

#### **User Account**

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Tool Search: User Account

A person's user account controls all aspects of their tool, calendar, and Infinite Campus access. A person can exist within Infinite Campus without a user account, but they cannot log into Infinite Campus or the Student/Parent Portals and access functionality without a user account established.

The article will walk you through the following aspects of setting up and managing a user account:

- Create a User Account for a Person
- Authentication Information
- Product Security Roles
- Access Information
- User Groups
- Individual Tool Rights
  - Understand Tool Rights Access Levels
  - Campus Instruction Tool Rights
  - Identifying Sub-Rights
  - Example of Tool Rights
  - Privacy Law Compliance
- Individual Calendar Rights
  - Calendar Rights Scenarios
- Login as User
- Reset Password
- Reset Account Settings
- Log and Summaries
- Identifying a Person's Campus Portal Username
- Best Practice for Users Who Are Staff and Parents
- Related Tools

Users are highly advised to create user accounts for students and staff en masse via the User Account Batch Wizard.

Only users with a Product Security Role can assign tool rights, calendar rights, and user groups. If you cannot see or access these areas of a user account, you do not have permission to view or change them.

#### Create a User Account for a Person

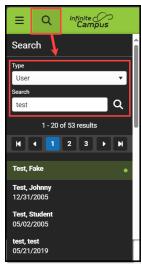


For a person to be assigned tool and calendar rights, join user groups, and have access to the SIS, Student Portal, or Parent Portal, they must first have a user account created for them.

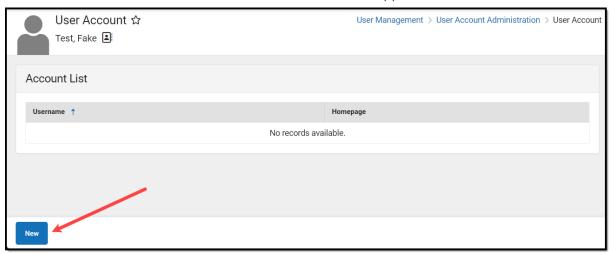
Before a user account can be created for someone, they must first exist as a person within Infinite Campus (click here for more information on adding a person to Infinite Campus).

#### To create a user account:

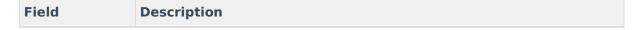
1. Search for and select the person within the User search.



2. Click the **New** button. The User Account Detail editor will appear.



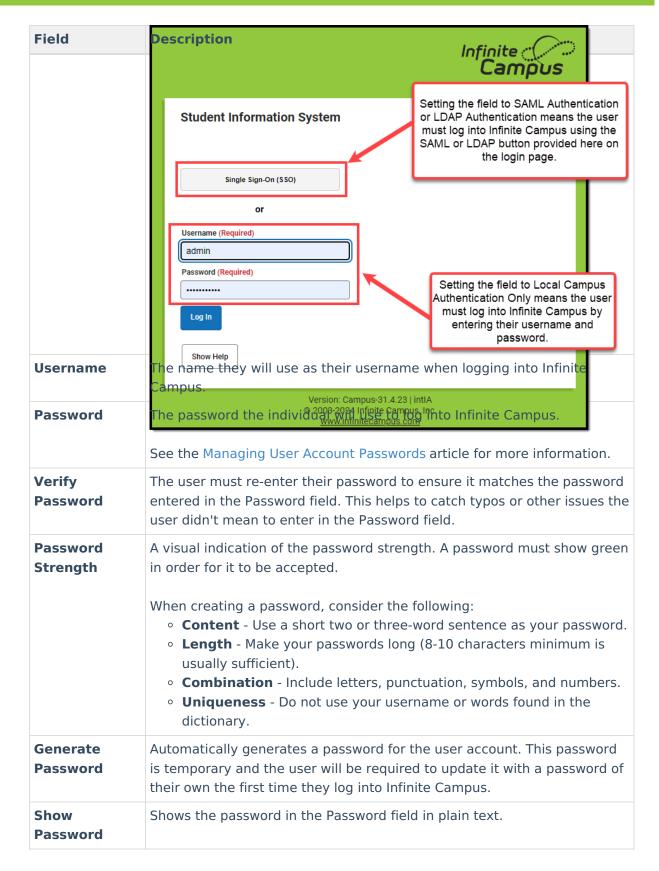
3. Use the table below to best fill out the User Credential fields:





Field	Description
Homepage	This field indicates which interface the user name and password allow access to:  • Campus Application - for district employees  • Campus Parent Portal - for parents  • Campus Instruction - for teachers and staff  • Campus Student Portal - for students (enhanced features and optimized for mobile devices and tablets)  • Public Store - for Public Store customers who are not district employees, students, or staff. Infinite Campus does not recommend manually creating this type of account. When someone creates an account on the Public Store, their name and email address are saved in Campus in the Demographics tool and Campus creates and assigns the Public Store Homepage to their user account.
Authentication Type	This field determines how the user is required to authenticate and log into Infinite Campus.  Users are forced to log in using the following:  • Their Campus ID and password (Allow Only Local Campus Authentication)  • Their SSO username and password (Allow Only SAML Authentication)  • Or their LDAP username and password (Allow Only LDAP Authentication)
	The default value in this field is set via the Authentication Type Droplist Default preference found in System Preferences.  This field is only available if SAML SSO authentication and/or LDAP is enabled for your district. Please note that when setting a User Account to "Allow Only SAML Authentication", Cafeteria Serve only authenticates with a local Campus or LDAP account and the Schedule Wizard will authenticate with an enabled account but requires a relogin to open a saved trial.  For more information about SAML SSO functionality, see the SAML Management article. For more information about LDAP, see the LDAP Authentication article.  The value set in this field determines the method the user uses to log into Infinite Campus (click the image below).





- 4. Review the following sections for more information on assigning authentication information, user groups, tool rights, etc:
  - Authentication Information
  - Product Security Roles



- Access Information
- User Groups
- Individual Tool Rights
- Individual Calendar Rights
- Once all user account values have been selected, click **Save**. The user account is now active within Infinite Campus and the user can log in and access functionality based on the permissions granted.

# **Authentication Information**

The table below explains the Authentication Information fields and how they impact a user account.

# Authentication Information Authentication Options Exclude from Multi-Factor Authentication and New Device Notifications Time-Based Two-Factor Authentication PIV

Field	Description
Exclude from Multi- Factor Authentication and new device notifications	This preference allows you to exclude individual user accounts from requiring Time-based Two two-factor authentication (when enabled) and prevents users from receiving notifications when logging in using a new device.
	This option should only be used when absolutely necessary and only applied to the least amount of accounts necessary.
	This setting is not available for user accounts set with a Homepage of Campus Parent Portal, Campus Student Portal, or School Store as it does not apply to these types of accounts.
Time-based Two- Factor Authentication	As an increased layer of protection for Infinite Campus accounts, all non-Campus Portal user accounts can be enabled with device-based two-factor authentication functionality. When enabled, users are provided a unique QR code and Text Code, which requires them to authenticate their account using a device and an authenticator application (such as Google Authenticator, Authy, LastPass, etc).
	This setting is not available for user accounts set with a Homepage



#### **Field**

**Description** Parent Portal, Campus Student Portal, or School Store as it does not apply to these types of accounts.

If you experience any issues authenticating, know that your device must be in sync with the actual time in order to authenticate.

Compare the time showing on your device to the actual time (https://www.time.gov). If the time on your device is out of sync, you can correct this in your device's Date & Time settings. In your device settings, you will likely have the option to enable your device to sync the date and time automatically.

Alternatively, if you use Google Authenticator for Android, you can also try the Time Sync

(https://support.google.com/accounts/answer/2653433) feature.

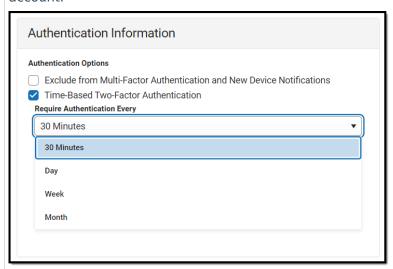
#### To enable this feature:

- 1. Mark the Time-based Two-factor Authentication checkbox
- 2. Select the frequency in which the user must use an authenticator app when logging into Infinite Campus (30 minutes, Day, Week, Month).

For example, if a user logs in using an authenticator and this field is set to 30 minutes, after 30 minutes have passed, the next time the user attempts to log into Infinite Campus they will be required to go through the authenticator process.

3. Click Save

Device-based two-factor authentication is now enabled for this user account.



Once enabled, the next time the user attempts to log into Infinite Campus they will see a screen displaying a unique QR Code and Text Code.

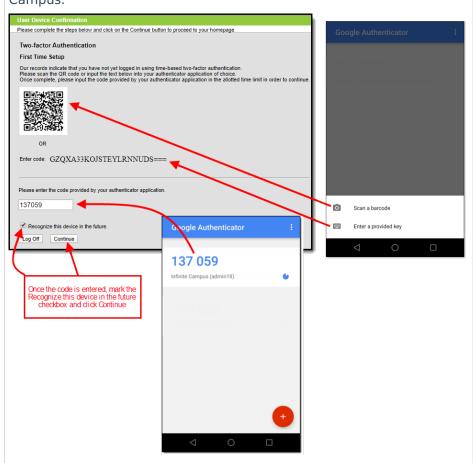


#### **Field**

#### Description

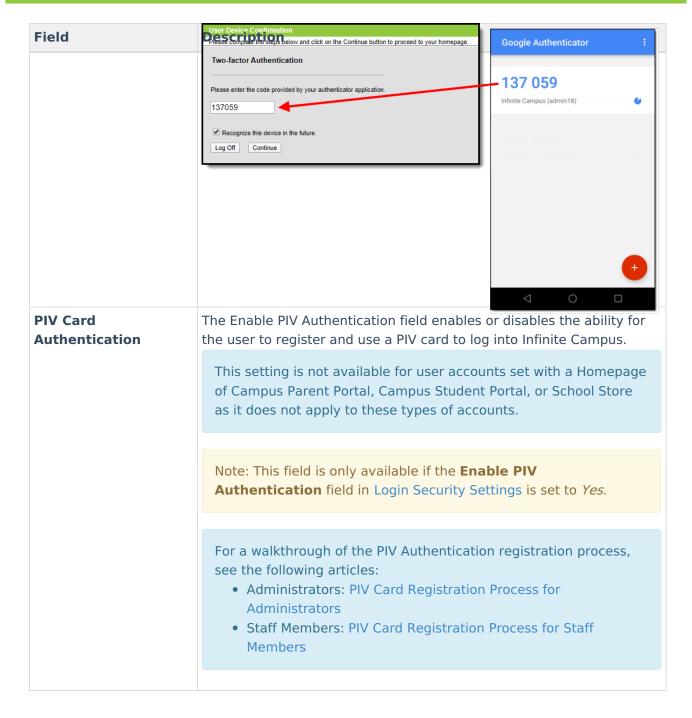
Using a device (such as a cell phone), the user must download an authenticator app (such as Google Authenticator, Authy, LastPass, etc) and use the app to scan the **QR Code** or enter the **Text Code**. This will register the device and tie it to their Campus account.

Once they have scanned the QR Code or entered the Text Code in the authenticator app, the app will display a code. Enter the code from the authenticator app into the field on the Campus login screen, mark the **Recognize this device in the future** checkbox, and click **Continue** (see image below). The user will be logged into Campus.



Based on the frequency of when they need to authenticate (30 minutes, Day, Week, Month), the user will need to access their authenticator app on their registered device and enter the code displayed in the authenticator app into the field on the Infinite Campus login screen. Users should mark the **Recognize this device in the future** checkbox and click **Continue**. If the code they entered is correct, they will be logged into Campus.





# **Product Security Roles**

Product Security Roles grant system administrative-level access to Infinite Campus and well as access to specific premium products and functionality such as the ability to login in as other users.

For a detailed explanation of each role, see the following articles.

- Single-Product Environment (Campus SIS Only)
- Multi-Product or Premium Product Environment



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.	

# **Access Information**

Access Information details failed login attempts, the last time the account password was changed, the last time the user account logged into Infinite Campus, who was the last person to modify user account data, and the date and time the user account was created.



Field	Description
Failed Login Attempts	This field indicates the number of consecutive times the user has failed to log into Infinite Campus.
	Once a user successfully logs into their account, this count goes back to 0.
Reset Login Attempts	This allows you to reset the failed login attempts count. Resetting this value also resets the need for the user to log in via Captcha (which occurs at 5 consecutive failed login attempts).
Password Last Changed By	This field indicates who the last user was to change this user's password and the exact date and time in which the password change occurred.



Field	Description
Last Login Timestamp	This field indicates the exact date and time the user last logged into Infinite Campus.
	This field is not impacted by Login as User functionality. It only registers when the user themselves log into Infinite Campus.
Modified By	This indicates the last person to modify the user's account and the date and time in which the change occurred.
Created Timestamp	This indicates when the user account was created. This date is populated by any method used to create the user account (e.g., student/staff automation, imported new user, Quartz job, etc).
	This field is also available within Ad Hoc Reporting.

# **User Groups**

User groups are an efficient and effective way to manage an individual's tool and calendar rights by assigning specific tool and calendar rights to a user group and then assigning people to the group. People assigned to a user group inherit the rights assigned to the group which greatly speeds up the process of assigning rights to each individual and provides an efficient way to modify these rights and have this change impact a large set of users.

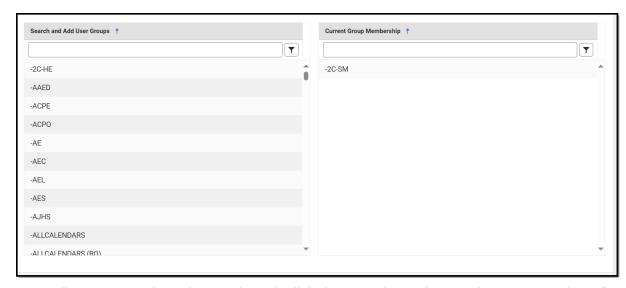
For example, creating a user group for primary teachers would allow you to easily assign this group to a new teacher user account and skip the need to go through and individually assign the account specific tool and calendar rights. Later on, if it's decided primary teachers should be able to see and access a new tool, the administrator would simply need to add tool rights to the user group and all teachers assigned to the group would be given rights to the tool.

Users working with many user groups (in the thousands) may experience some system performance slow down when searching for and adding user groups.

#### To assign the user to a user group(s):

1. Locate and select the user group within the Search and Add User Groups column on the left. You can narrow the user group list by entering search criteria within the search box. The field will continue to refine results as you enter more characters. Each user group selected will appear in the user group will appear in the Current Group Membership window.





2. Once all user groups have been selected, click the **Save** icon. The user is now a member of the selected user group(s) and has access to all of the tools assigned to said user groups.

If you are unsure of what calendar and tool rights were granted to a user via user groups, you can review a summary of a user account's calendar and tool rights in the **Log and Summaries** area.

# **Individual Tool Rights**

Tool Rights determine the level of access users have to tools throughout Infinite Campus.

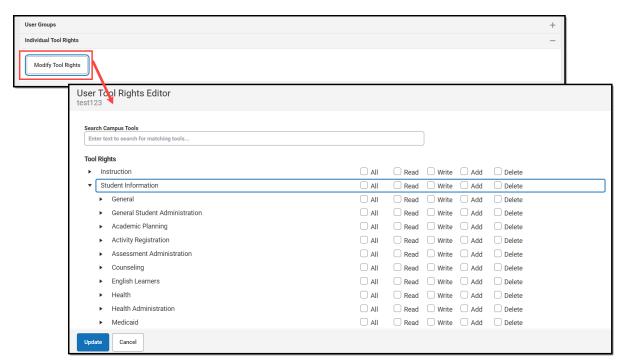
Only users assigned a Product Security Role may assign tool rights to users.

Due to the wide range of school-specific duties and policies, this article cannot make recommendations on how to assign tool rights to particular types of users. District administrators will need to determine the appropriate amount of access for each user/group based on that user/group's needs.

#### To assign tool rights:

1. Click the **Modify Tool Rights** button. The User Tool Rights Editor will appear.





- 2. Navigate to each tool you wish to grant the user rights to access and determine the level of access they should receive (Read, Write, Add, Delete). See the section below for more information about these levels of access and how they impact using Infinite Campus.
- 3. Once all tool rights have been selected, click **Update**. The user will now have access to the tools marked.

#### **Understand Tool Rights Access Levels**

This section will explain the four different access levels that can be assigned for each tool within Infinite Campus.

A partially checked indicator — has been added to the New Look of Infinite Campus, appearing in the RWAD checkboxes of tools/menu items where the user does not have tool rights to the tool/menu item but does have rights to tools or sub-rights contained within the tool/menu-item.

Expand the link below for an example of this indication.

▶ Click here to expand...

#### Read

▶ Click here to expand...

#### Write



▶ Click here to expand...

#### Add

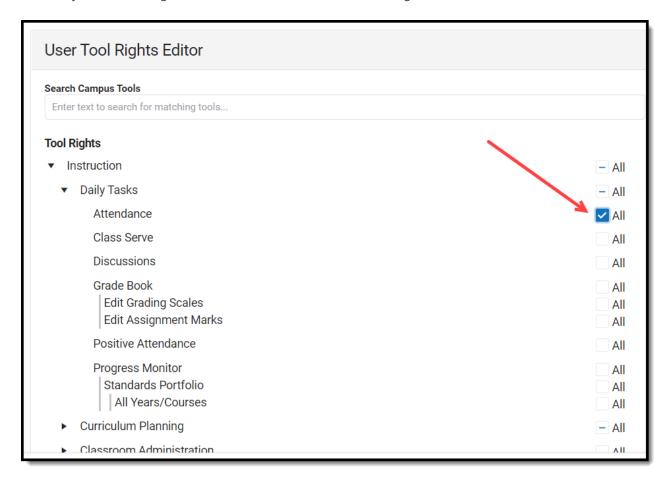
▶ Click here to expand...

#### **Delete**

▶ Click here to expand...

## **Campus Instruction Tool Rights**

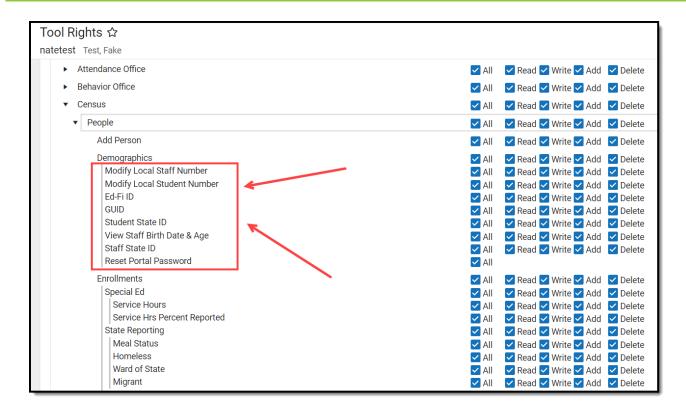
Compared to the RWAD rights structure for Campus Tools, rights to Campus Instruction are currently all or nothing. Each Instruction tool can have All rights for a tool or not.



#### **Identifying Sub-Rights**

Sub-rights are used to control specific functions or gatekeep certain data within a tool. Sub-rights are also found under the tool it applies to and have a | to the left of the sub-right, delineating it as a sub-right.





### **Example of Tool Rights**

The following are examples of how tool rights affect how users are able to view and access tools throughout Campus.

#### **Limited Tool Rights (Read Only)**

▶ Click here to expand...

#### **Full Tool Rights (RWAD)**

▶ Click here to expand...

## **Privacy Law Compliance**

To ensure that unauthorized users do not violate federal <u>FERPA</u> and HIPPA privacy laws, unauthorized users should NOT be allowed access to certain, federally protected areas in Infinite Campus.

The following fields/areas of student data are federally protected:

- FRAM > Eligibility > Eligibility
- Enrollments > State Reporting > Ward of State
- Demographics > Enrollments > State Reporting > Ward of State
- Enrollments > State Reporting > Homeless
- Enrollments > State Reporting > Migrant
- Enrollments > Special Ed > Service Hours



- Enrollments > Special Ed > Service Hrs Percent Reported
- Program Participation > English Learners (EL)
- Enrollments > Enrollment History
- Census > People > Demographics > Enrollments > Enrollment History
- Health Office > Conditions

**This is not a comprehensive list.** System Administrators should use caution and follow district guidelines for what users and user groups should be given access to Federally protected data. System Administrators must specifically deny unauthorized users and user groups access to these fields; otherwise, these users may be able to access this data when pulling Ad hoc filters.

# **Individual Calendar Rights**

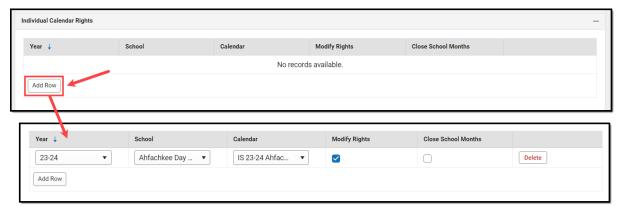
Calendar Rights determine what school(s), year(s), and calendar(s) the user has access to view and modify. Calendar rights work in tandem with Tool Rights, where Tool Rights determine which tools the user can access and Calendar Rights determine which calendars the user is allowed to view and modify via tools.

System administrators are highly encouraged to provide calendar rights to users by assigning them to an appropriate user group(s). Providing individual calendar rights is not recommended.

District system administrators should be the ONLY members with full rights to access all calendars and all tools. District system administrator rights should not be assigned on this tab.

To assign calendar rights:

1. Select the Add Row button.



2. Select the **Year**, **School**, and **Calendar** the user is allowed to access.



3. If the user should be allowed to modify data in the selected Calendar, mark the **Modify Rights** checkbox.

Assigning Modify Rights to historical calendars is not recommended.

Marking the Modify Rights checkbox means the user is allowed to modify data within the calendar (in conjunction with their assigned tool rights).

If the Modify Rights checkbox is not marked, the calendar will be read-only. This user will not be allowed to modify any data, regardless of whether or not the user has specific tool rights to modify tools.

4. If the user should be allowed to modify attendance data for closed school months, mark the **Close School Months** checkbox.

School Months are only used in some states and are assigned the System Administration > Calendar area. If your state does not use school months, this tab is not displayed in Calendar and this field should not be used.

5. Select the **Save** icon. The user is now allowed to modify data within the year, school, and calendar selected. If the user should have calendar rights to additional years, school, and/or calendars, repeat steps 1-5.

#### **Calendar Rights Scenarios**

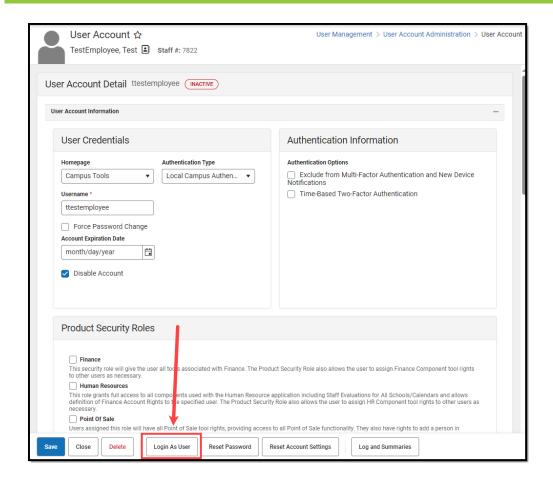
Expand the section below to view examples of different ways to set up calendar rights.

▶ Click here to expand...

# Login as User

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





Expand the link below to learn more.

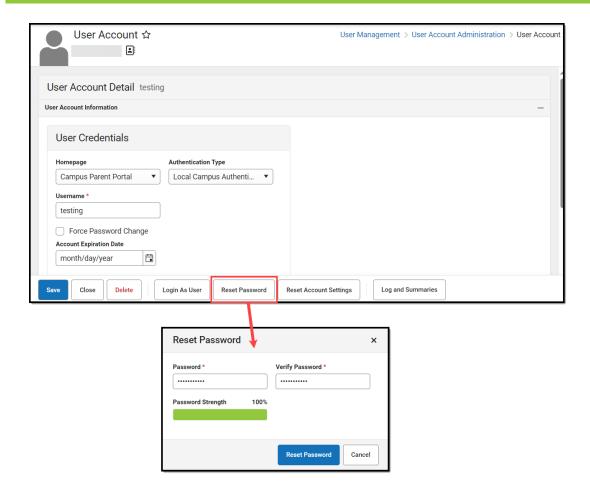
▶ Click here to expand...

## **Reset Password**

To change the user account password, select the **Reset Password** button, enter a **New Password**, and **Verify the Password**. The box beneath the first password field indicates the new password's strength with red meaning weak, yellow meaning medium, and green meaning strong. Users will not be allowed to save weak or medium passwords.

Please see the Managing User Account Passwords article for detailed information about passwords and ways to manage them within Infinite Campus.

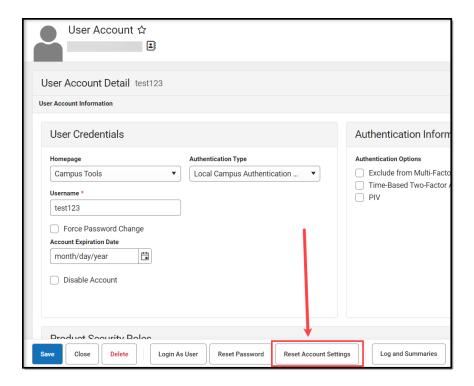




# **Reset Account Settings**

Selecting the **Reset Account Settings** button will clear all trusted devices tied to the person's account, requiring the user to re-establish each device as a trusted device when logging into Infinite Campus.





For districts using two-factor authentication, selecting this button will reset the user's two-factor authentication configuration, requiring them to establish a new trusted device and log in using an Authentication app. See the Login Security Settings article for information about two-factor authentication.

This button will also reset the user's account recovery email address, requiring them to enter a new recovery email address the first time they log into Campus after selecting this button.

This button will only appear for user accounts that have an Account Security Email address established in Infinite Campus and/or the Parent Portal.

A person's Account Security Email is used to recover a forgotten username or reset their password via the Forgot password? or Forgot username? options on the Infinite Campus login screen.

# **Log and Summaries**

The Log and Summaries area contains reports for reviewing user account access, tool rights, and calendar rights.

#### **Access Log**

▶ Click here to expand...

#### **Calendar Rights Summary**

Click here to expand...

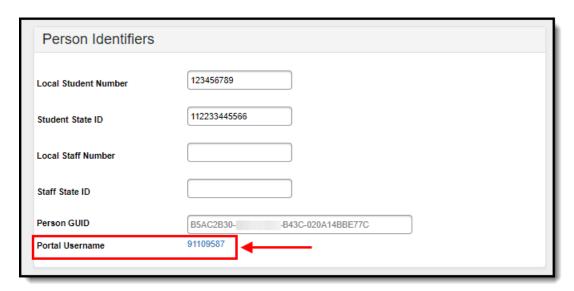


#### **Tool Rights Summary**

▶ Click here to expand...

# Identifying a Person's Campus Portal Username

You can look up a person's Campus Portal username by going to Census > Person > Demographics > Person Identifiers > Portal Username. This may help troubleshoot issues such as assisting someone who forgot their username.



# **Best Practice for Users Who Are Staff and Parents**

For a person who is both a staff member and a parent to a student(s) in the district, Infinite Campus recommends you create 2 user accounts for them. One user account serves as their staff account and has a Homepage set to Campus Application or Campus Instruction. The second user account serves as their parent account and has a Homepage set to Parent Portal.

Although this requires the person to log into Infinite Campus using two different usernames, it allows Infinite Campus to keep this data separate and ensure the user can successfully log into the proper product they are trying to access (the Campus Application or their Parent Portal).

## **Related Tools**



Tool	Description
Account Security Preferences	This tool allows you to control various functionality, such as resetting passwords, restricting the ability for Product Security Users to log in as other people, auditing users, and automatically creating/disabling student and staff accounts.
User Account Batch Wizard	This tool allows you to batch-create student and staff user accounts using the census email address or a username pattern, enable student and staff user accounts, disable student and staff user accounts, or force a password reset for student and staff user accounts.
User Account Automation Log	This tool lets you view detailed information about user account username modifications, user account creation failures, and accounts automatically disabled via preferences set in the Account Security Preferences tool.
User Group Report	This tool provides high-level and detailed information about which user groups exist, all tool rights and calendar rights assigned to each user group, and which user groups are assigned to which Staff Account Automation rules.
Product Security Role Report	The Product Security Role Report provides a list of all users who have been granted specific Product Security Roles.