vaultwarden

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main Go to file Code

dani-garcia Redact query values in req... 82fc47e · 7 hours ago

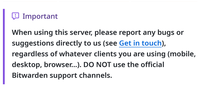
.github	Upgrade to Rocket v0....	last week
docker	Clippy fixes, crate and ...	2 days ago
macros	Update dependencies ...	2 weeks ago
migrations	Add revision_date to o...	last month
playwright	[web-v2026.7.1] 2FA u...	last month
resources	Update README (#51...	2 years ago
src	Redact query values i...	7 hours ago
tools	Misc Updates (#7027)	8 months ago
.dockerignore	fix: Correct invalid co...	2 months ago
.editorconfig	Misc changes.	5 years ago
.env.template	Add Fill Assist feature ...	10 hours ago
.gitattributes	Update Rust, Crates, ...	7 months ago
.gitignore	Rename included .env....	8 years ago
.hadolint.yaml	Container building ch...	3 years ago
.pre-commit-config.y...	Update dependencies ...	2 weeks ago
.typos.toml	Fix Host/IP resolving (...	7 months ago
Cargo.lock	Clippy fixes, crate and ...	2 days ago
Cargo.toml	Clippy fixes, crate and ...	2 days ago
Dockerfile	Container building ch...	3 years ago
LICENSE.txt	Re-License Vaultwarde...	3 years ago
README.md	Update crates and we...	7 months ago
SECURITY.md	chore: fix some comm...	2 years ago
build.rs	Switch to Edition 2024...	6 months ago
diesel.toml	Update Rust, Crates, ...	7 months ago
rust-toolchain.toml	Update dependencies ...	2 weeks ago
rustfmt.toml	Switch to Edition 2024...	6 months ago

README AGPL-3.0 license Security

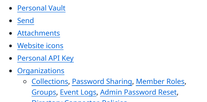


An alternative server implementation of the Bitwarden Client API, written in Rust and compatible with official Bitwarden clients [disclaimer], perfect for self-hosted deployment where running the official resource-heavy service might not be ideal.









> **Important**
>
> **When using this server, please report any bugs or suggestions directly to us (see Get in touch), regardless of whatever clients you are using (mobile, desktop, browser...). DO NOT use the official Bitwarden support channels.**

Features

A nearly complete implementation of the Bitwarden Client API is provided, including:

- Personal Vault
- Send
- Attachments
- Website icons
- Personal API Key
- Organizations
  - Collections, Password Sharing, Member Roles, Groups, Event Logs, Admin Password Reset, Directory Connector, Policies
- Multi/Two Factor Authentication
  - Authenticator, Email, FIDO2 WebAuthn, YubiKey, Duo
- Emergency Access
- Vaultwarden Admin Backend
- Modified Web Vault client (Bundled within our containers)

Usage

> **Important**
>
> The web-vault requires the use of HTTPS and a secure context for the Web Crypto API.
> That means it will only work if you enable HTTPS.
> We also suggest to use a reverse proxy.

The recommended way to install and use Vaultwarden is via our container images which are published to ghcr.io, docker.io and quay.io. See which container image to use for an explanation of the provided tags.

There are also community driven packages which can be used, but those might be lagging behind the latest version or might deviate in the way Vaultwarden is configured, as described in our Wiki.

Alternatively, you can also build Vaultwarden yourself.

While Vaultwarden is based upon the Rocket web framework which has built-in support for TLS our recommendation would be that you setup a reverse proxy (see proxy examples).

> **Tip**
>
> **For more detailed examples on how to install, use and configure Vaultwarden you can check our Wiki.**

Docker/Podman CLI

Pull the container image and mount a volume from the host for persistent storage.
You can replace `docker` with `podman` if you prefer to use podman.

```
docker pull vaultwarden/server:latest
docker run --detach --name vaultwarden \
  --env DOMAIN="https://vw.domain.tld" \
  --volume /vw-data/:/data/ \
  --restart unless-stopped \
  --publish 127.0.0.1:8000:80 \
  vaultwarden/server:latest
```

This will preserve any persistent data under `/vw-data/`, you can adapt the path to whatever suits you.

Docker Compose

To use Docker compose you need to create a `compose.yaml` which will hold the configuration to run the Vaultwarden container.

```
services:
  vaultwarden:
    image: vaultwarden/server:latest
    container_name: vaultwarden
    restart: unless-stopped
    environment:
      DOMAIN: "https://vw.domain.tld"
    volumes:
      - ./vw-data/:/data/
    ports:
      - 127.0.0.1:8000:80
```

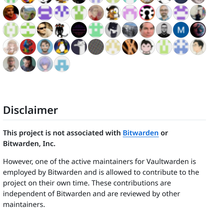
Get in touch

Have a question, suggestion or need help? Join our community on Matrix, GitHub Discussions or Discourse Forums.

Encountered a bug or crash? Please search our issue tracker and discussions to see if it's already been reported. If not, please start a new discussion or create a new issue. Ensure you're using the latest version of Vaultwarden and there aren't any similar issues open or closed!

Contributors

Thanks for your contribution to the project!



Disclaimer

This project is not associated with Bitwarden or Bitwarden, Inc.

However, one of the active maintainers for Vaultwarden is employed by Bitwarden and is allowed to contribute to the project on their own time. These contributions are independent of Bitwarden and are reviewed by other maintainers.

The maintainers work together to set the direction for the project, focusing on serving the self-hosting community, including individuals, families, and small organizations, while ensuring the project's sustainability.

Please note: We cannot be held liable for any data loss that may occur while using Vaultwarden. This includes

About

Unofficial Bitwarden compatible server written in Rust, formerly known as bitwarden_rs

bitwarden bitwarden-rs docker rocket rust vaultwarden

Readme
AGPL-3.0 license
Security policy
Activity
70.1k stars
313 watching
3.4k forks
Report repository

Releases 89

1.37.5 Latest
yesterday

+ 88 releases

Sponsor this project

dani-garcia Daniel G...

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Learn more about GitHub Sponsors

Used by 490

+ 489

Contributors 216

+ 202 contributors

Languages

Rust 82.9% Handlebars 9.6% TypeScript 5.3% Shell 0.7% Jinja 0.6% HCL 0.5% Other 0.4%

passwords, attachments, and other information handled by the application. We highly recommend performing regular backups of your files and database. However, should you experience data loss, we encourage you to contact us immediately.

Bitwarden_RS

This project was known as Bitwarden_RS and has been renamed to separate itself from the official Bitwarden server in the hopes of avoiding confusion and trademark/branding issues.
Please see #1642 - v1.21.0 release and project rename to Vaultwarden for more explanation.

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