

# Common issues and solutions

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## Common issues and solutions

### Common issues and solutions

Use this page when you are starting Conduit, signing in, waiting for authentication, or opening a route that depends on your authentication state.

| If you need to...                               | Go to                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------|
| Start the application and reach Home            | <a href="#">Set up the application and reach Home</a>                     |
| Sign in or create an account                    | <a href="#">Sign in or create an account</a>                              |
| Interpret Loading... or Connecting...           | <a href="#">Recognize loading and unavailable authentication</a>          |
| Understand why a route does not open            | <a href="#">Handle guarded routes and settings access</a>                 |
| Work through an authentication or setup problem | <a href="#">Troubleshoot authentication, setup, and settings problems</a> |

### Before you start

Have the following ready before you begin:

| What you need                    | Why it matters                                                                       |
|----------------------------------|--------------------------------------------------------------------------------------|
| Bun                              | Conduit requires Bun to run the setup and start commands.                            |
| The setup sequence               | Run <code>bun run setup</code> , then <code>bun run start</code> .                   |
| The correct authentication state | Settings requires authentication. Login and Register are for unauthenticated access. |

Keep the account details you need for the Login or Register form ready before you start.

On Settings, enter a new password only when you want to change it.

### Set up the application and reach Home

Home is the starting surface for the article feeds. The application loads it at `/`, where you can use **Your Feed** when authenticated or **Global Feed** otherwise.

## Prerequisites

- Have Bun installed.
- Have the project available locally.

## Steps

1. In a terminal, enter the command `bun run setup`.
2. Run `bun run start`.
3. Open `/`.
4. Select **Global Feed** to view the global feed.
5. Select **Your Feed** when you are authenticated and want the following feed.

**Result:** Home opens at `/` with the feed choices available according to your authentication state. You can now continue to Login or Register.

## Sign in or create an account

Login authenticates an existing account with **Email** and **Password**. Register creates an account with **Username**, **Email**, and **Password**.

Login requires **Email** and **Password**. Register requires **Username**, **Email**, and **Password**.

## Prerequisites

- Be unauthenticated.
- Have an account for Login, or be ready to create one with Register.

## Steps

1. Choose the route that matches what you need:

| If you need to...          | Open                   |
|----------------------------|------------------------|
| Access an existing account | <code>/login</code>    |
| Create an account          | <code>/register</code> |

2. Complete the fields for the route:

| Route     | Fields                        |
|-----------|-------------------------------|
| /login    | Email and Password            |
| /register | Username, Email, and Password |

3. Choose the account action that matches your route:

| If you need to...           | Select           |
|-----------------------------|------------------|
| Submit Login                | Sign in          |
| Submit Register             | Sign up          |
| Move from Login to Register | Need an account? |
| Move from Register to Login | Have an account? |

**Result:** A successful sign-in or registration navigates to /. Continue to [Recognize loading and unavailable authentication](#).

## Recognize loading and unavailable authentication

The header communicates whether Conduit is still checking authentication or is retrying after an unavailable authentication service.

| What you see                              | Meaning in the application flow                                |
|-------------------------------------------|----------------------------------------------------------------|
| Loading...                                | Authentication is loading.                                     |
| Connecting...                             | Authentication is unavailable and the application is retrying. |
| Auth unavailable - retrying automatically | The title on the retry status.                                 |

The authentication service treats a 4XX response while loading /user as invalid authentication and purges it. A 5XX or network error keeps the token and enters the unavailable state. Retry delays are 2, 4, 8, and then 16 seconds, with 16 seconds as the cap.

## Handle guarded routes and settings access

Settings is an authenticated route. Login and Register are routes for unauthenticated readers, so the application applies the opposite route condition to them.

## Prerequisites

- Know whether you are currently authenticated.
- Open `/settings` only when you are authenticated.

## Steps

1. Open `/settings`.
2. Choose the route that matches your authentication state:

| If you are...                              | Do this                                                      |
|--------------------------------------------|--------------------------------------------------------------|
| Unauthenticated                            | Open <code>/login</code> and complete the sign-in procedure. |
| Authenticated and managing account details | Select <b>Settings</b> .                                     |

**Result:** Authenticated access can continue to Settings; unauthenticated access to Settings is directed to `/login`.

## Troubleshoot authentication, setup, and settings problems

Use the message on screen to choose the next action. Authentication and Settings display

API error values in the error list.

## Prerequisites

- Have the Login, Register, or Settings screen open.
- Have the message you need to resolve visible on screen.

## Steps

1. Read the message shown on screen.
2. Choose the response that matches the message:

| If you see...              | Meaning                                                   | Do this                                       |
|----------------------------|-----------------------------------------------------------|-----------------------------------------------|
| <code>Loading...</code>    | The application has not finished checking authentication. | Wait until the authentication state resolves. |
| <code>Connecting...</code> | The authentication check is retrying.                     | Allow the retry state to continue.            |

| If you see...                                   | Meaning                                              | Do this                                                                                                                                                                                       |
|-------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auth unavailable -<br>retrying<br>automatically | The header reports<br>unavailable<br>authentication. | Check the authentication state again after<br>the retry.                                                                                                                                      |
| An API error value                              | The submitted request<br>returned an error<br>value. | Review the displayed value. Edit the<br>submitted fields to correct the displayed<br>problem. Select <b>Sign in</b> , <b>Sign up</b> , or<br><b>Update Settings</b> to submit the form again. |

The application retries unavailable authentication at 2, 4, 8, and 16-second intervals, then continues at the 16-second cap.

**Result:** The message remains available while the application is loading or retrying, or the form is ready for another submission after you correct the displayed problem.

## Continue with the related task

Continue with the page that owns the next action:

- [Sign in](#) for the Login procedure.
- [Create an account](#) for registration.
- [Authentication and loading messages](#) for the message reference.
- [Loading and unavailable states](#) for loading-state handling.
- [Update settings](#) for changing account details.
- [Sign out](#) for ending the authenticated session.
- [General error messages](#) for application error messages.
- [FAQ](#) for broader questions.