

[master](#) ▾
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 ...

 James D. Elliott fix(oidc): jwt assertions aud overly strict (#7798) eefd06e · 3 hours ago		
 .buildkite	ci(buildkite): adjust integration tests pre-comma...	5 months ago
 .github	build(deps): bump github/codeql-action from 3.2...	3 days ago
 api	refactor: apply suggestions from code review	7 months ago
 cmd	docs: adjust adr add logic (#7451)	3 months ago
 docs	docs: use callouts (#7789)	20 hours ago
 examples	docs: update grafana dashboard examples (#77...	last week
 internal	fix(oidc): jwt assertions aud overly strict (#7798)	3 hours ago
 web	build(deps): update dependency happy-dom to ...	4 hours ago
 .all-contributorsrc	docs: add m-georgi as a contributor for doc (#77...	last week
 .codecov.yml	ci(codecov): add thresholds for flaky tests (#4104)	2 years ago
 .dockerignore	fix(docker): fix bootstrap and dev docker image ...	2 years ago
 .editorconfig	refactor: apply suggestions from code review	7 months ago
 .gitattributes	fix(notification): text emails not encoded properl...	2 years ago
 .gitignore	test: fix cert testing (#5982)	last year
 .golangci.yml	build(ci): fix godot config (#7167)	5 months ago
 .healthcheck.env	refactor: configuration agnostic healthcheck (#2...	3 years ago
 .pre-commit-config.yaml	build: apply step security recommendations (#7...	2 months ago
 .renovaterc	ci(renovate): remove pre-1.0.0 auto merge exclu...	last year
 .reviewdog.yml	ci: add yamllint (#1895)	3 years ago
 .yamllint.yml	fix: email template ux (#7654)	2 weeks ago
 CODE_OF_CONDUCT.md	docs: add code of conduct (#2214)	3 years ago
 CONTRIBUTING.md	docs: remove dco (#5868)	last year
 Dockerfile	build(deps): update alpine docker tag to v3.20.2 ...	2 months ago
 Dockerfile.coverage	build(deps): update node:22-alpine docker diges...	last week
 Dockerfile.coverage.dockerignore	build: include rc.d service script (#6996)	6 months ago

 Dockerfile.dev	build(deps): update node:22-alpine docker diges...	last week
 Dockerfile.dev.dockerignore	build: include rc.d service script (#6996)	6 months ago
 LICENSE	Change license from MIT to Apache 2.0.	5 years ago
 README.md	docs: add m-georgi as a contributor for doc (#77...	last week
 SECURITY.md	docs: misc improvements (#5092)	last year
 authelia-fb-rc.d	build: include rc.d service script (#6996)	6 months ago
 authelia.service	feat: add systemd security hardening (#6480)	6 months ago
 authelia@.service	feat: add systemd security hardening (#6480)	6 months ago
 bootstrap.sh	fix(docker): fix bootstrap and dev docker image ...	2 years ago
 config.template.yml	docs: refactor config template (#7641)	last month
 crowdin.yml	feat(authentication): suport Idap over unix socke...	last year
 entrypoint.sh	build: allow users to set the umask easily (#5407)	last year
 go.mod	fix(oidc): jwt assertions aud overly strict (#7798)	3 hours ago
 go.sum	fix(oidc): jwt assertions aud overly strict (#7798)	3 hours ago
 healthcheck.sh	fix: healthcheck always exit 0 (#2250)	3 years ago

 [README](#)  [Code of conduct](#)  [Apache-2.0 license](#)  [Security](#)



 build  passing  opensef best practices  passing  go report  A+  release  v4.38.10  version  21.8 MB  pulls  55M

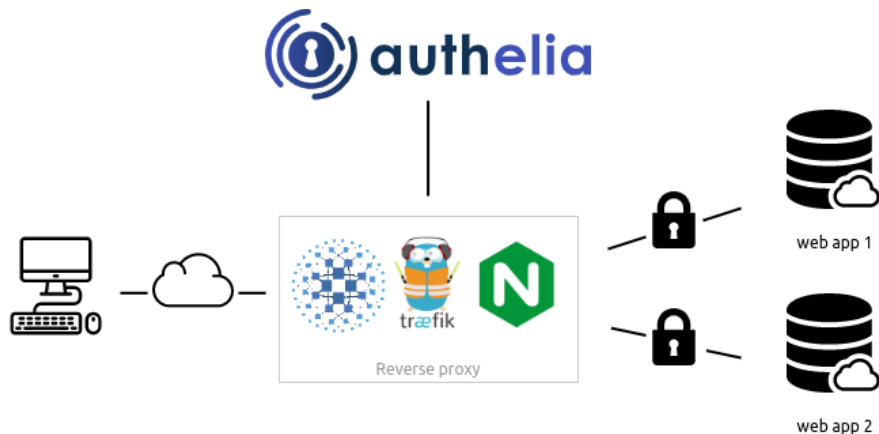
 authelia  v4.38.10-1  authelia-bin  v4.38.10-1  authelia-git  v4.38.10.r0.gb7d5e3ff2-1  license  Apache-2.0  financial contributors  73  discord  262 online

 matrix  2273 users

Authelia is an open-source authentication and authorization server providing two-factor authentication and single sign-on (SSO) for your applications via a web portal. It acts as a companion for [reverse proxies](#) by allowing, denying, or redirecting requests.

Documentation is available at <https://www.authelia.com/>.

The following is a simple diagram of the architecture:

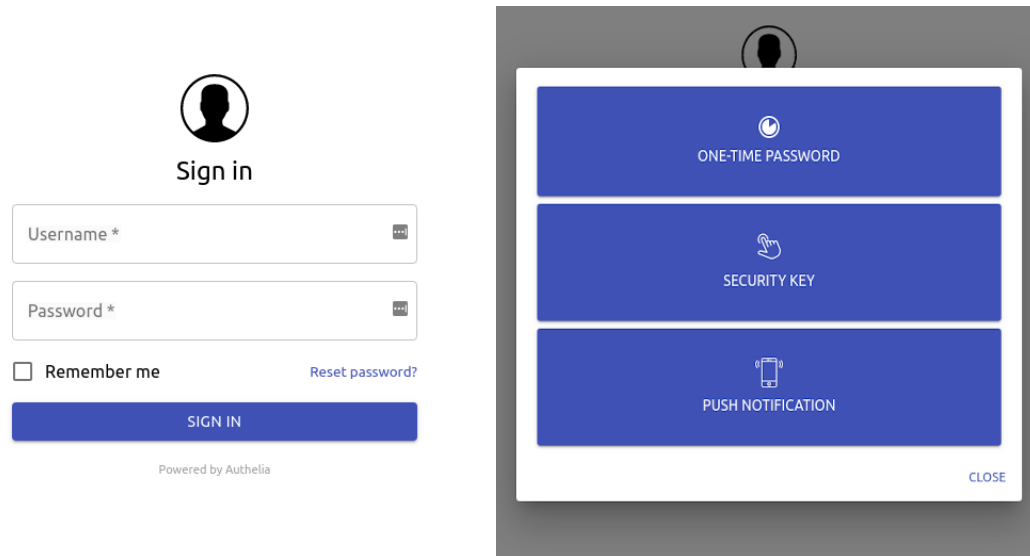


Authelia can be installed as a standalone service from the [AUR](#), [APT](#), [FreeBSD Ports](#), or using a [static binary](#), .deb package, as a container on [Docker](#) or [Kubernetes](#).

Deployment can be orchestrated via the Helm [Chart](#) (beta) leveraging ingress controllers and ingress configurations.



Here is what Authelia's portal looks like:



Features summary

This is a list of the key features of Authelia:

- Several second factor methods:
 - [Security Keys](#) that support [FIDO2](#) [WebAuthn](#) with devices like a [YubiKey](#).
 - [Time-based One-Time password](#) with compatible authenticator applications.
 - [Mobile Push Notifications](#) with [Duo](#).
- Password reset with identity verification using email confirmation.
- Access restriction after too many invalid authentication attempts.
- Fine-grained access control using rules which match criteria like subdomain, user, user group membership, request uri, request method, and network.
- Choice between one-factor and two-factor policies per-rule.
- Support of basic authentication for endpoints protected by the one-factor policy.
- Highly available using a remote database and Redis as a highly available KV store.
- Compatible with [Traefik](#) out of the box using the [ForwardAuth](#) middleware.
- Curated configuration from [LinuxServer](#) via their [SWAG](#) container as well as a [guide](#).
- Compatible with [Caddy](#) using the [forward_auth](#) directive.
- Kubernetes Support:
 - Compatible with several Kubernetes ingress controllers:
 - [ingress-nginx](#)
 - [Traefik Kubernetes CRD](#)
 - [Traefik Kubernetes Ingress](#)
 - [Istio](#)
 - Beta support for installing via Helm using our [Charts](#).
- Beta support for [OAuth 2.0 and OpenID Connect 1.0](#).

For more details take a look at the [Overview](#).

If you want to know more about the roadmap, follow [Roadmap](#).

Proxy support

Authelia works in combination with [nginx](#), [Traefik](#), [Caddy](#), [Skipper](#), [Envoy](#), or [HAProxy](#).



Getting Started

See the [Get Started Guide](#) or one of the curated examples below.

docker-compose

The `docker-compose` bundles act as a starting point for anyone wanting to see Authelia in action. You will have to customize them to your needs as they come with self-signed certificates.

Local

The Local compose bundle is intended to test Authelia without worrying about configuration. It's meant to be used for scenarios where the server is not be exposed to the internet. Domains will be defined in the local hosts file and self-signed certificates will be utilised.

Lite

The Lite compose bundle is intended for scenarios where the server will be exposed to the internet, domains and DNS will need to be setup accordingly and certificates will be generated through LetsEncrypt. The Lite element refers to minimal external dependencies; File based user storage, SQLite based configuration storage. In this configuration, the service will not scale well.

Deployment

Now that you have tested **Authelia** and you want to try it out in your own infrastructure, you can learn how to deploy and use it with [Deployment](#). This guide will show you how to deploy it on bare metal as well as on [Kubernetes](#).

Security

Authelia takes security very seriously. If you discover a vulnerability in Authelia, please see our [Security Policy](#).

For more information about [security](#) related matters, please read [the documentation](#).

Contact Options

Several contact options exist for our community, the primary one being [Matrix](#). These are in addition to [GitHub issues](#) for creating a [new issue](#).

Matrix

Community members are invited to join the [Matrix Space](#) which includes both the [Support Room](#) and the [Contributing Room](#).

- The core team members are identified as administrators in the Space and individual Rooms.
- All channels are linked to [Discord](#).

Discord

Community members are invited to join the [Discord Server](#).

- The core team members are identified by the **CORE TEAM** role in Discord.
- The [#support](#) and [#contributing](#) channels are linked to [Matrix](#).

Email

You can contact the core team by email via team@authelia.com. Please note the security@authelia.com is also available but is strictly reserved for [security](#) related matters.

Breaking changes

Since Authelia is still under active development, it is subject to breaking changes. It's recommended to pin a version tag instead of using the `latest` tag and reading the [release notes](#) before upgrading. This is where you will find information about breaking changes and what you should do to overcome said changes.

Why Open Source?

You might wonder why Authelia is open source while it adds a great deal of security and user experience to your infrastructure at zero cost. It is open source because we firmly believe that security should be available for all to benefit in the face of the battlefield which is the Internet, with near zero effort.

Additionally, keeping the code open source is a way to leave it auditable by anyone who is willing to contribute. This way, you can be confident that the product remains secure and does not act maliciously.

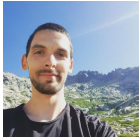
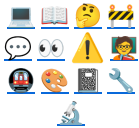
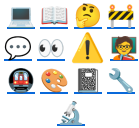
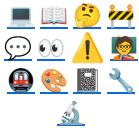
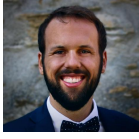
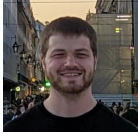
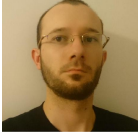
It's important to keep in mind Authelia is not directly exposed on the Internet (your reverse proxies are) however, it's still the control plane for your internal security so take care of it!

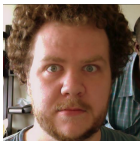
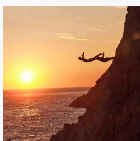
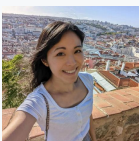
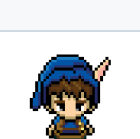
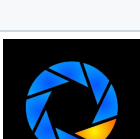
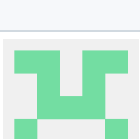
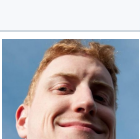
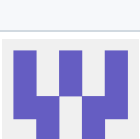
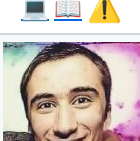
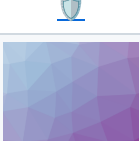
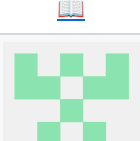
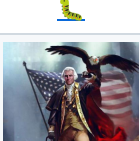
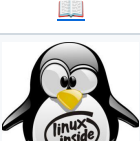
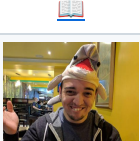
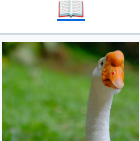
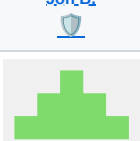
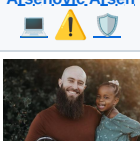
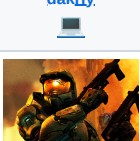
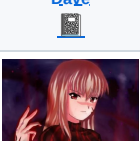
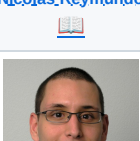
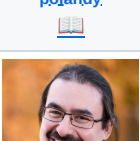
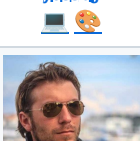
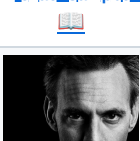
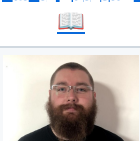
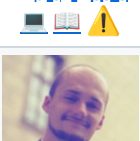
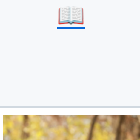
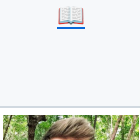
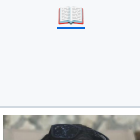
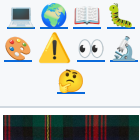
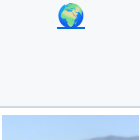
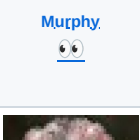
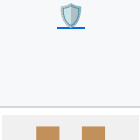
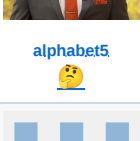
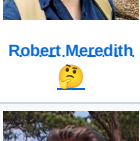
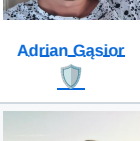
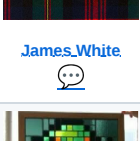
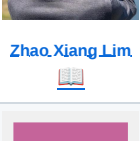
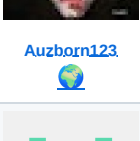
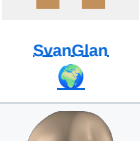
Contribute

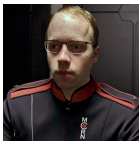
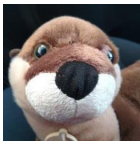
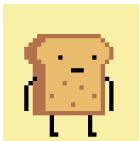
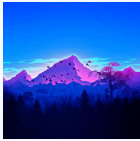
If you want to contribute to Authelia, please read our [contribution guidelines](#).

Authelia exists thanks to all the people who contribute so don't be shy, come chat with us on either [Matrix](#) or [Discord](#) and start contributing too.

Thanks goes to these wonderful people ([emoji key](#)):

 Clément Michaud 	 Amir Zarrinkafsh 	 James Elliott 	 Antoine Favre 	 BankaiNoJutsu 	 Philipp Rintz 	 Callan Bryant 
 Ian 	 FrozenDragon 	 vdot0x23 	 alexw1982 	 Sohalt 	 Stoica Tedy 	 Dylan Smith 
 Lukas Klass 	 Philipp Staiger 	 James Hodgkinson 	 Chris Smith 	 Mihály 	 Silver Bullet 	 Paul Williams 
 Timo 	 Andrew Kliskey 	 Kristof Mattei 	 ZMiguel Valdivieso 	 akusei 	 Daniel Miller 	 Dustin Sweigart 

 Shawn.Haggard  	 Keyyn.Bruyere 	 Daniel.Sutton 	 Valentin.Höbel 	 thehedgefrog 	 Victor 	 Chris.Whisker 
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 ThjnkChaos   	 Hasan 	 David.Chidell 	 Marcel.Marquardt 	 Ian.Gallagher 	 Wu.Han 	 Jayih 
 Jon.B. 	 Alex.Gustafsson  	 Arsenović.Arsen   	 dakryi 	 Daye 	 Nicolas.Reymundo 	 polandy 
 yossbg  	 Michael.Campbell 	 Justin.Sievenpiper 	 Aram.Akhayan 	 Shadow 	 Patrick.Ruckstuhl 	 Andrew.Moore   
 Dennis.Gaida 	 Alestrix 	 bgh-github 	 Manuel.Nuñez    	 protvis74 	 Jamie.(Beat) Murphy 	 Robin.van.Boven 
 alphabet5 	 Robert.Meredith 	 Adrian.Găsior 	 James.White 	 Zhao.Xiang.Lim 	 Auzborn123 	 SvanGlan 
 Hannes.Jo0139 	 andreas.berg 	 Clément.Radenac 	 boomam 	 Northguy 	 Brennan.Kinney 	 Michał.Mieszczak  

 PaulLoh 	 Stephen_Kent 	 Ohelig 	 Dinh_Bao_Dang 	 Ievkoburburas 	 tiuub 	 Josh_Gordon 
 silafrancisco 	 Ricardo_Pesequeira 	 Harold 	 Brynn_Crowley 	 Budiman_Jojo 	 Hendrik_Sievers 	 Marcus_Georgi 

This project follows the [all-contributors](#) specification. Contributions of any kind welcome!

Sponsors

Help Wanted: We are actively looking for sponsorship to obtain either a code security audit, penetration testing, or other audits related to improving the security of Authelia.

Any company can become a sponsor by donating or providing any benefit to the project or the team helping improve Authelia.

Balto

Thank you to [balto Balto](#) for hosting our apt repository.

JetBrains

Thank you to  [JetBrains](#) for providing us with free licenses to their great tools.

-  [IDEA](#)
-  [GoLand](#)
-  [WebStorm](#)

Microsoft

Our pipeline agents which we rely on for productivity are hosted on [Azure](#) and our [git repositories](#) are hosted on [GitHub](#) which are both [Microsoft](#) products.



Open Collective

Backers

Thank you to all our backers! 🙌 [Become a backer](#) and help us sustain our community. The money we currently receive is dedicated to bootstrap a bug bounty program to give us as many eyes as we can to detect potential vulnerabilities.

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Authelia is licensed under the [Apache 2.0](#) license. The terms of the license are detailed in [LICENSE](#).

authelia eefd06e81b

FOSSA

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Apache-2.0 - 63%

MIT - 25%

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DEEP IMPACT STATS

+ 1331 Deep Dependencies

+ 7 Obligations from 16 Licenses

Releases 136

v4.38.10

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last month

+ 135 releases

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