. This preference is found within the Account Security Preferences tool. The default value for this preference is **No** which allows Product Security roles to log in as each other.

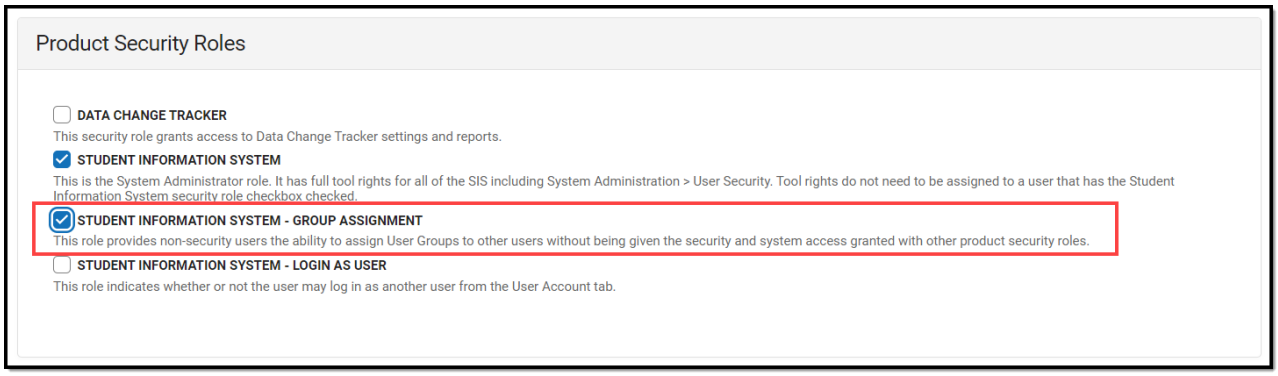


The system stores every Infinite Campus login on the user's Access Log. The **Third Party Admin** column indicates that another user has used the **Login As User** button to log into Campus as this user. This column reports the other user's name, user ID, and username.

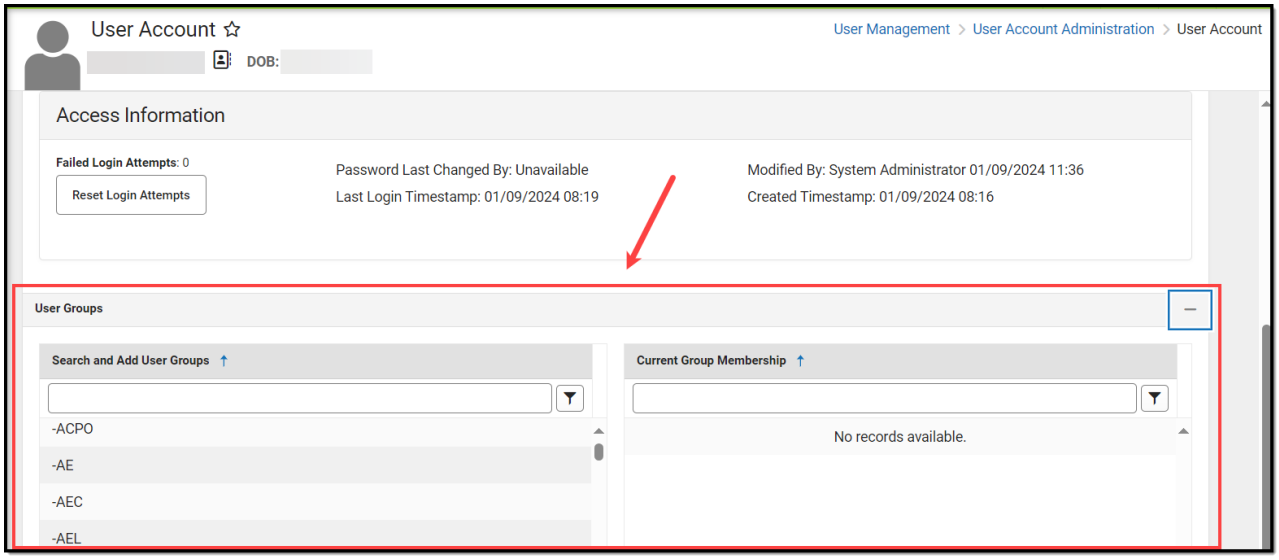


Allowing Non-Product Security Users to Assign User Groups to Other Users

The **Student Information System - Group Assignment** security role allows non-security users to assign User Groups to other users without being given the security and system access granted with other product security roles.



Users assigned this role are allowed to work within Infinite Campus to the extent of their tool rights and are only allowed to modify User Groups. These users cannot view or modify their own tool rights or the tool rights of other users.

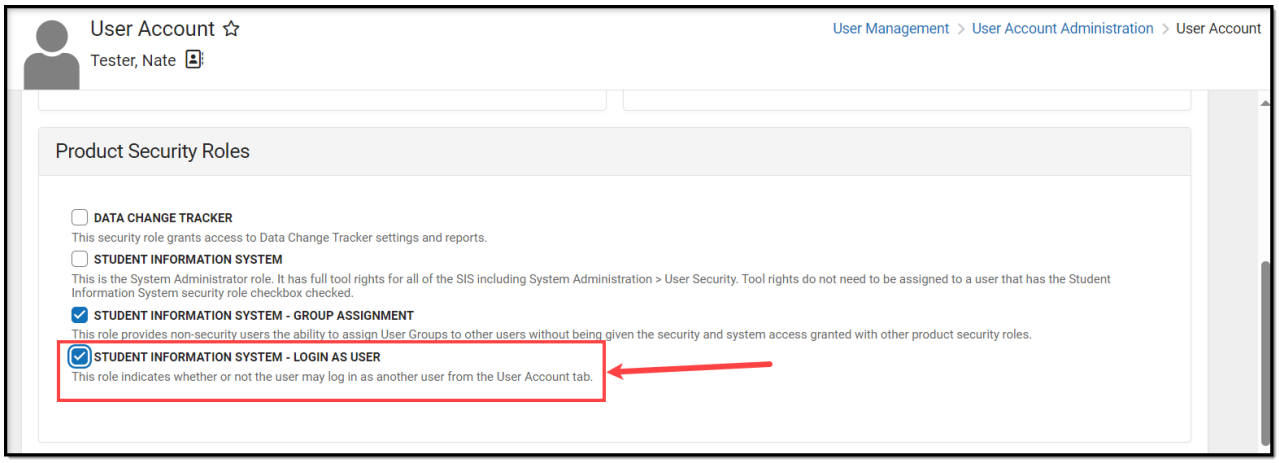


Allowing Non-Product Security Users to Login as Other Users

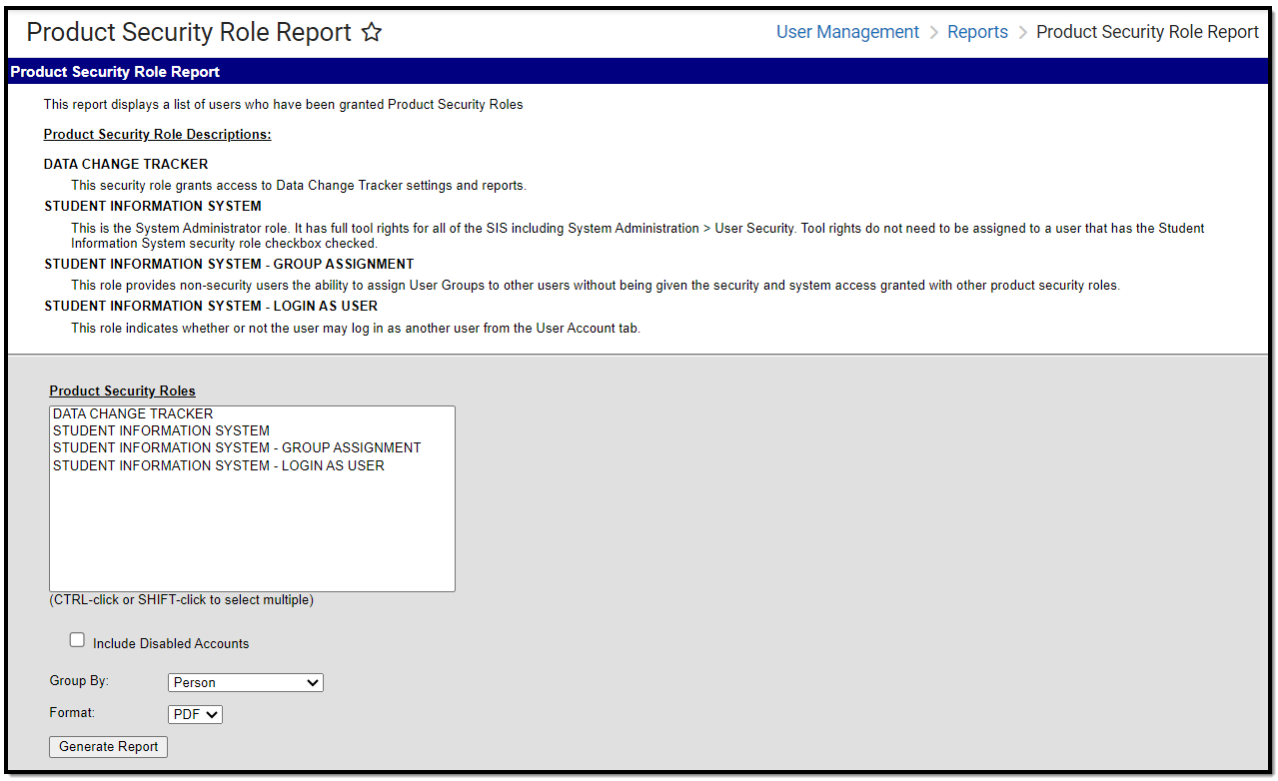
The **Student Information System - Login as User** security role allows users to access the Login as User feature on the User Account tool without having the security and system access granted with other product security roles. Users assigned this role can work within Campus to the extent of their tool rights and can only log in as other users with equal to or less than tool rights.

Users must have at least **Read** tool rights to the User Account tool to properly log in as other users.

The **Student Information System - Login As User** role is prohibited from logging in as another user with the **Student Information System - Login As User** role. Users assigned this role are only allowed to log in as another user once per Campus session. This behavior was put in place to ensure users do not jump from one user account to another.



Users assigned this role can log in as another user but cannot see the other user's tool rights for rights they themselves do not possess. These users can only view or change passwords and usernames of other users if they have **W**(rite) tool rights to the User Account tool. **Read** tool rights prohibit this role from modifying user account data. This role also prevents users from being able to modify their own tool rights.

Auditing Which Users Are Assigned Product Security Roles

The Product Security Role Report allows you to generate a list of all users (active and disabled) who are assigned specific Product Security Roles.