



ServiceBC

BC Registries and Online Services

Help with 2-Factor Authenticators (2FA)

2FA and BCeID are used to login to the BC Registry application when a user cannot use a BC Services Card account.

Updated February 2024

2-factor authenticators (2FA)

- BC Registries recommends that you use a [BC Services Card](#) app or token to log into the BC Registries application. If you cannot use the BC Services Card, you will need to set up BCeID, password and 2FA.
- **BC Registries does not recommend a specific authenticator.** 2FAs included in this guide are examples only; you can also search the internet to find an authenticator that works best for you.

What is 2FA? It's an extra layer of security on top of the BCeID/password that you use to login to BC Registries and Online Services.

What is an authenticator application? The authenticator app will generate a one-time code (like a pin). You will enter your BCeID/password and use a new one-time code each time to get access to the BC Registry application. There are both desktop and mobile authenticators available.

- If you plan to login from more than one computer, a mobile authenticator is recommended so you can use it to access it from any computer.
- If you download an authenticator to a specific computer, you will have to use that authenticator on that computer to access the BC Registry application.

About this guide: Contains examples and steps for using some commonly-used authenticators.

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- Desktop Browser Extension examples:
 - [GAuth](#)
 - [Authenticator.cc](#)
- Mobile examples:
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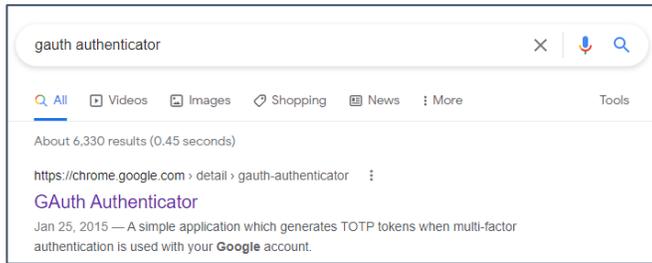
- [Go to Download links for apps](#)

Desktop Browser Extension: GAuth for Google Chrome

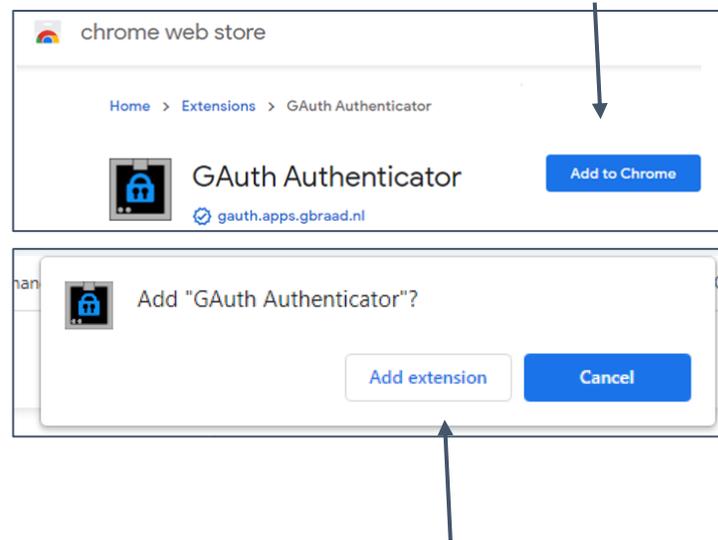
GAuth is a 2FA application that is added as an “extension add-on” to the Google Chrome browser.

1. Open the Google Chrome browser and search for “[GAuth authenticator](#)”.

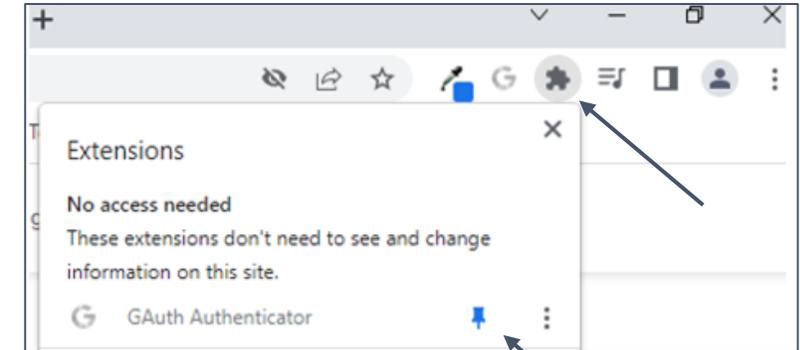
Select the one from
<https://chrome.google.com>



2. Click on “Add to Chrome”.
Then, click “Add extension”.

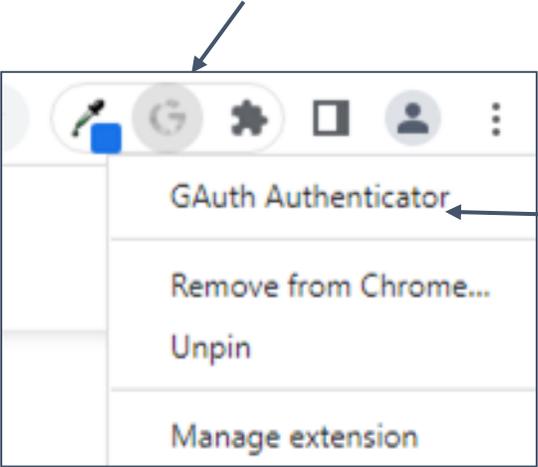


3. Click on the puzzle-piece and pin the authenticator so that it's visible in the toolbar.

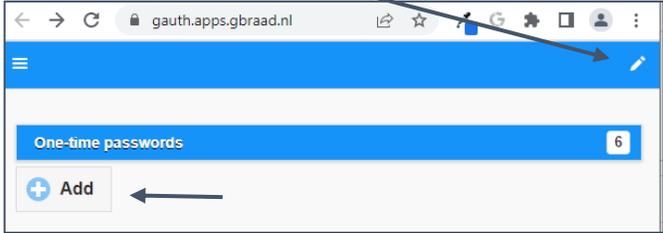


Desktop Browser Extension: GAAuth for Google Chrome (continued)

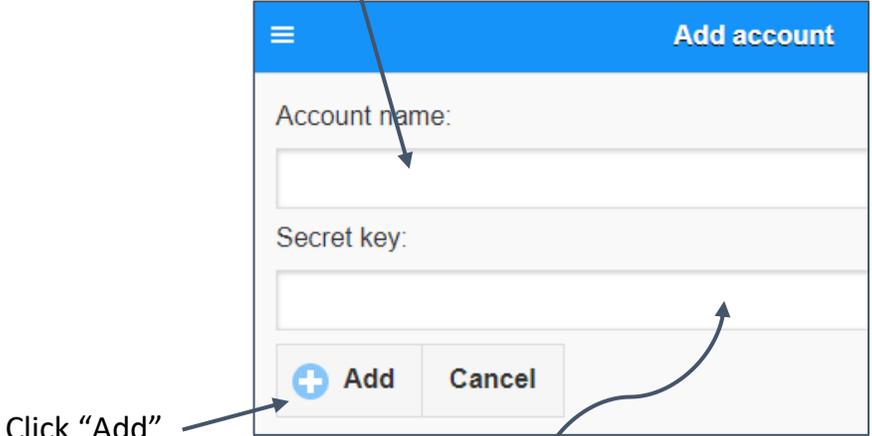
4. Click on the "G" in the toolbar and select "GAAuth Authenticator" from the list.



5. Click "Add" to paste in the BC Reg key. If you can't see "Add", click on the pen symbol.



6. Enter an account name, e.g., "BC Registry".



2. Open the application and enter the key:

JZKW UNLQ IU3V G3ZY OB2G KTCD GNVG Y3JT

Scan barcode?

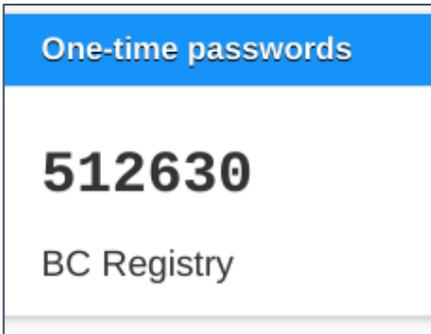
3. Use the following configuration values if the application allows setting them:

- Type: Time-based
- Algorithm: SHA1
- Digits: 6
- Interval: 30

Copy (Ctrl + c) BC Registry application key and paste (Ctrl + v) into the Secret key field.

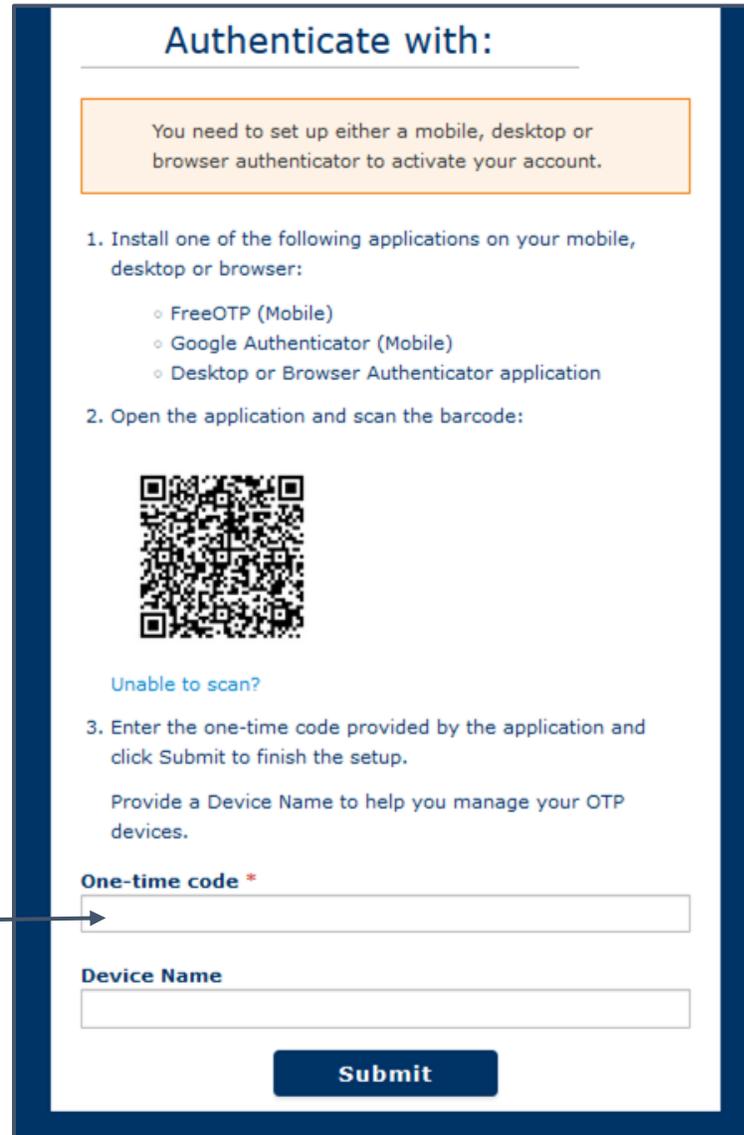
Desktop Browser Extension: GAAuth for Google Chrome (continued)

7. Copy the one-time 6-digit code & paste into the BC Registry website in the “One-time code” field.



Next time you log in:

You will need to enter a unique 6-digit code each time that you log in. Click on the G-icon like you did in Step 4 and the code will appear like it did here.

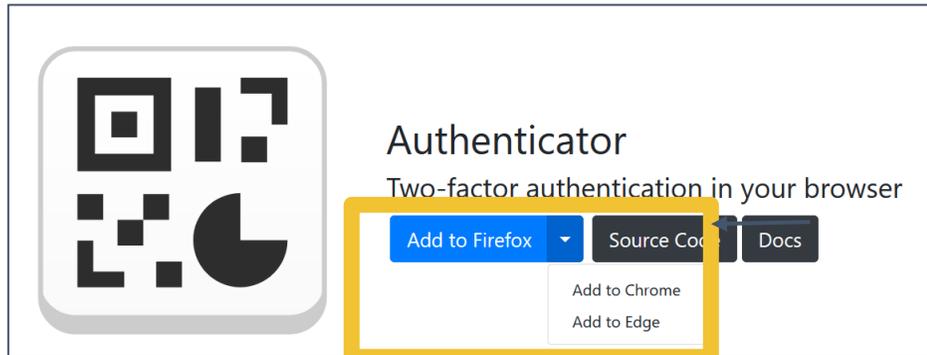
A screenshot of the GAAuth authentication page. The page has a white background with a dark blue border. At the top, it says "Authenticate with:". Below this is an orange box with the text: "You need to set up either a mobile, desktop or browser authenticator to activate your account." The page contains two numbered steps: "1. Install one of the following applications on your mobile, desktop or browser:" followed by a list of three options: "FreeOTP (Mobile)", "Google Authenticator (Mobile)", and "Desktop or Browser Authenticator application"; and "2. Open the application and scan the barcode:" followed by a QR code. Below the QR code is a link "Unable to scan?". Step 3 says: "3. Enter the one-time code provided by the application and click Submit to finish the setup." Below this is a prompt: "Provide a Device Name to help you manage your OTP devices." There are two input fields: "One-time code *" and "Device Name". A blue arrow points to the "One-time code" field. At the bottom is a dark blue "Submit" button.

Desktop Browser Extension: Authenticator.cc

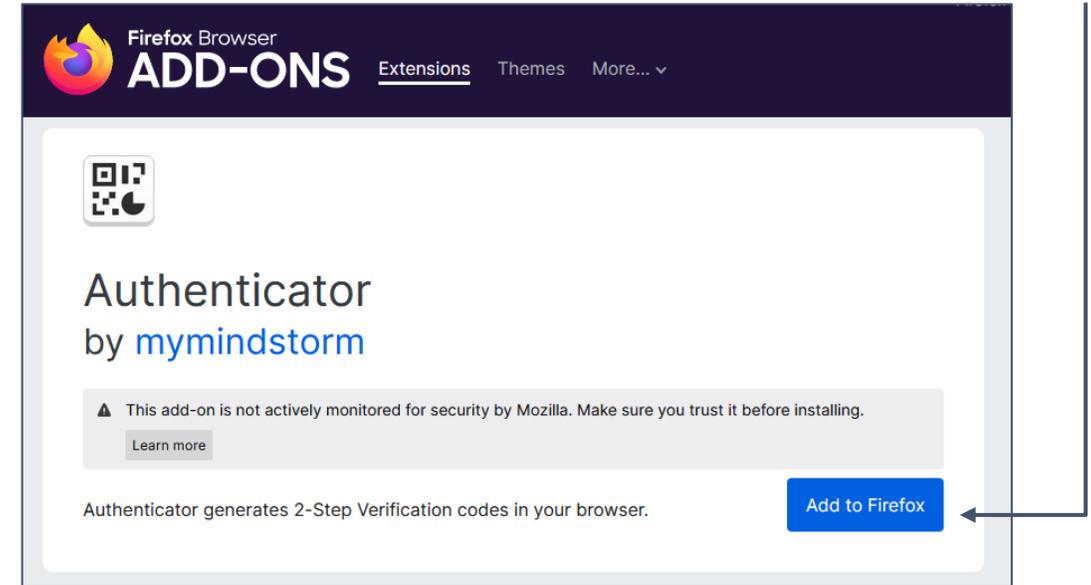
Authenticator.cc is a 2FA application that is added as an “extension add-on” to the Google Chrome, Microsoft Edge, or Mozilla Firefox browsers.

1. Open your internet browser and go to <https://authenticator.cc/>

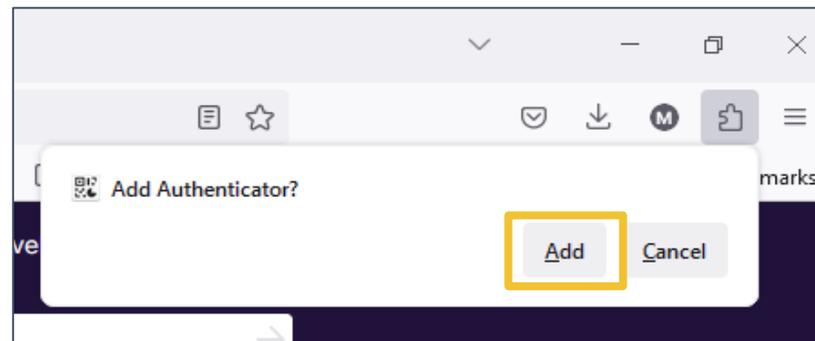
Select “Add to [browser]”. Ensure you are selecting the correct browser extension for the browser that you are using. You can use Chrome, Edge, or Mozilla; *this example is for Firefox but the steps are similar for all browsers.*



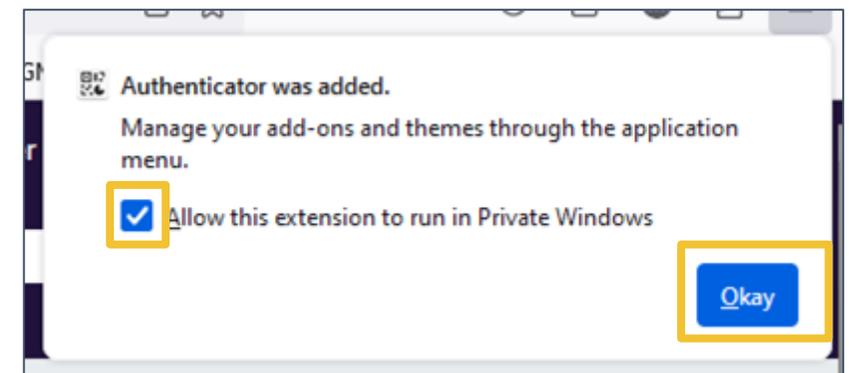
2. Select “Add to Firefox”.



In the top-right of your screen, select Add.

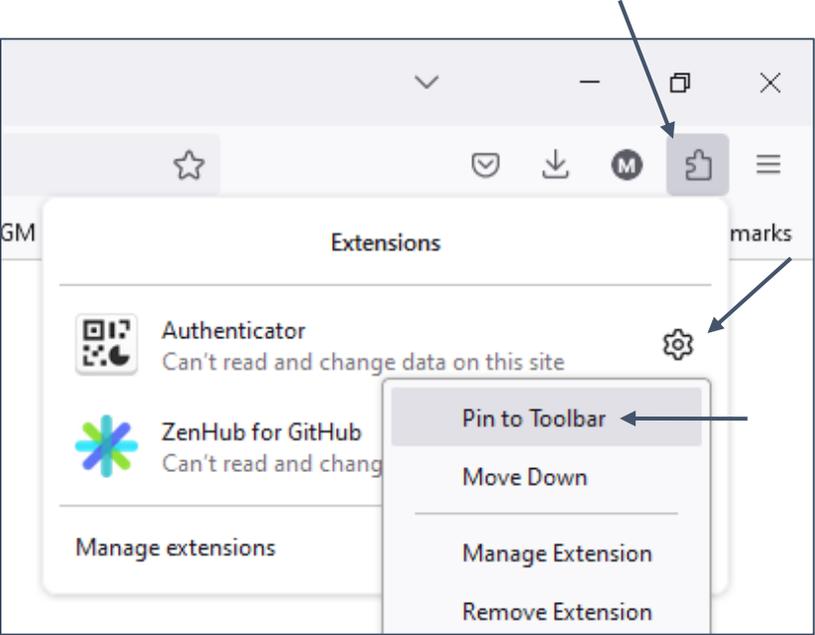


Then, check off to run extension in Private and click Okay.

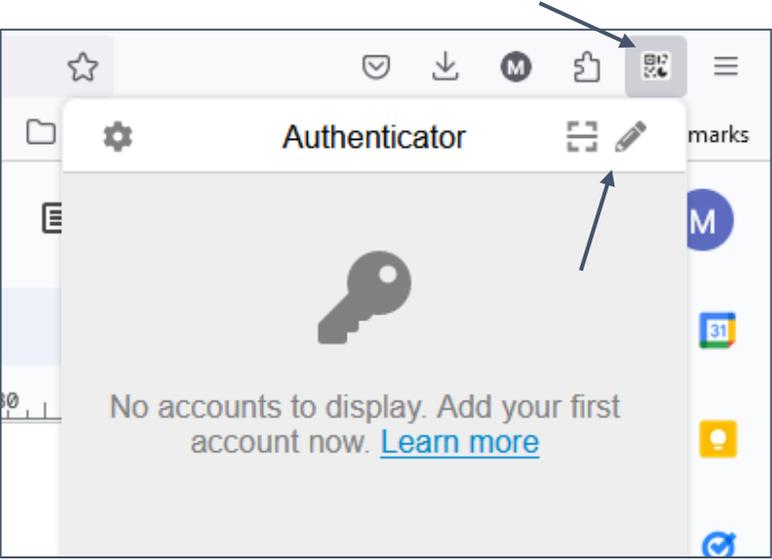


Desktop Browser Extension: Authenticator.cc (continued)

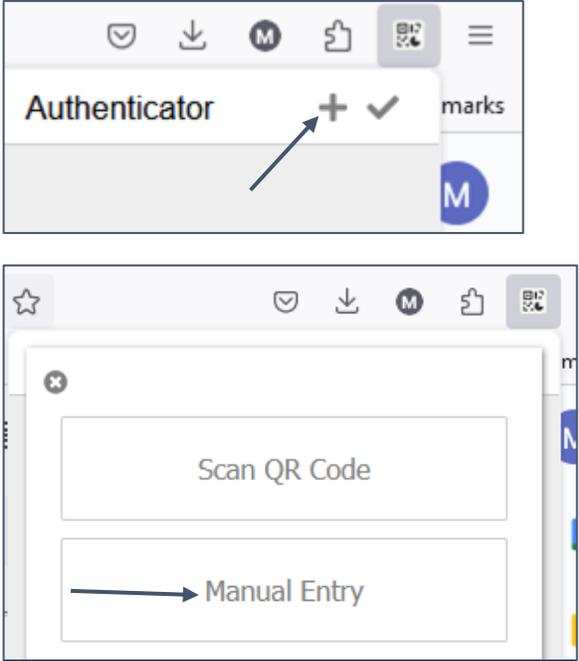
3. Click on the puzzle-piece in the top-right corner and select the gear icon, then "Pin to Toolbar".



4. Click on the QR-icon to open the authenticator and click on the pen-icon.

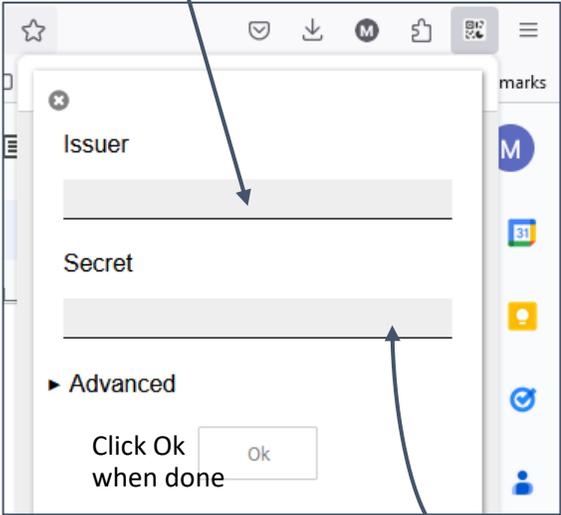


5. Click on the plus-icon and then Manual Entry



Desktop Browser Extension: Authenticator.cc (continued)

6. Enter an "Issuer" name, e.g., "BC Registries".



Copy (Ctrl + c) BC Registry application key and paste (Ctrl + v) into the Secret field.

2. Open the application and enter the key:

JZKW UNLQ IU3V G3ZY OB2G KTCD GNVG Y3JT

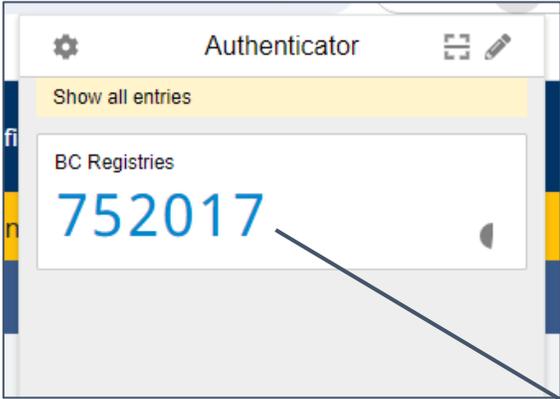
[Scan barcode?](#)

3. Use the following configuration values if the application allows setting them:

- Type: Time-based
- Algorithm: SHA1
- Digits: 6
- Interval: 30

7. Copy the one-time 6-digit code that appears (you can click on it and it will copy) & paste into the BC Registry website in the "One-time code" field.

Click submit.



Next time you log in: You will need to enter a unique 6-digit code each time that you log in. Click on the QR-icon like you did in Step 4 and the code will appear like it did here.

Authenticate with:

You need to set up either a mobile, desktop or browser authenticator to activate your account.

- Install one of the following applications on your mobile, desktop or browser:
 - FreeOTP (Mobile)
 - Google Authenticator (Mobile)
 - Desktop or Browser Authenticator application
- Open the application and scan the barcode:

[Unable to scan?](#)
- Enter the one-time code provided by the application and click Submit to finish the setup.
Provide a Device Name to help you manage your OTP devices.

One-time code *

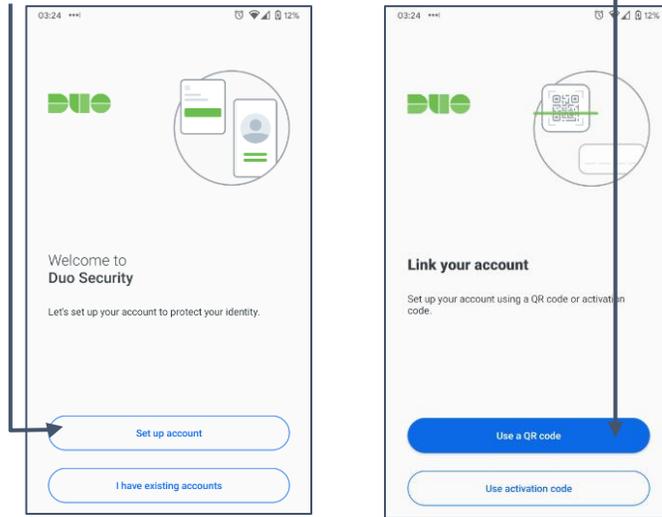
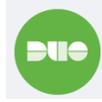
Device Name

Submit

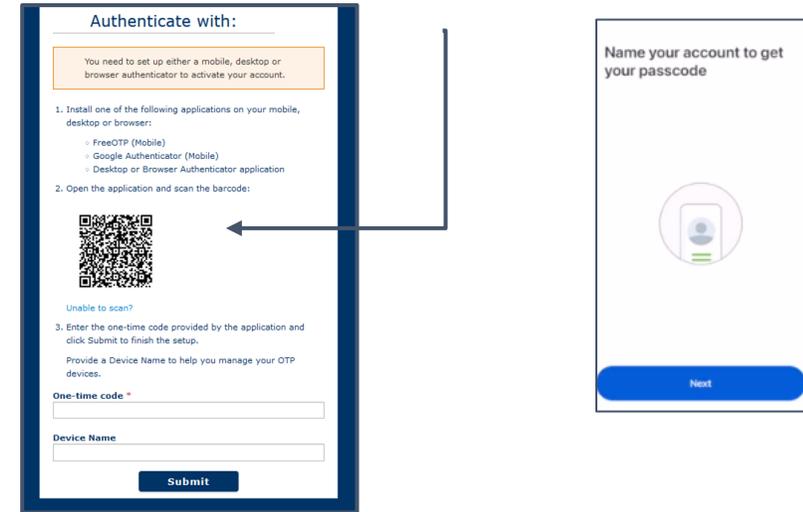
Mobile Device app: Duo Mobile

Duo Mobile is a 2FA application that can be downloaded to a mobile device or cell phone.

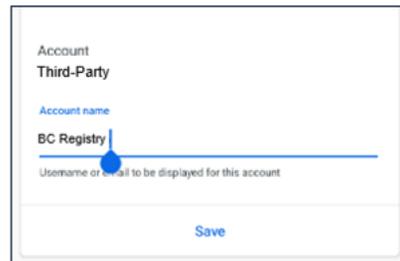
1. Search for “Duo Mobile” in Google Play store or iPhone App Store. Download the Duo Mobile app and open the app. Click “Set up account” then click “Use a QR code”



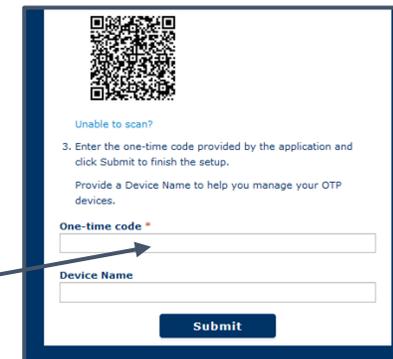
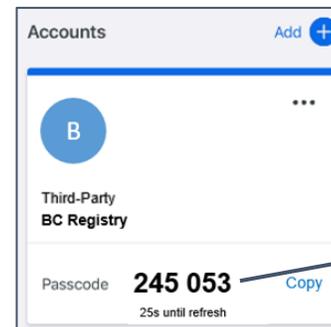
2. Use your mobile device camera that appears to scan the QR barcode on the BC Registry site. Click “Next”.



3. Enter the 2FA account name eg. “BC Registry”. Click “Save”.



4. Type in the one-time 6-digit code into the BC Registry website in the “One-time code” field.



Next time you log in: You will need to enter a unique 6-digit code each time that you log in. Open the Duo app and use the code that appears next time you log in.

Mobile Device app: Authy

Authy is a 2FA application that can be downloaded to a mobile device or cell phone.



1. Search for “Authy” in Google Play store or iPhone App Store. Download the Twilio Authy Authenticator app and open the app. Select the country code and enter phone number with your area code. Choose to receive SMS (text) message or phone call to verify the authenticator account.

The first screenshot shows the Authy app's welcome screen. It features the Authy logo at the top left, followed by the text "Hi there," and "To get started, login or create an Authy account with your phone number." Below this are two input fields: "Country..." with a dropdown arrow and "Phone num...". At the bottom is a blue "Submit" button.

The second screenshot shows the "Verify your account" screen. It has the Authy logo at the top left and the text "Verify your account" and "Select one of the following methods to verify your account:". Below this are four buttons: "Use existing device with Authy installed", "Receive WhatsApp message", "Receive SMS message", and "Receive call".

2. Enter the code from the call or text message into the app, then click on the plus symbol to add an account for the BC Registry website.

This screenshot shows the "SMS message sent" screen. It features the Authy logo at the top left and the text "SMS message sent" and "Enter the verification code we sent to +1". Below this is a blue input field containing a partial phone number and a row of six empty boxes for entering the verification code.

This screenshot shows the "You don't have any accounts yet" screen. It features the text "You don't have any accounts yet" and "Tap on the plus button to add your first authenticator account". At the bottom center is a blue circular button with a white plus sign.

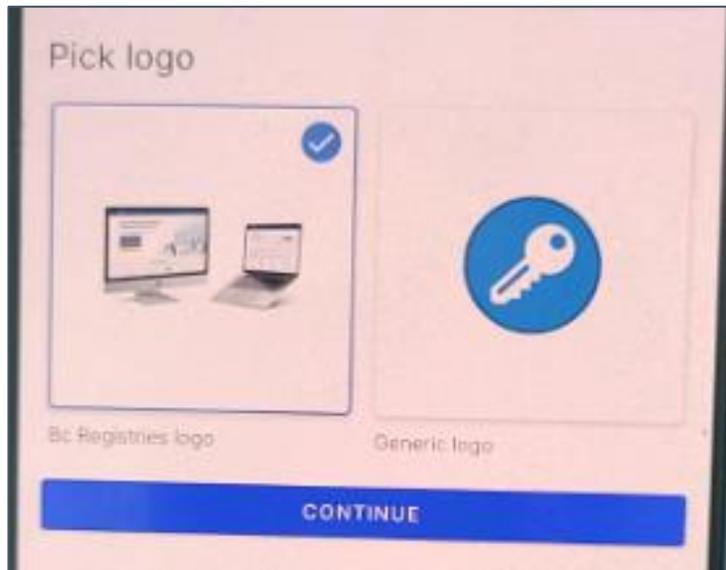
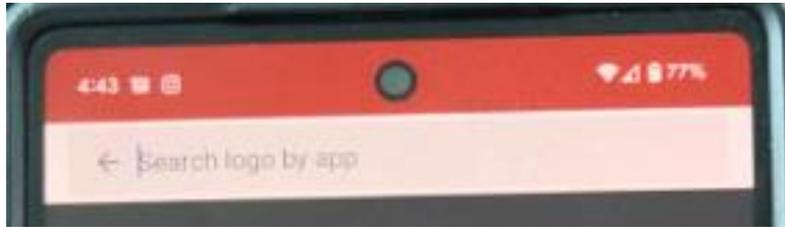
3. Use your mobile device camera that appears to scan the QR barcode on the BC Registry site.

This screenshot shows the "Authenticate with:" page on the BC Registry website. It features the text "Authenticate with:" at the top. Below this is a yellow box with the text "You need to set up either a mobile, desktop or browser authenticator to activate your account." Below this are two numbered steps: "1. Install one of the following applications on your mobile, desktop or browser:" with a list of options (FreeOTP, Google Authenticator, Desktop or Browser Authenticator), and "2. Open the application and scan the barcode:". Below the second step is a QR code with an arrow pointing to it. Below the QR code is the text "Unable to scan?". Below this is the third step: "3. Enter the one-time code provided by the application and click Submit to finish the setup." At the bottom is the text "Provide a Device Name to help you manage your OTP devices."

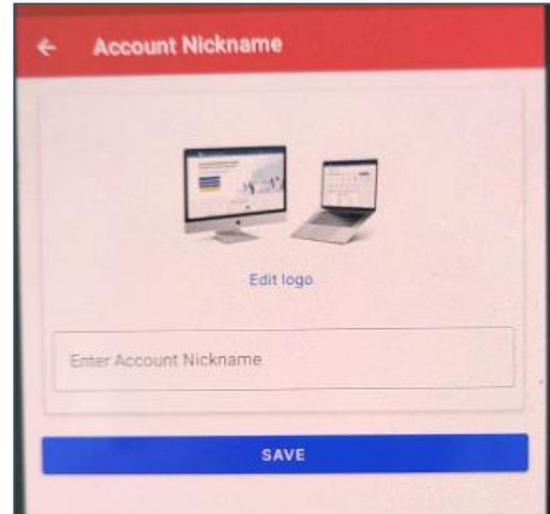
Mobile Device app: Authy (continued)

Authy is a 2FA application that can be downloaded to a mobile device/cell phone.

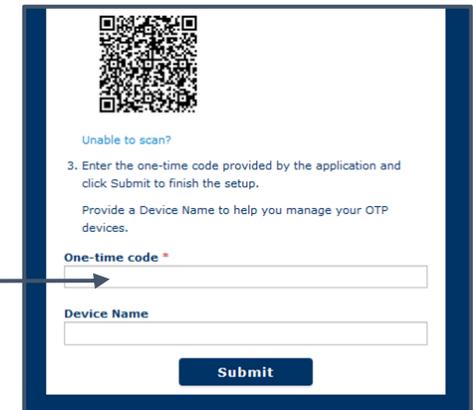
4. Type in "BC Registries" and tap "Search" or a magnifying glass - depends on your phone. Pick the BC Registries logo (monitor + laptop) and click "Continue".



5. Enter an account name, e.g., "BC Registry". Click "Save".



6. Type in the one-time 6-digit code into the BC Registry website in the "One-time code" field and click Submit.



Next time you log in:

You will need to enter a unique 6-digit code each time that you log in. Open the Authy app and use the code that appears next time you log in.

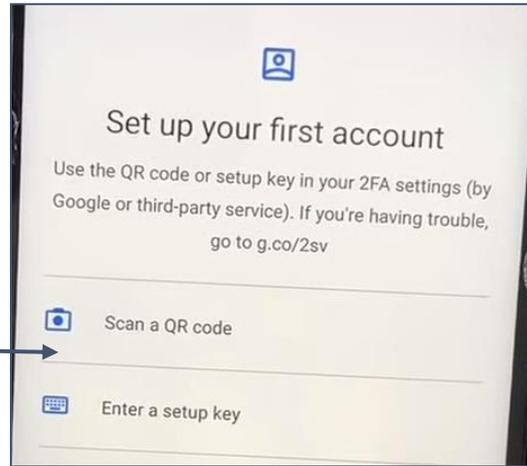
Mobile Device app: Google Authenticator

Authy is a 2FA application can be downloaded to a mobile device or cell phone.

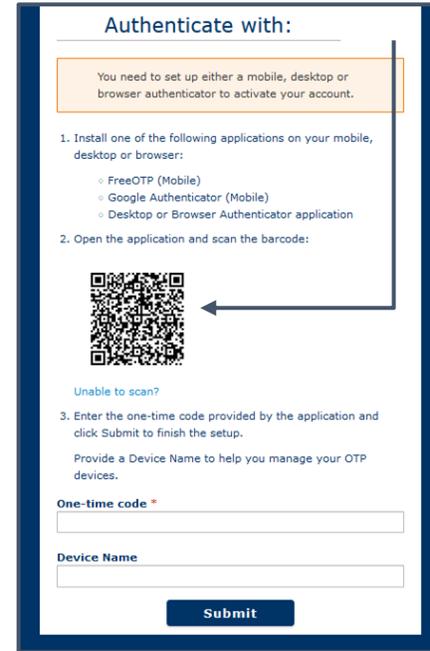
1. Search for "Google Authenticator" in the app store. Download the authenticator app and open the app. Click "Get started".



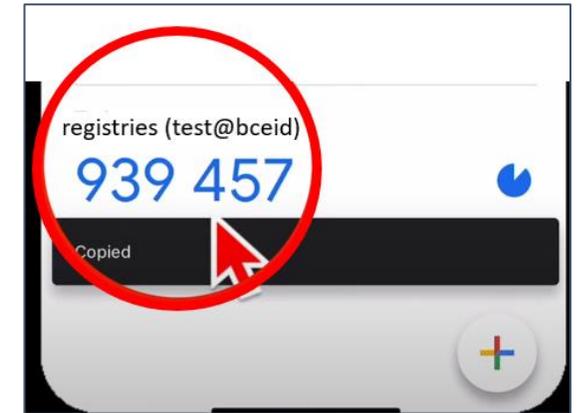
2. Click "Scan a QR Code".



3. Use your mobile device camera that appears to scan the QR barcode on the BC Registry site.



4. Type in the one-time 6-digit code into the BC Registry website in the "One-time code" field



The one-time code should not contain spaces

Download Links

Desktop:

- [GAuth authenticator](#)
- [Authenticator.cc](#)

Mobile

- [Duo Mobile](#) (go to Google Play and App Store)
- [Authy mobile](#) (go to Google Play and App Store)
- Google Authenticator
 - [Google play](#)
 - [App store](#)
- [Microsoft Authenticator](#)