

Keystone Login User Guide Version 10.0



### **Revision History**

Date	Version	Description	Author
2/7/2020	1.0	Original document	Matthew Pogacnik
4/24/2020	2.0	Removed Reset by Email as an option for Forgotten Password	Matthew Pogacnik
8/27/2020	3.0	Added One-time passcode procedures; updated forgot password subsections	Matthew Pogacnik
9/17/2020	4.0	Added step to Registration, Reset Password by Security Questions, and Editing an Account sections to inform of using an email account to reset password by OTP; added password reset time to reset password subsections	Matthew Pogacnik
9/25/2020	5.0	Added registration email verification information	Matthew Pogacnik
1/28/2022	6.0	Added Home Page and De-Migrate sections	Matthew Pogacnik
7/27/2022	7.0	Added Enhanced Security, updated Registration procedure	Matthew Pogacnik
11/17/2022	8.0	Added additional subsections under MFA. Updated Username character limitations.	Matthew Pogacnik
12/14/2022	9.0	Updated contact information to include SMS Text option and compliance messaging	Matthew Pogacnik
1/24/2023	10.0	Updated Forgot Password and MFA sections. Created Appendix for MUSER and CWOPA domain information.	Matthew Pogacnik

### **TABLE OF CONTENTS**

Home Page	3
Registration	4
Linking a Google account with Keystone Login	9
Log In	11
Forgot Username	12
Forgot Password	14
Reset password by One-Time Passcode	14
Reset password by Security Questions	21
What's New	26
PA Login Migration	27
New Keystone Login users with an existing PA Login account	27
Current Keystone Login users with an existing PA Login account	31
Social Accounts	33
Linking a Google account	33
Converting a Google account	35
Adding a Google account to an existing Keystone Login account	39
Account Self-Management	41
Change Password	41
Edit Account	43
Manage Social Account	46
Multi-Factor Authentication (MFA)	50
Verification	61
Enhanced Security	67
Application List	72
De-Migrate Keystone Login Account	76
Log out	79
Appendix	80
MUSER and CWOPA domains	80



#### **INTRODUCTION**

Keystone Login is an account management system for Commonwealth of Pennsylvania online services.

The Keystone Login portal provides the following capabilities: account creation and management, identity verification, authentication services and single sign-on (sign on once to access multiple applications), social media login (e.g., Google), and risk-based multi-factor authentication.

The images included in this document derive from a desktop session. Keystone Login can also be accessed via laptops, tablets, and mobile devices. While the instructions included in this document remain the same regardless of the device used to access Keystone Login, images may appear different on different devices.

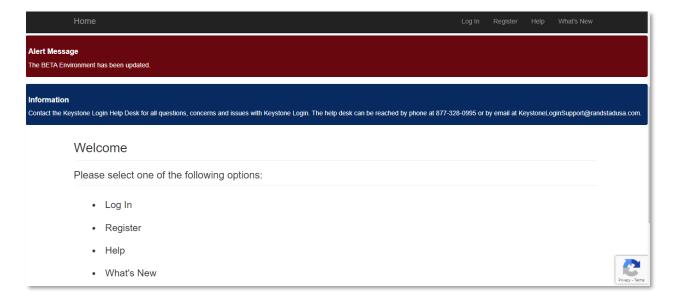


#### **HOME PAGE**

Users will be able to view two separate banners at the top of the Home page.

The red banner displays Alert Messages. Alert Messages are any active notices for users in Keystone Login.

The blue banner displays information. If users are experiencing any issues with Keystone Login which they are unable to resolve themselves, the Information banner provides contact information for the Keystone Login Help Desk.



Following these banners are the user options within Keystone Login. These options are:

- Log In
- Register
- Help
- What's New

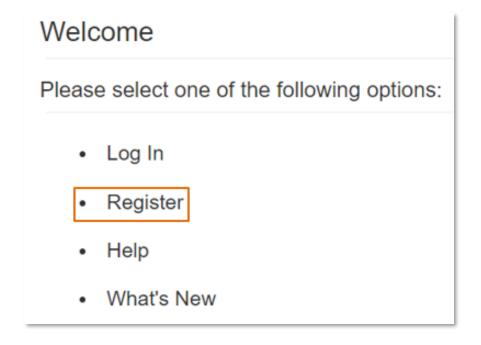
Further information regarding each option is present in the following sections.



#### **REGISTRATION**

New users should follow these steps to register an account in Keystone Login:

1. Click Register on the Keystone Login Welcome page



2. Enter first name, last name, and date of birth





- 3. Click the box to enable Enhanced Security for the account. This is an optional feature.
  - a. Contact information must be added to the account if Enhanced Security is active.
- 4. Enter an email address or mobile phone number
  - Contact information helps make password resets and account updates easier by providing a one-time passcode (see <u>Reset password by One</u> <u>Time Password</u> for instructions)
  - b. During registration, contact information must be validated. An email or SMS text containing an OTP will be sent and the 6-digit code must be entered to complete the verification process.
    - i. By providing a mobile number, users consent to receiving text messages from the Commonwealth of Pennsylvania (Keystone Login) for identity verification purposes. Messages are only sent as part of this process. Standard messaging and/or data rates may apply. To opt-out of text messages, users must edit their account and delete their mobile number or contact the Keystone Login Help Desk for assistance.

Contact Informatio	n:	
Enhanced Security		<b>Note:</b> Providing contact information helps to make password resets and account updates easier. If contact information is not provided, the only available methods for resetting a
Email		password are answering security questions or contacting the Keystone Login Help Desk.  By providing your mobile number, you consent to receiving text messages from the
Mobile Phone Number	### ### ####	Commonwealth of Pennsylvania (Keystone Login) for identity verification purposes. Messages are only sent as part of this process. Standard messaging and/or data rates may apply. To opt-out of text messages, users must edit their account and delete their mobile number or contact the Keystone Login Help Desk for assistance.

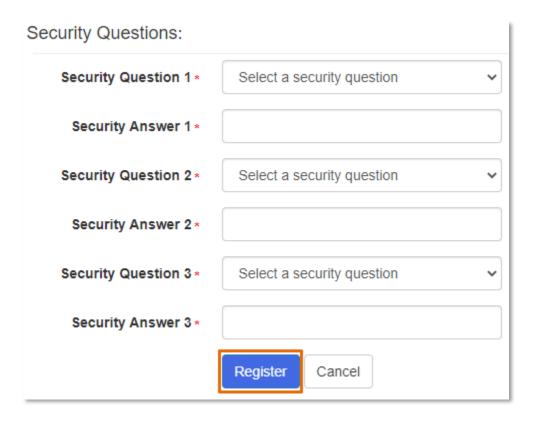


- 5. Enter a username for the Keystone Login account
  - a. Usernames must be between 6 and 64 characters and should not contain spaces or special characters (e.g., /, ?, @, etc.)
  - b. Once registered, the username cannot be edited
- 6. Enter a password for the Keystone Login account
  - a. Passwords must be between 12 and 128 characters
  - b. Do not include any portion of the username, first name, or last name in the password
  - c. The password must include any three of the following four criteria:
    - i. One uppercase letter (e.g., A, B, C, etc.)
    - ii. One lowercase letter (e.g., a, b, c, etc.)
    - iii. One number (e.g., 1, 2, 3, etc.)
    - iv. One special character (e.g., /, ?, @, etc.)
- 7. Confirm the password

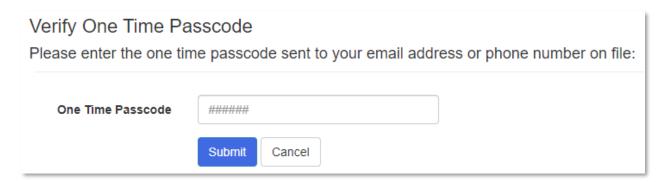
Login Information:					
Username *					
Password *					
Confirm Password *					



- 8. Select three security questions from the drop-down menus
  - a. Answer each question in the spaces provided
  - b. Answers should be unique
  - c. The same answer should not be used for multiple questions
  - d. Security answers are case sensitive and can include spaces
- 9. Click Register



- 10.Enter the one-time passcode sent to the email address associated with the account
- 11.Click Submit





A message will be displayed notifying of a successful account creation.

### **Account Management Success**

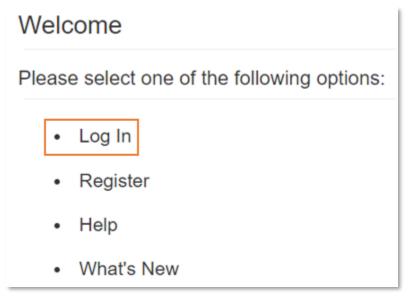
Your account has been created successfully. Please proceed to Login.



#### Linking a Google account with Keystone Login

Users may link a Google account with Keystone Login while registering as a new user. This is not a requirement; however, if the user would prefer this option, follow these steps to link a Google account:

1. Click Log In on the Keystone Login Welcome page



2. Click Sign in with Google



- 3. This action will prompt either:
  - i. Redirection to a Google sign in page, or;
  - ii. Automatic sign in
- 4. Click Register





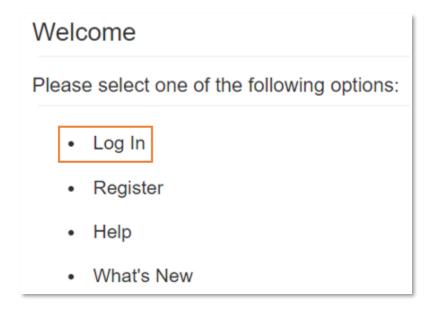
A message will be displayed notifying of a successful account creation.



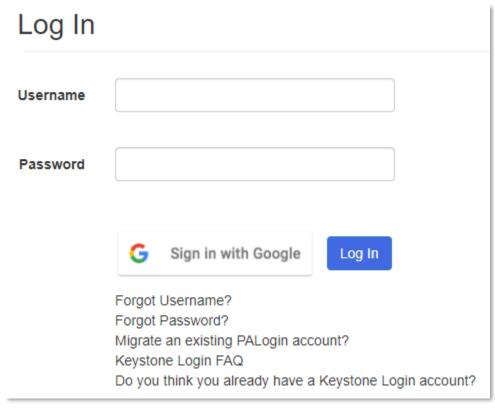
#### **LOG IN**

Once an account is registered, log in to Keystone Login by following these steps:

1. Click Log In on the Keystone Login Welcome page



- 2. Enter the Keystone Login username and password
- 3. Click Log In

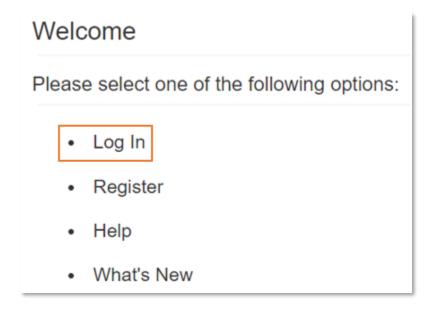




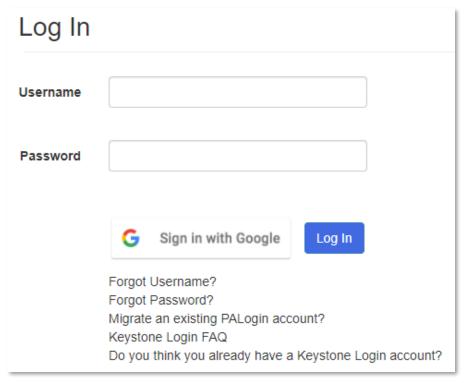
#### **FORGOT USERNAME**

For assistance recovering a Keystone Login username:

1. Click Log In on the Keystone Login Welcome page



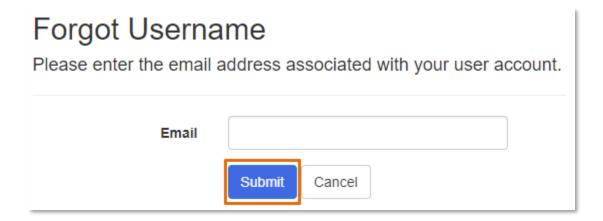
2. Click "Forgot Username?"



3. Enter the email address associated with the Keystone Login account



#### 4. Click Submit



An email will be sent to the email address on file providing the registered username.

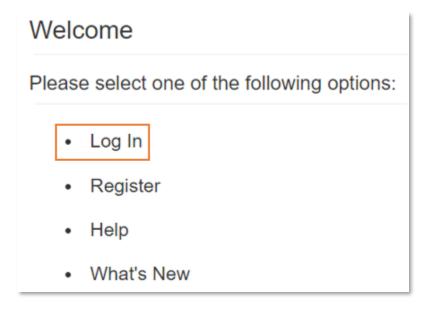


#### **FORGOT PASSWORD**

#### **Reset password by One-Time Passcode**

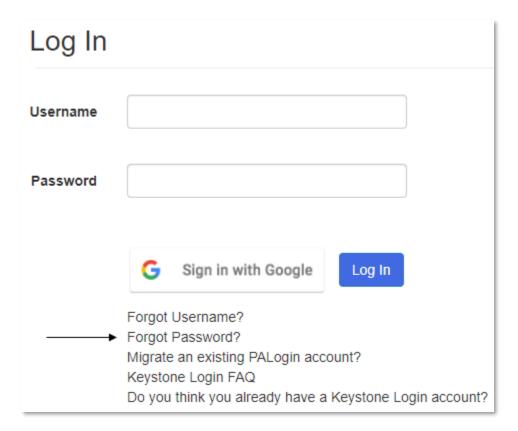
The following steps guide users through resetting their Keystone Login account password by using a one-time passcode:

1. On the Keystone Login welcome page, click Log In.

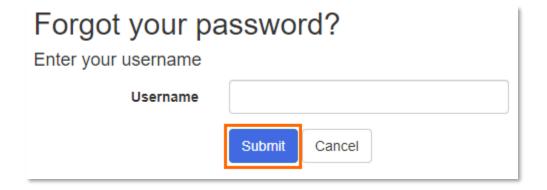




#### 2. Click Forgot Password

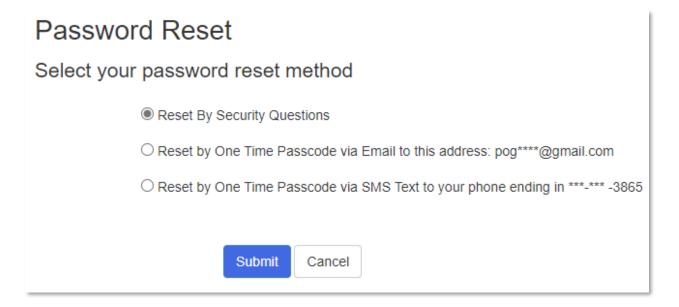


3. Enter the Keystone Login username and click Submit.

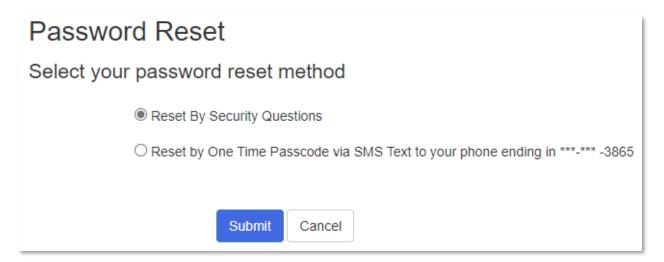




- 4. If the username exists, any of the following scenarios can reflect depending on the account information listed:
  - a. If an email address and mobile phone number are listed on the account, the user will have three options to reset their password. The options are Reset by Security Questions, Reset One-Time Passcode via email address, and Reset by One-Time Passcode via SMS text.

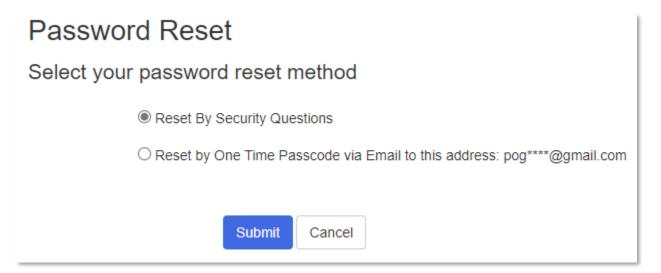


b. If only a mobile phone number is listed on the account, the user will have two options to reset their password. The options are Reset by Security Questions or Reset by One-Time Passcode via SMS text.

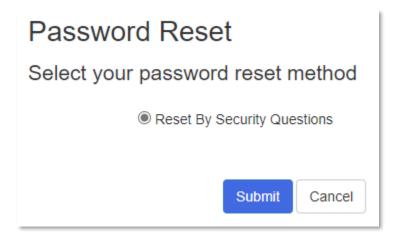




c. If only an email address is listed on the account, the user will have two options to reset their password. The options are Reset by Security Questions or Reset by One-Time Passcode via Email

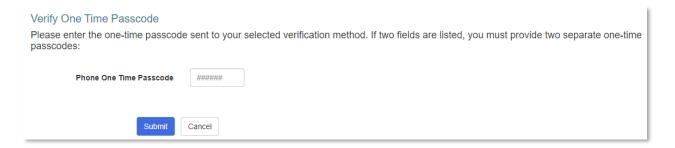


d. If the account has no mobile number or email address listed, only the Reset by Security Questions option will be displayed. See the Reset Password by Security Questions section for further instructions.

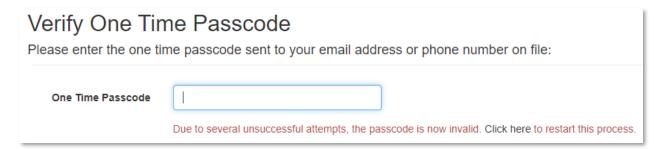




- 5. When clicking either of the reset by One-Time Passcode options, a 6-digit passcode will be sent to your mobile number or email address. Enter the code and click Submit.
  - a. Please note that the code will only be valid for 10 minutes.



6. If the code is input incorrectly, you will receive a validation error. You have three attempts to correctly enter the code. After three failures, you will be instructed to restart the process.



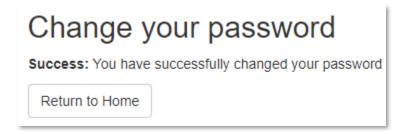


- 7. Once validated, enter a new password
  - a. Passwords must be between 12 and 128 characters
  - b. Do not include any portion of the username, first name, or last name in the password
  - c. Passwords must include any three of the following four criteria:
    - 1. One uppercase letter (e.g., A, B, C, etc.)
    - 2. One lowercase letter (e.g., a, b, c, etc.)
    - 3. One number (e.g., 1, 2, 3, etc.)
    - 4. One special character (e.g., /, ?, @, etc.)
- 8. Confirm the password and click Submit

Change your password			
The password must pass these rules:  Must be between 12 to 128 characters in length.  Do not include any of your username, your first name, or your last name.			
The password must pass 3 out of 4 of these rules:  One uppercase letter.			
One lowercase letter.			
One numeric number.			
□One non-character (such as !,#,%,^, etc).			
Password Strength: Invalid			
New password *			
Confirm new password *			
Submit Cancel			



9. If successful, a message will reflect notifying of the change to the password



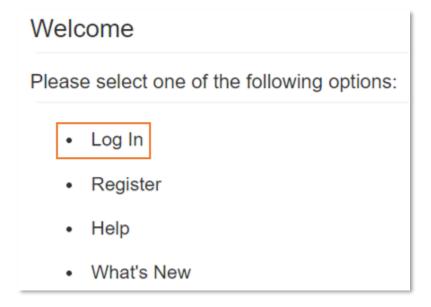
Once finished, attempt to log in with the new password for verification. Please note that password resets may take up to an hour to propagate across all servers.



#### **Reset password by Security Questions**

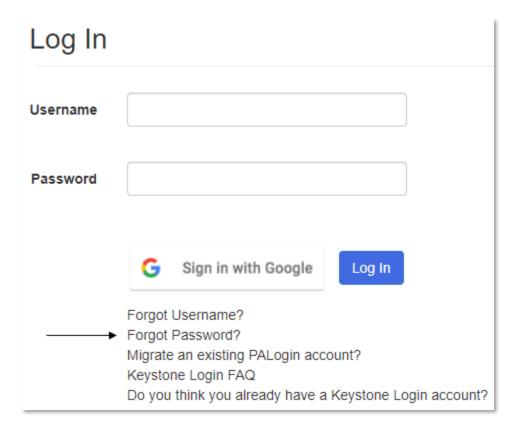
The following steps guide users through resetting their Keystone Login account password by answering security questions:

1. From the Welcome page of Keystone Login, click Log In.

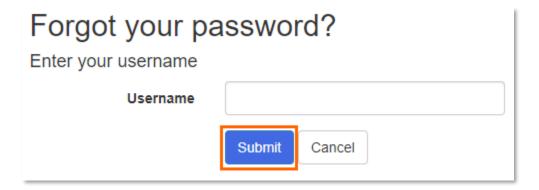




2. Click Forgot Password

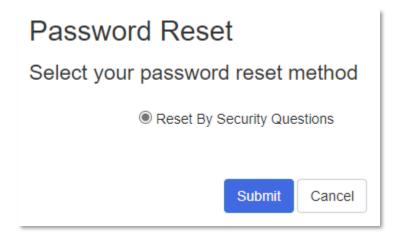


3. Enter the Keystone Login username and click Submit

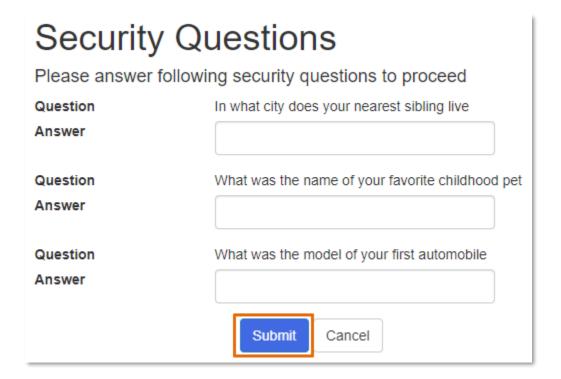




4. Select Reset by Security Questions and click Submit.



5. Answer each security question and click Submit.



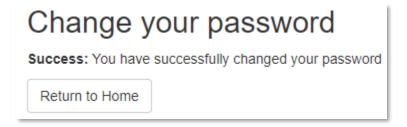


- 6. Enter a new password
  - a. Passwords must be between 12 and 128 characters
  - b. Do not include any portion of the username, first name, or last name in the password
  - c. Passwords must include any three of the following four criteria:
    - i. One uppercase letter (e.g., A, B, C, etc.)
    - ii. One lowercase letter (e.g., a, b, c, etc.)
    - iii. One number (e.g., 1, 2, 3, etc.)
    - iv. One special character (e.g., /, ?, @, etc.)
- 7. Confirm the password and click Submit

Change your password				
The password must pass these rules:  Must be between 12 to 128 characters in length.				
Do not include any of your username, your first name, or your last name.  The password must pass 3 out of 4 of these rules:				
One uppercase letter.  One lowercase letter.				
☐One numeric number. ☐One non-character (such as !,#,%,^, etc).				
Password Strength: Invalid				
New password *				
Confirm new password *				
Submit Cancel				



8. A message will reflect notifying of a successful change to the password.

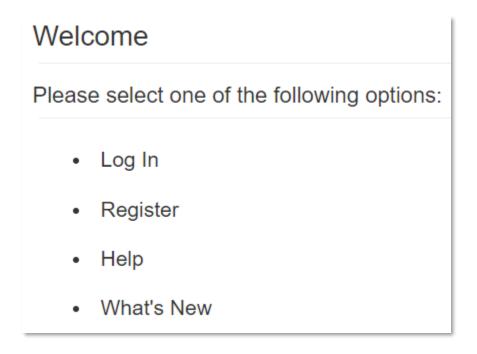


Once finished, attempt to log in with the new password for verification. Please note that password resets may take up to an hour to propagate across all servers.



#### **WHAT'S NEW**

To review previous end-of-sprint deployment updates and fixes for Keystone Login, click the What's New option on the Welcome screen.



Users may click on any available release number to open the details and read the updates and fixes deployed in a given release.





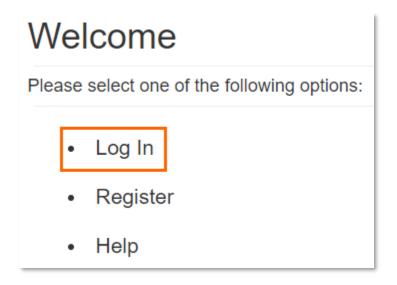


#### **PA LOGIN MIGRATION**

PA Login users must migrate their accounts to Keystone Login to maintain account activity history within the applications. The ability to create a new PA Login account ended effective December 21, 2019.

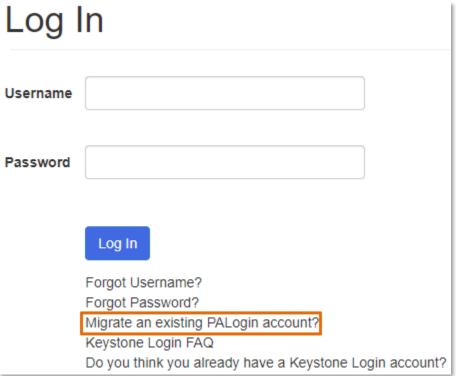
# New Keystone Login users with an existing PA Login account

1. Click Log In on the Keystone Login Welcome page



2. Click "Migrate an existing PALogin account?"





3. Click "I have not logged into Keystone Login before"

## PALogin to Keystone Login Migration

Please select one of the following

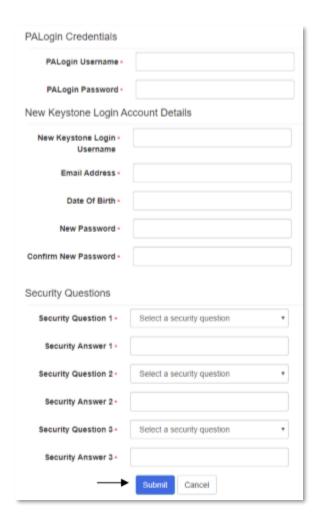
- I have not logged into Keystone Login before
- I have an existing Keystone Login account
- 4. Enter the PA Login username and password



5. Enter the new Keystone Login account details



- a. Username
- b. Email address
- c. Date of birth
- d. Password
  - i. Passwords must be between 12 and 128 characters
  - ii. Do not include any portion of the username, first name, or last name in the password
  - iii. The password must include any three of the following four criteria:
    - 1. One uppercase letter (e.g., A, B, C, etc.)
    - 2. One lowercase letter (e.g., a, b, c, etc.)
    - 3. One number (e.g., 1, 2, 3, etc.)
    - 4. One special character (e.g., /, ?, @, etc.)
- 6. Select three security questions from the drop-down menus
  - a. Answer each question in the spaces provided
  - b. Answers should be unique
  - c. The same answer should not be used for multiple questions
  - d. Security answers are case sensitive and can include spaces
- 7. Click Submit





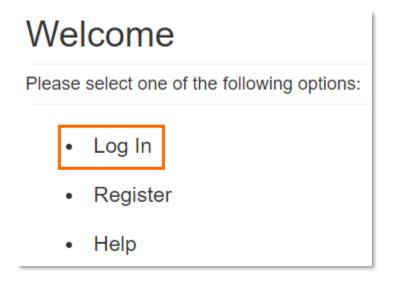
A message will be displayed notifying of a successful account migration.



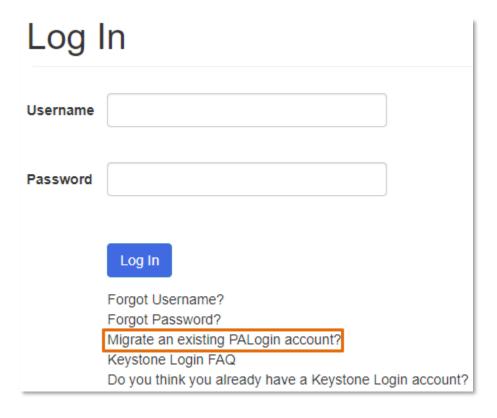
# **Current Keystone Login users with an existing PA Login account**

Follow these steps to migrate a PA Login account:

1. Click Log In on the Keystone Login Welcome page



2. Click "Migrate an existing PALogin account?"





3. Click "I have an existing Keystone Login account"

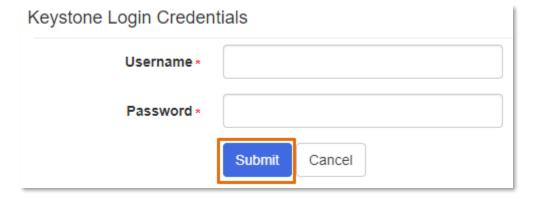
## PALogin to Keystone Login Migration

Please select one of the following

- I have not logged into Keystone Login before
- I have an existing Keystone Login account
- 4. Enter the PA Login username and password



- 1. Enter the Keystone Login username and password
- 2. Click Submit



A message will be displayed notifying of a successful account migration.





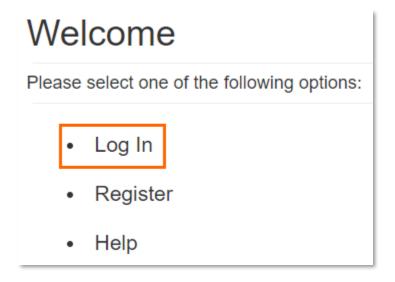
#### **SOCIAL ACCOUNTS**

Social accounts provide easier access for users. Rather than create an account with a new username and password, users may link an existing Google account to Keystone Login.

#### Linking a Google account

To link a Google account with Keystone Login, follow these steps:

1. Click Log In on the Keystone Login Welcome page



2. Click Sign in with Google





Once logged in, two options will be displayed on the home page: "Convert my Account to a Keystone Account" or "Add my social account to a Keystone Account"

### Welcome

Please select one of the following options:

- Convert my Account to a Keystone Account
- Add my Social Account to a Keystone Account
- Delete my Social Account
- Manage Multi-Factor Authentication
- Verify Account
- Help
- Log out



### **Converting a Google account**

To convert a social account to Keystone Login:

1. Click Convert my Account to a Keystone Account on the home page of your Keystone Login account

### Welcome

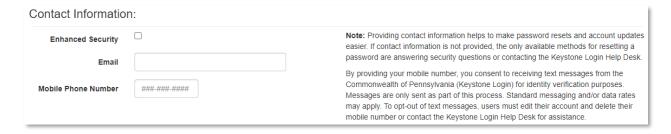
- Convert my Account to a Keystone Account
- Add my Social Account to a Keystone Account
- Delete my Social Account
- Manage Multi-Factor Authentication
- Verify Account
- Business Management
- Help
- Log out



2. Enter first name, last name, and date of birth



- 3. Click the box to enable Enhanced Security for the account. This is an optional feature.
  - a. Contact information must be added to the account if Enhanced Security is active.
- 4. Enter an email address or mobile phone number
  - a. Contact information helps make password resets and account updates easier by providing a one-time passcode (see <u>Reset password by One</u> <u>Time Password</u> for instructions)
  - b. During registration, contact information must be validated. An email or SMS text containing an OTP will be sent and you the 6-digit code must be entered to complete the verification process.



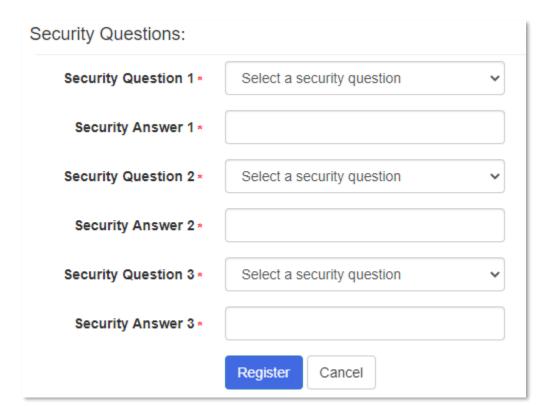


- 5. Enter a username for the Keystone Login account
  - a. Usernames must be between 6 and 64 characters and should not contain spaces or special characters (e.g., /, ?, @, etc.)
  - b. Once registered, the username cannot be edited
- 6. Enter a password for the Keystone Login account
  - c. Passwords must be between 12 and 128 characters
  - d. Do not include any portion of the username, first name, or last name in the password
  - e. The password must include any three of the following four criteria:
    - i. One uppercase letter (e.g., A, B, C, etc.)
    - ii. One lowercase letter (e.g., a, b, c, etc.)
    - iii. One number (e.g., 1, 2, 3, etc.)
    - iv. One special character (e.g., /, ?, @, etc.)
- 7. Confirm the password

Login Information:	
Username *	
Password *	
Confirm Password *	



- 8. Select three security questions from the drop-down menus
  - a. Answer each question in the spaces provided
  - b. Answers should be unique
  - c. The same answer should not be used for multiple questions
  - d. Security answers are case sensitive and can include spaces
- 9. Click Register





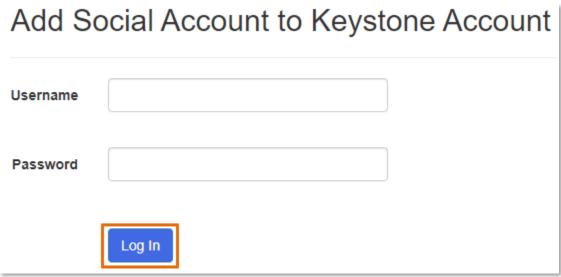
## Adding a Google account to an existing Keystone Login account

1. Click Add my Social Account to a Keystone Account on the home page of your Keystone Login account

### Welcome

- Convert my Account to a Keystone Account
- Add my Social Account to a Keystone Account
- Delete my Social Account
- Manage Multi-Factor Authentication
- Verify Account
- · Business Management
- Help
- Log out
- 2. Enter the Keystone Login username and password
- 3. Click Log In





A message will be displayed notifying of a successful account creation.

Account Management Success
Your account has been created successfully. Please proceed to Login.



### **ACCOUNT SELF-MANAGEMENT**

After logging in to the Keystone Login account, the following options are available for account self-management:

### **Change Password**

To change the password for Keystone Login:

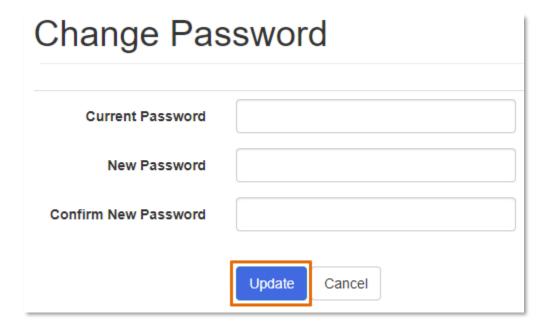
1. Click Change Password on the home page of your Keystone Login account

# Welcome Please select one of the following options: Change Password Edit Account Manage Social Logins Manage Multi-Factor Authentication Verify Account Business Management Help Log out

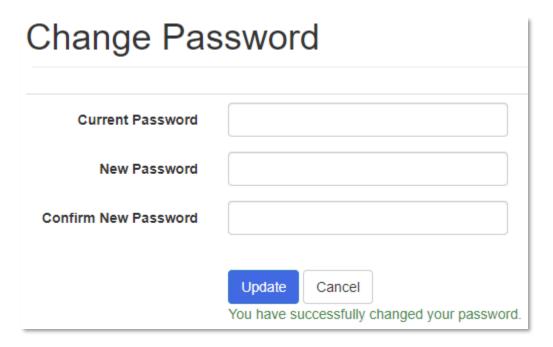
- 2. Enter the current password
- 3. Enter a new password
  - a. Passwords must be between 12 and 128 characters
  - b. Do not include any portion of the username, first name, or last name in the password
  - c. The password must include any three of the following four criteria:
    - i. One uppercase letter (e.g., A, B, C, etc.)
    - ii. One lowercase letter (e.g., a, b, c, etc.)



- iii. One number (e.g., 1, 2, 3, etc.)
- iv. One special character (e.g., /, ?, @, etc.)
- 4. Confirm the new password
- 5. Click Update



A message will be displayed notifying of a successful change to the password.





### **Edit Account**

To change any personal information associated with the Keystone Login account:

1. Click Edit Account on the home page of your Keystone Login account

# 

2. Answer each security question

Log out

3. Click Submit



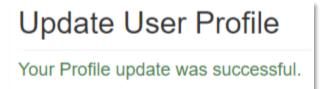
# Security Questions Please answer the following security questions. In what city does your nearest sibling live? What was the model of your first automobile? Submit Cancel

- 4. Adjust the first name, last name, date of birth, if applicable
- 5. Adjust the email address and mobile phone number, if applicable
  - a. Contact information helps make password resets and account updates easier by providing a one-time passcode (see <u>Reset password by One</u> <u>Time Password</u> for instructions)
  - b. When adding contact information, an email or SMS text containing an OTP will be sent and the 6-digit code must be entered to complete the verification process.
    - i. By providing a mobile number, users consent to receiving text messages from the Commonwealth of Pennsylvania (Keystone Login) for identity verification purposes. Messages are only sent as part of this process. Standard messaging and/or data rates may apply. To opt-out of text messages, users must edit their account and delete their mobile number or contact the Keystone Login Help Desk for assistance.



- 6. Adjust the security questions and answers, if applicable
  - a. Answer each question in the spaces provided
  - b. Answers should be unique
  - c. The same answer should not be used for multiple questions
  - d. Security answers are case sensitive and can include spaces
- 7. Click Update

A message will be displayed notifying of successful updates to the profile.





### **Manage Social Account**

To change the Google account information:

1. Click Manage Social Logins on the home page of your Keystone Login account

## Welcome

- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- · Business Management
- Help
- Log out
- 2. Answer each security question
- 3. Click Next



# Security Questions Please answer the following security questions. In what city does your nearest sibling live? What was the model of your first automobile? Submit Cancel

- 4. Open a separate tab in your browser and log out of the Google account
- 5. Once logged out of the Google account, click Change my Google Login
  - a. Enter the Google account credentials
  - b. This action will prompt redirection to Keystone Login
- 6. Verify the email address
- 7. Click Register

A message will be displayed notifying of a successful update to the account.

### Account Management Success

Your account has been created successfully. Please proceed to Login.



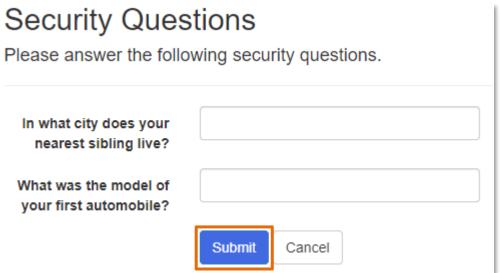
### **Deleting a social account**

1. Click Manage Social Logins on the home page of your Keystone Login account

### Welcome

- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- Business Management
- Help
- Log out
- 2. Answer each security question
- 3. Click Next





4. Click Delete



### **Multi-Factor Authentication (MFA)**

The following steps guide users enabling multi-factor authentication (MFA) on their Keystone Login account. Enabling MFA provides an additional level of account security:

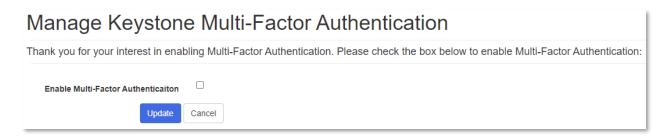
1. On the Keystone Login Welcome page, click Manage Multi-Factor Authentication, as reflected below:

### Welcome

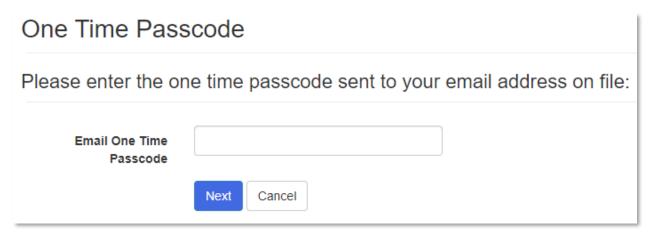
- Register To Vote
- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- Manage Enhanced Security
- Application List
- De-migrate Keystone Login Account
- Help
- Log out



2. Click the box next to "Enable Multi-Factor Authentication," as reflected below:



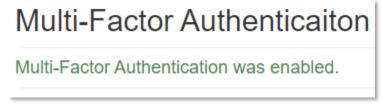
3. Enter the one-time passcode sent to the email address on file. Click Next.



a. If no contact information is listed on the account, the user must verify their identity using either the PennDOT or Experian verification services, as reflected below. See the Verification section for more information regarding these processes.

# Manage Keystone Multi-Factor Authentication Thank you for your interest in enabling Multi-Factor authentication. You must verify your identity by using either the PennDOT verification service or Experian verification service. • Verify Account

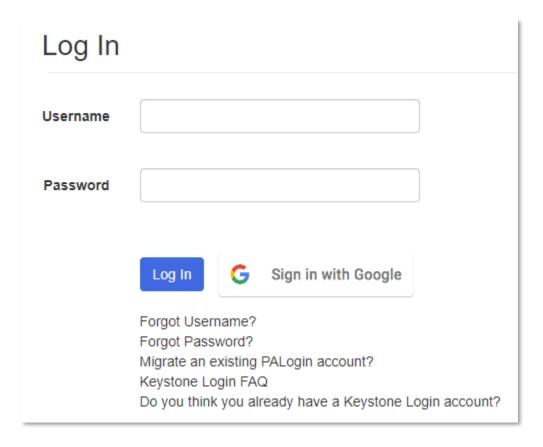
A message will appear notifying the user that MFA is enabled on the account, as reflected below.



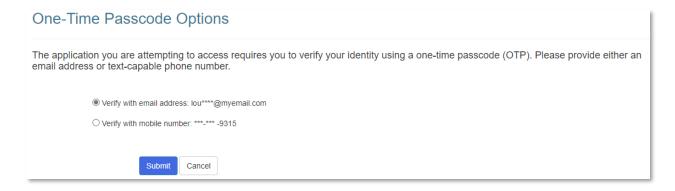


### Login process when user navigates from application requiring MFA

1. Enter the Keystone Login username and password in the fields reflected below. Click Log In.

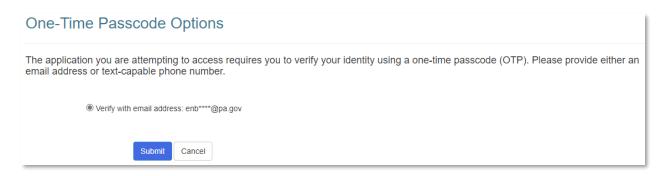


2. Select to receive a one-time passcode by either email or SMS text, as reflected below. Skip to step three (3) for email instructions. Skip to step five (5) for SMS text instructions.

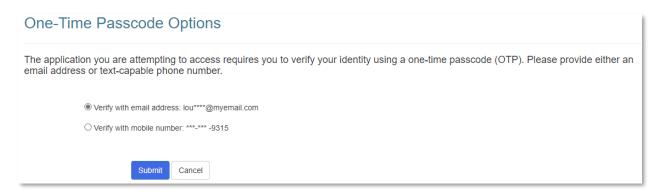




a. If only one contact method is listed on the account, that option will be the only one listed on this screen, as reflected below.



3. Click the button to have a one-time passcode sent to the email address on file, as reflected below. Click Submit.

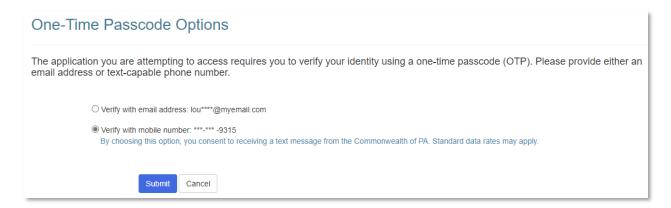


4. Enter the OTP sent to the email address listed, as reflected below. Click Submit.





5. Click the button to have a one-time passcode sent to the mobile number on file, as reflected below. Click Submit.



6. Enter the one-time passcode sent to the mobile number listed, as reflected below. Click Submit.





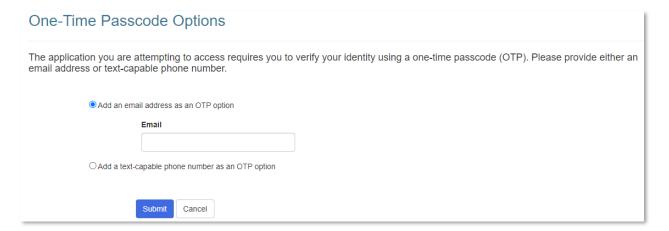
# Adding an email address as a verification method when navigating from an application

1. Enter the Keystone Login username and password in the fields reflected below. Click Log In.

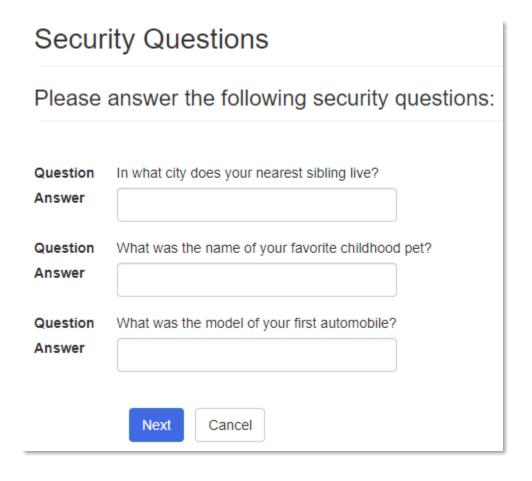
Log In		
Username		
Password		
	Log In G Sign in with Google	
	Forgot Username? Forgot Password? Migrate an existing PALogin account? Keystone Login FAQ Do you think you already have a Keystone Login account	



2. If an email address is not on file and you would like to add one to your Keystone Login account, select Add an email address as an OTP option. Enter the email address in the field provided, as reflected below. Click Submit.



3. Enter the answers to the security questions set up during the registration process, as reflected below. Click Next.





4. Enter the one-time passcode sent to the email address on file, as reflected below. Click Submit.





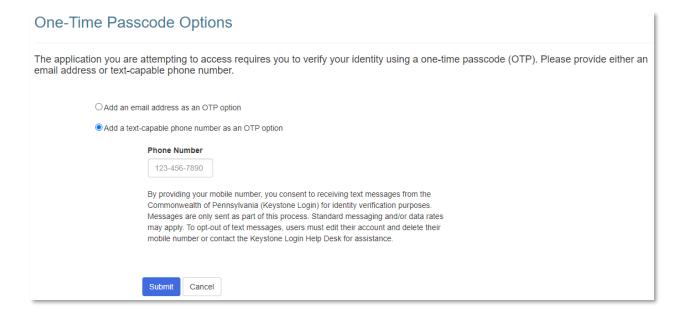
# Adding a phone number as a verification method when navigating from an application

1. Enter the Keystone Login username and password in the fields reflected below. Click Log In.

Log In		
Username		
Password		
	Log In G Sign in with Google	
	Forgot Username? Forgot Password? Migrate an existing PALogin account? Keystone Login FAQ Do you think you already have a Keystone Login account	

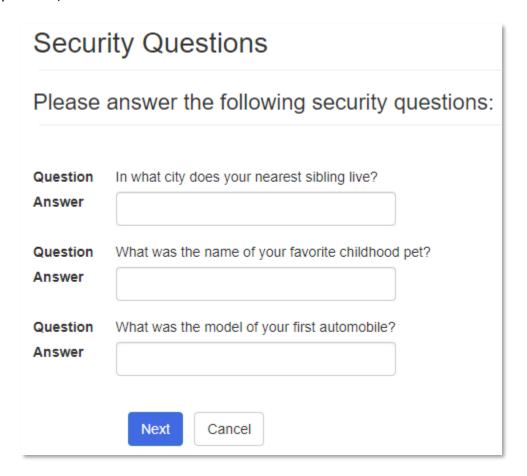


 If a phone number is not on file and you would like to add one to your Keystone Login account, select Add a text-capable phone number as an OTP option. Enter the phone number in the field provided, as reflected below. Click Submit.

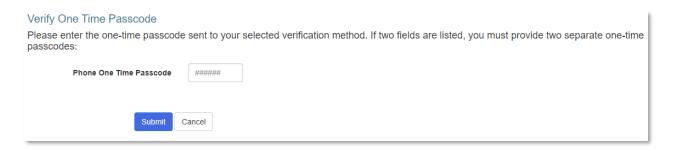




3. Enter the answers to the security questions set up during the registration process, as reflected below. Click Next.



4. Enter the one-time passcode sent to the mobile number on file, as reflected below. Click Submit.





### **Verification**

To verify the Keystone Login account:

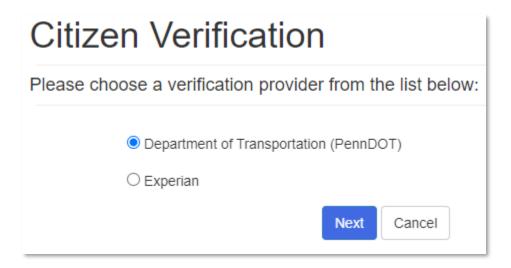
1. Click Verify Account on the home page of your Keystone Login account

### Welcome

- · Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- · Business Management
- Help
- Log out



- 2. Select a verification provider from the following options: Pennsylvania Department of Transportation (Step 4) or Experian (Step 5)
- 3. Click Next





### **PennDOT**

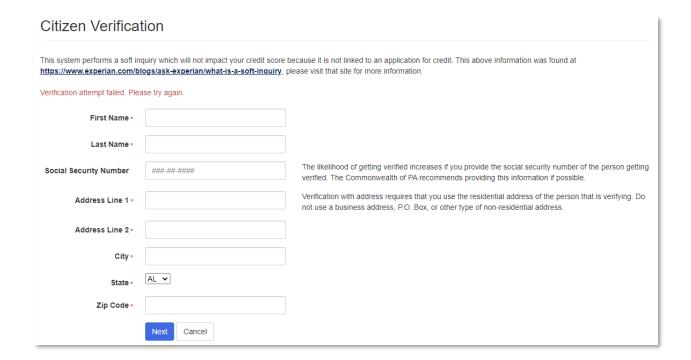
First name, last name, and date of birth should automatically populate Enter Driver's License Number Click Validate

Citizen Verification		
First Name *		
Last Name *	Doyle	
Date Of Birth *	mm/dd/yyyy	
Drivers License Number *		
	Validate Cancel	



### **Experian**

First name and last name should automatically populate Enter address, city, state, and zip code Click Next



Answer each of the verification questions Click Validate



С	Citizen Verification		
1.*	According to our records, you currently own/lease, or have owned/leased within the past year, one of the following vehicles. Please select the vehicle that you purchased or leased prior to March 2013 from the following choices.  ○ CHRYSLER SEBRING  ○ KIA SEPHIA  ○ MITSUBISHI ECLIPSE  ○ DODGE 400  ○ NONE OF THE ABOVE/DOES NOT APPLY		
2.*	Which of the following is a current or previous employer? If there is not a matched employer name, please select 'NONE OF THE ABOVE'.  O INTERNATL HARVESTER  O JORDANS LOBSTER FARM  O VOLT SERVICE GROUP  O FACET  O NONE OF THE ABOVE/DOES NOT APPLY		
3.*	Using your date of birth, please select your astrological sun sign of the zodiac from the following choices.  C LIBRA C LEO TAURUS VIRGO NONE OF THE ABOVE/DOES NOT APPLY		
4.*	Which of the following represents the last four digits of your cellular phone number?    5521		

Verification attempt failed. Please try again.

### 24-hour Locked Out User

Your account has been locked for 24 hours due to exceeding the maximum number of attempts to successfully answer the Experian questions. To immediately unlock your account, please call the help desk at 877-328-0995.

Back to Home



A message will be displayed notifying of successful identity verification.

### Citizen Verification

Identity verification was successful.

Back to Home



### **Enhanced Security**

### **Enabling Enhanced Security**

To enable Enhanced Security for a Keystone Login account:

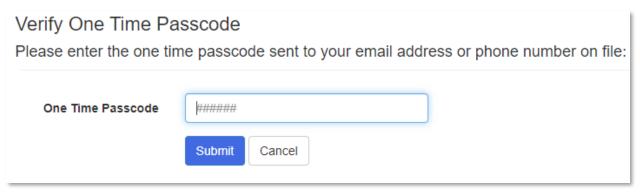
1. Click Manage Enhanced Security on the Welcome page

### Welcome

- Register To Vote
- Change Password
- Edit Account
- · Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- Manage Enhanced Security
- My Organization
- Application List
- De-migrate Keystone Login Account
- Help
- Log out



- 2. Enter the one-time passcode sent to the email address associated with the account.
- 3. Click Submit.



4. On the following screen, click the box labeled 'Enhanced Security.'



- 5. Next, enter a new Keystone Login password
  - a. Passwords must be between 12 and 128 characters
  - b. Do not include any portion of the username, first name, or last name in the password
  - c. Passwords must include any three of the following four criteria:
    - i. One uppercase letter (e.g., A, B, C, etc.)
    - ii. One lowercase letter (e.g., a, b, c, etc.)
    - iii. One number (e.g., 1, 2, 3, etc.)
    - iv. One special character (e.g., /, ?, @, etc.)
- 6. Confirm the password



7. When finished, click the Update button on the bottom of the page.





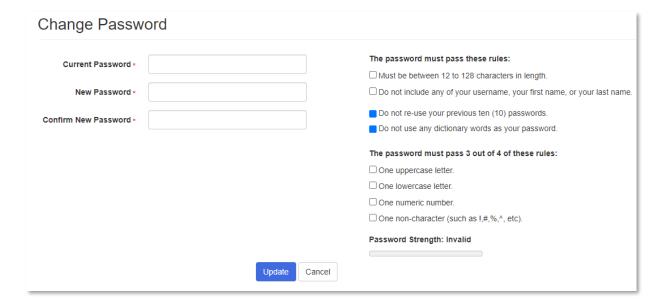
A message will appear notifying that Enhanced Security is enabled.

### Manage Enhanced Security

Enhanced Security enabled successfully! Click here to go to Main Menu

**Please note:** When Enhanced Security is enabled, the password creation criteria include two new rules:

- Passwords cannot be reused. Up to 10 previous passwords will be rejected if entered.
- Dictionary words cannot be included in the password.





### **Disabling Enhanced Security**

To disable Enhanced Security for a Keystone Login account:

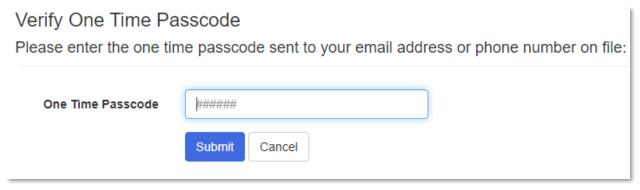
1. Click Manage Enhanced Security on the Welcome page

### Welcome

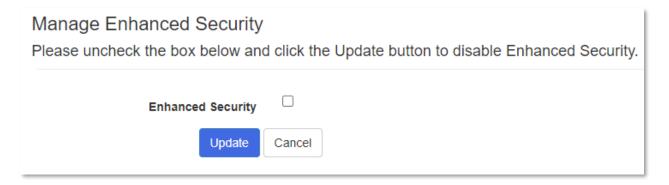
- · Register To Vote
- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- Manage Enhanced Security
- My Organization
- Application List
- De-migrate Keystone Login Account
- Help
- Log out



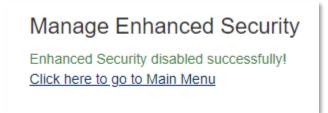
- 2. Enter the one-time passcode sent to the email address associated with the account.
- 3. Click Submit.



- 4. On the following screen, click the box labeled 'Enhanced Security.'
- 5. Click the blue 'Update' button on the bottom of the page



A message will appear notifying that Enhanced Security is disabled.





### **Application List**

The Application List allows users to view agency applications associated with their account. To view this list,

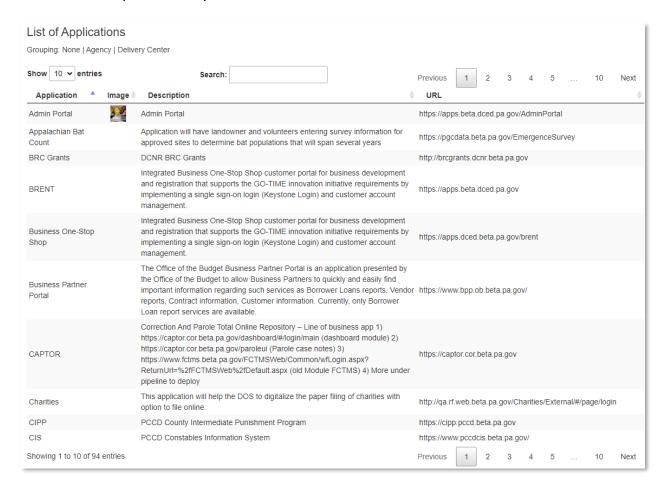
1. Click Application List on the home page of your Keystone Login account

### Welcome

- · Register To Vote
- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- My Organization
- Application List
- De-migrate Keystone Login Account
- Help
- Log out



2. The Application List default setting is grouped by 'None' and applications are listed alphabetically.



3. To navigate the list, users may sort by Agency or Delivery Center. These options are located under the List of Applications header:

List of Applications
Grouping: None | Agency | Delivery Center

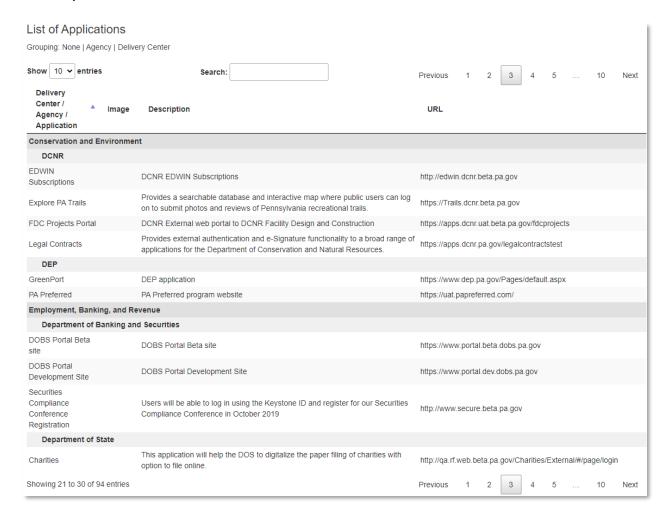


### Agency view:

Agency / Image Application	Description	URL
DCNR		
DCNR Grants Portal	DCNR Grants Portal	https://grants.dcnr.uat.pa.gov
EDWIN Subscriptions	DCNR EDWIN Subscriptions	http://edwin.dcnr.beta.pa.gov
Explore PA Trails	Provides a searchable database and interactive map where public users can log on to submit photos and reviews of Pennsylvania recreational trails.	https://Trails.dcnr.beta.pa.gov
FDC Projects Portal	DCNR External web portal to DCNR Facility Design and Construction	https://apps.dcnr.uat.beta.pa.gov/fdcprojects
Legal Contracts	Provides external authentication and e-Signature functionality to a broad range of applications for the Department of Conservation and Natural Resources.	https://apps.dcnr.pa.gov/legalcontractstest
DEP		
GreenPort	DEP application	https://www.dep.pa.gov/Pages/default.aspx
PA Preferred	PA Preferred program website	https://uat.papreferred.com/
Department of Banking and Securities		
DOBS Portal Beta site	DOBS Portal Beta site	https://www.portal.beta.dobs.pa.gov
DOBS Portal Development Site	DOBS Portal Development Site	https://www.portal.dev.dobs.pa.gov
Securities Compliance Conference Registration	Users will be able to log in using the Keystone ID and register for our Securities Compliance Conference in October 2019	http://www.secure.beta.pa.gov
Showing 21 to 30 of 94 entries		Previous 1 2 3 4 5 10 Next



### Delivery Center view:





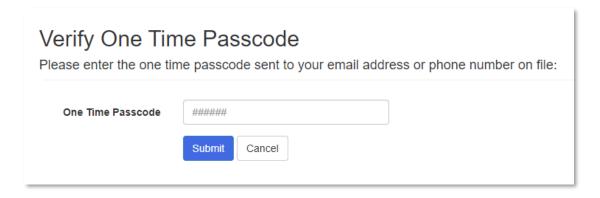
### **De-Migrate Keystone Login Account**

To separate a previously migrated PALogin account from a Keystone Login account, follow these directions:

Select the "De-migrate Keystone Login Account" option from the main menu.

De-migrate Keystone Login Account

Verify your identity with the One-Time Passcode (OTP) and click submit (This will occur only if the Keystone Login user has an email address.



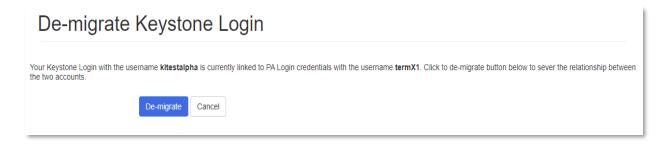


Alternatively, if no email address is on file, verify your identity by answering security questions and click submit.





Click the "De-migrate" button.



A message will be displayed notifying of a successful de-migration. Click the link to return to the Home page.

### Keystone Login De-Migration Success

Your Keystone Login account has been successfully de-migrated. Please click here to return to the home page



### Log out

To log out your Keystone Login account, click Log out on the home page.

### Welcome

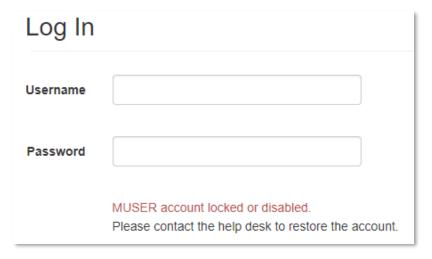
- Change Password
- Edit Account
- Manage Social Logins
- Manage Multi-Factor Authentication
- Verify Account
- · Business Management
- Help
- Log out



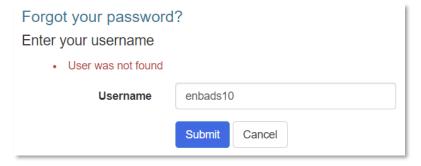
### **APPENDIX**

### **MUSER and CWOPA domains**

MUSER and CWOPA user accounts are more restrictive than Keystone accounts. If a MUSER or CWOPA user forgets their password, the only available method of account retrieval is contacting the Keystone Login Help Desk for assistance. Users will see the error message reflected below if the entered password is incorrect or the account is locked.



If a MUSER or CWOPA user attempts to follow the Forgot Password process, they will receive a User not found error message, as reflected below:



When MUSER and CWOPA users are logged in to their Keystone Login account, the correct domain will reflect on the menu bar at the top of the screen, as reflected by the examples below:





The Welcome page of the Keystone Login account will also display a limited number of options, as reflected below:

### Welcome

- · Register To Vote
- Application List
- De-migrate Keystone Login Account
- Help
- Log out