

# Product Security Roles in a Single-Product Environment

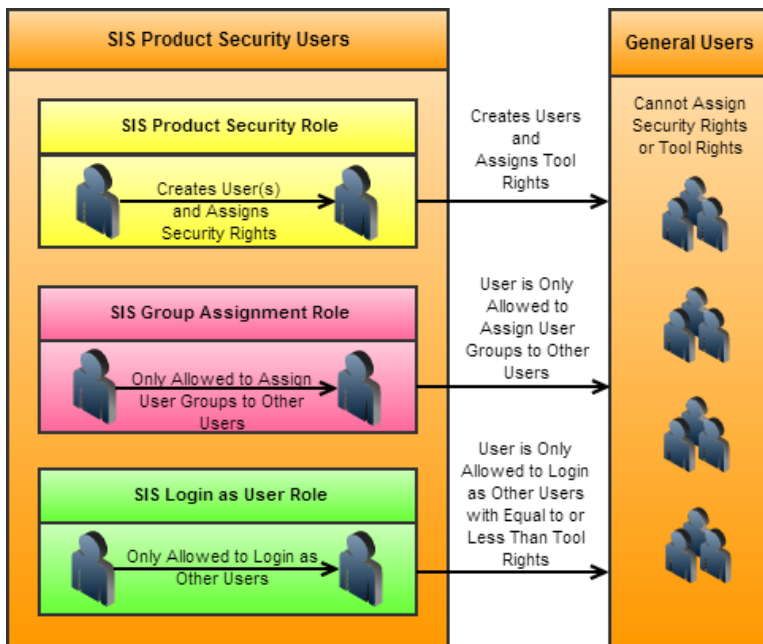
Last Modified on 04/03/2024 11:57 am CDT

This article describes how security roles function within an Infinite Campus-only environment and includes the following topics:

- [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 Log In as Other Users](#)
- [Montana Edition](#)
- [Auditing Which Users Are Assigned Product Security Roles](#)

The following diagram illustrates the user's ability to create and delegate Product Security roles.

There is a distinct difference between single and multi-product environments. The following diagram illustrates the process for users with Campus SIS only.



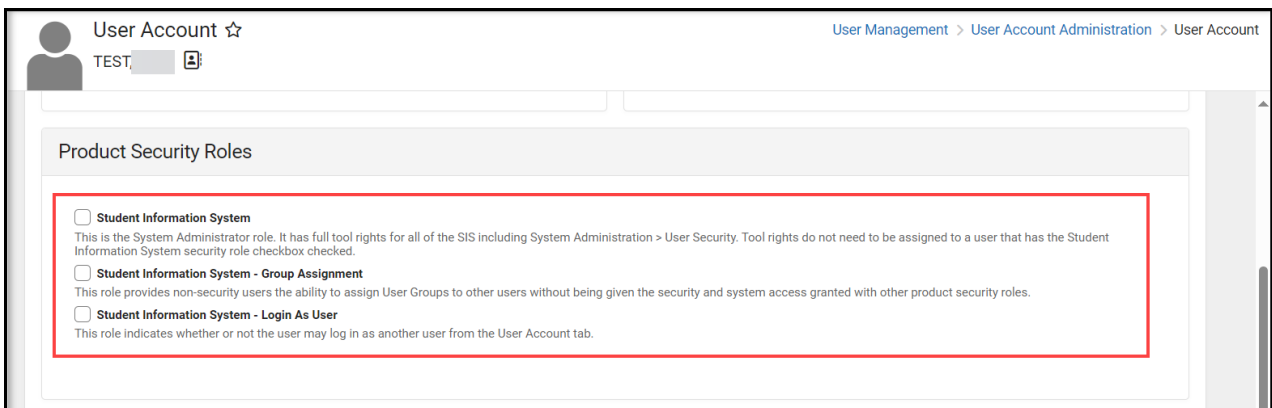
You may choose to have a single Product Security user or multiple Product Security users. If you have questions about what configuration is right for you or other questions about best practices please contact Infinite Campus.

# 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](#). The Product Security Role Assignments section displays when **Campus Application** is selected in 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 in their 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.



## 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.

## Product Security Roles

**Student Information System**

This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.

**Student Information System - Group Assignment**

This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.

**Student Information System - Login As User**

This role indicates whether or not the user may log in as another user from the User Account tab.

Users MUST be assigned the Student Information System product security role in order to create User Groups and access most of the User Management. The table below shows how access to User Management tools differs between the SIS product security role and a user with only tool rights.

### SIS Product Security Role

User Account Administration	User Groups	Reports	Settings
User Account	Add User Group	Ad Hoc Runtime Security Report	Account Security Preferences
User Account Batch Import Tool	User Group Information	Audit Log	E-Signature
User Account Batch Wizard	Calendar Rights	Client Statistics	LDAP Certificate Management
User Account Letter Builder	Membership Summary	Product Security Role Report	LDAP Configuration
User Account Letter Designer	Tool Rights	Tool & Calendar Right Access	Login Page Preferences
User Account Messenger		User Account Automation Log	Login Security Settings
User Account Messenger Scheduler		User Group Report	Password Reset Configuration
User Account Type Wizard			SAML - SSO Service Provider Configuration
User Session Manager			Support Contact Information

### User with All Tool Rights (but no SIS Product Security Role)

# Login As User Feature

The **Login As User** button only appears for users who have equivalent or greater tool rights than the user they want to log in as and 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 not available 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 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.

User Account ☆ User Management > User Account Administration > User Account

TestEmployee, Test [ID] Staff #: 7822

User Account Detail ttestemployee INACTIVE

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**User Account Information**

**User Credentials**

Homepage: Campus Tools

Authentication Type: Local Campus Authen...

Username: ttestemployee

Force Password Change

Account Expiration Date: month/day/year

Disable Account

**Authentication Information**

Authentication Options

Exclude from Multi-Factor Authentication and New Device Notifications

Time-Based Two-Factor Authentication

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**Product Security Roles**

Finance  
This security role will give the user all tools associated with Finance. The Product Security Role also allows the user to assign Finance Component tool rights to other users as necessary.

Human Resources  
This role grants full access to all components used with the Human Resource application including Staff Evaluations for All Schools/Calendars and allows definition of Finance Account Rights to the specified user. The Product Security Role also allows the user to assign HR Component tool rights to other users as necessary.

Point Of Sale  
Users assigned this role will have all Point of Sale tool rights, providing access to all Point of Sale functionality. They also have rights to add a person in

Login As User Reset Password Reset Account Settings Log and Summaries

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 on as each other.

Account Security Preferences ☆ User Management > Settings > Account Security Preferences

Save

**Account Security Preferences**

Password Reset: Off

Restrict 'Login As User' Feature On Users With Product Security Role No

Audit Users: Yes

Prohibit passwords that have been previously disclosed in a data breach: Yes

Password History Length:

Remember Favorite Times:

Every Campus login is stored by the system 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.

Timestamp	Success	Remote IP	Balancer Header	Remote Browser	App Server	Third Party Admin
10/30/2012 10:01:30 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.11	Mozilla/5.0 (compatible; MSE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0) null	ieApp1	Name: contact support , User ID: 13042, Username: admin
10/16/2012 13:05:00 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (compatible; MSE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0) null	ieApp1	Name: contact support , User ID: 13042, Username: admin
08/23/2012 10:07:37 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (compatible; MSE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0)	ieApp2	
08/21/2012 09:03:38 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 15:06:58 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1	ieApp2	
08/20/2012 15:04:33 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 15:03:03 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 14:59:53 -0500	YES	ie.infnitecampus.com/10.35.200.150	/10.35.71.10	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	

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

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

Product Security Roles

- DATA CHANGE TRACKER**  
This security role grants access to Data Change Tracker settings and reports.
- STUDENT INFORMATION SYSTEM**  
This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.
- STUDENT INFORMATION SYSTEM - GROUP ASSIGNMENT**  
This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.
- STUDENT INFORMATION SYSTEM - LOGIN AS USER**  
This role indicates whether or not the user may log in as another user from the User Account tab.

Users assigned this role are allowed to work within Campus to the extent of their tool rights and are only allowed access to the User Groups tab within User Security. These users cannot view or modify their own tool rights nor the tool rights of other users.

User Account ☆

DOB: [REDACTED]

User Management > User Account Administration > User Account

**Access Information**

<p>Failed Login Attempts: 0</p> <p><a href="#">Reset Login Attempts</a></p>	<p>Password Last Changed By: Unavailable</p> <p>Last Login Timestamp: 01/09/2024 08:19</p>	<p>Modified By: System Administrator 01/09/2024 11:36</p> <p>Created Timestamp: 01/09/2024 08:16</p>
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**User Groups**

Search and Add User Groups ↑

- ACPO
- AE
- AEC
- AEL

Current Group Membership ↑

No records available.

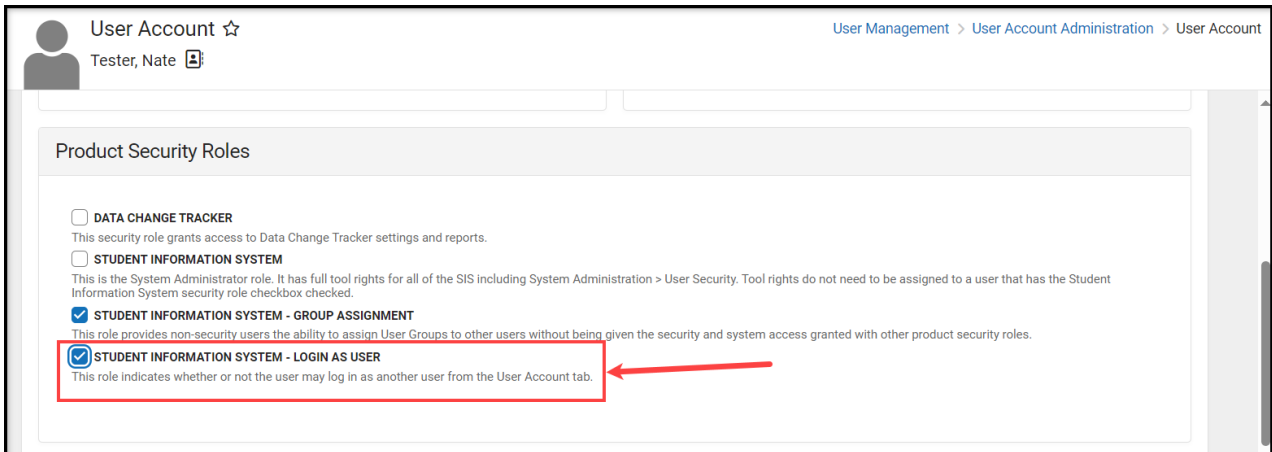
# Allowing Non-Product Security Users to Log In as Other Users

The **Student Information System - Login as User** security role allows users to access the Login

as User feature on the [User Account](#) without having 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 can only log in as other users who have equal to or less than tool rights.

Users must have at least **R(ead)** tool rights to the User Account tab in order to properly login 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 Infinite 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 also only view or change passwords and usernames of other users if they have **Write** tool rights to the [User Account](#). **Read** tool rights prohibits this role from modifying user account data. This role also prevents users from being able to modify their own tool rights.

## Montana Edition

Users within a Montana Edition of Infinite Campus can be assigned the Montana Edition Product Security role. This role gives users full tool rights for all of the SIS including User Security tools. Users with this role can create and assign security rights, create and assign user groups to other users, and log in as users with equal to or less than tool rights (via User Account).

## Product Security Roles

**Montana Edition**

This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.

**Student Information System**

This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.

**Student Information System - Group Assignment**

This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.

**Student Information System - Login As User**

This role indicates whether or not the user may log in as another user from the User Account tab.

# 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.

## Product Security Role Report ☆

[User Management](#) > [Reports](#) > Product Security Role Report

### Product Security Role Report

This report displays a list of users who have been granted Product Security Roles

Product Security Role Descriptions:

**DATA CHANGE TRACKER**

This security role grants access to Data Change Tracker settings and reports.

**STUDENT INFORMATION SYSTEM**

This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.

**STUDENT INFORMATION SYSTEM - GROUP ASSIGNMENT**

This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.

**STUDENT INFORMATION SYSTEM - LOGIN AS USER**

This role indicates whether or not the user may log in as another user from the User Account tab.

Product Security Roles

DATA CHANGE TRACKER  
 STUDENT INFORMATION SYSTEM  
 STUDENT INFORMATION SYSTEM - GROUP ASSIGNMENT  
 STUDENT INFORMATION SYSTEM - LOGIN AS USER

(CTRL-click or SHIFT-click to select multiple)

Include Disabled Accounts

Group By:

Format: