

Retex : mise en place d'une solution opensource OpenVPN avec l'authentification multifacteur 2FA

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CNRS : CINA

OPENVPN

- Privacy IDEA (opensource)
 - **LDAP/AD +OTP**
 - **privacyIDEA Authenticator** : Play store, Apple Store
 - **Mode déconnecté**
- OPNsense/pfSense (FreeBSD)
Serveur OpenVPN
- Client : openvpn connect
 - Windows, macOS, Linux, iOS, Android

<https://openvpn.net/client/>

Openvpn sous:

OPNsense
pfSense



OPNsense®
Securing networks made easy

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Key Highlights of OPNsense® 25.1 'Ultimate Unicorn'

- New corporate identity
- Official dark theme
- Performance improvements
- Enhanced security zones
- Snapshots for easy recovery
- Added API's for HA & turnables

[Read more](#)



PRIVACY IDEA

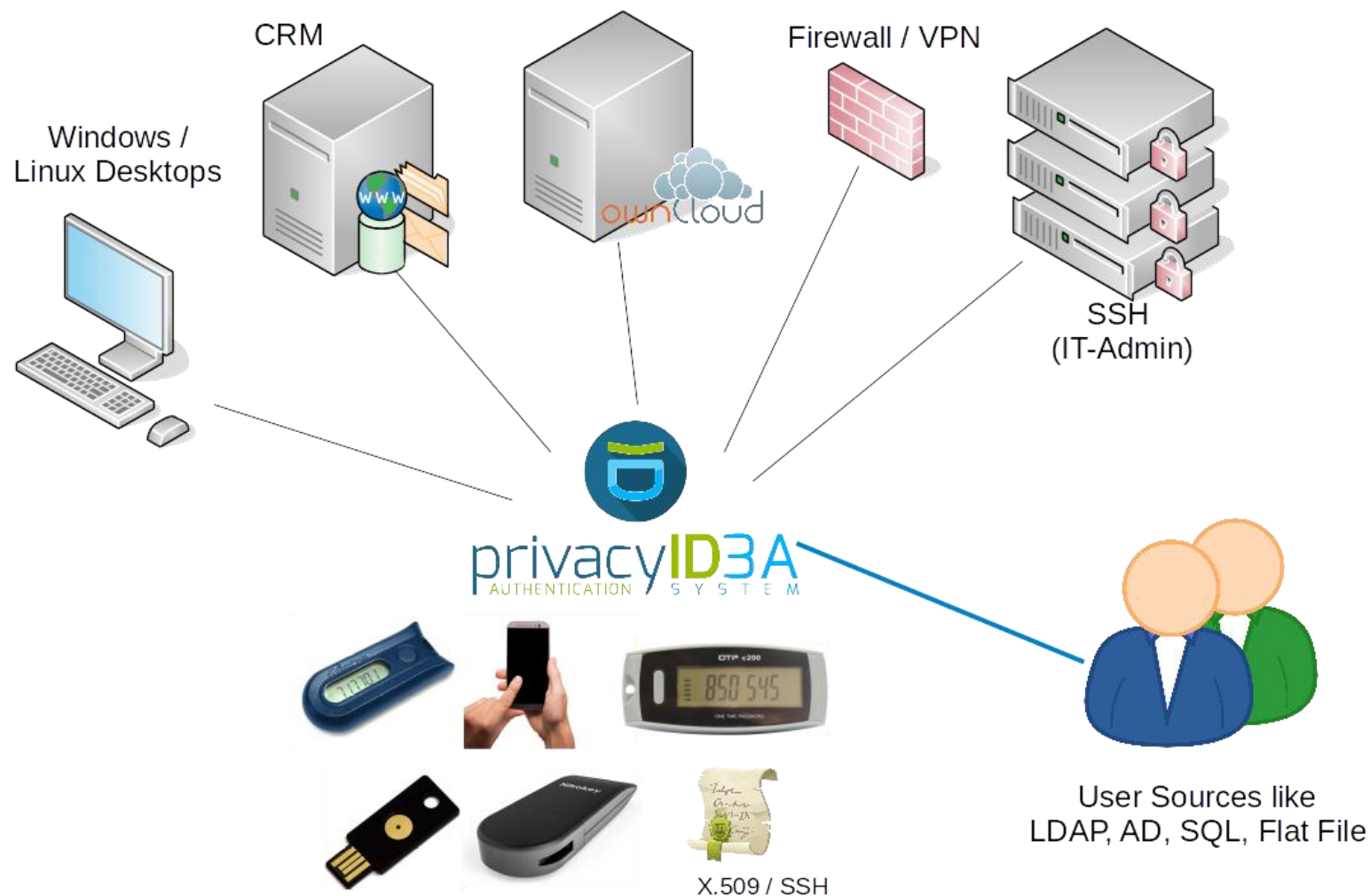
<https://www.privacyidea.org/>

Open Source Multi Factor
Authentication (2FA)

Installation Local

Applications : (jusqu'au 2024)
<https://www.privacyidea.org/applications/>

perspective : Keycloak



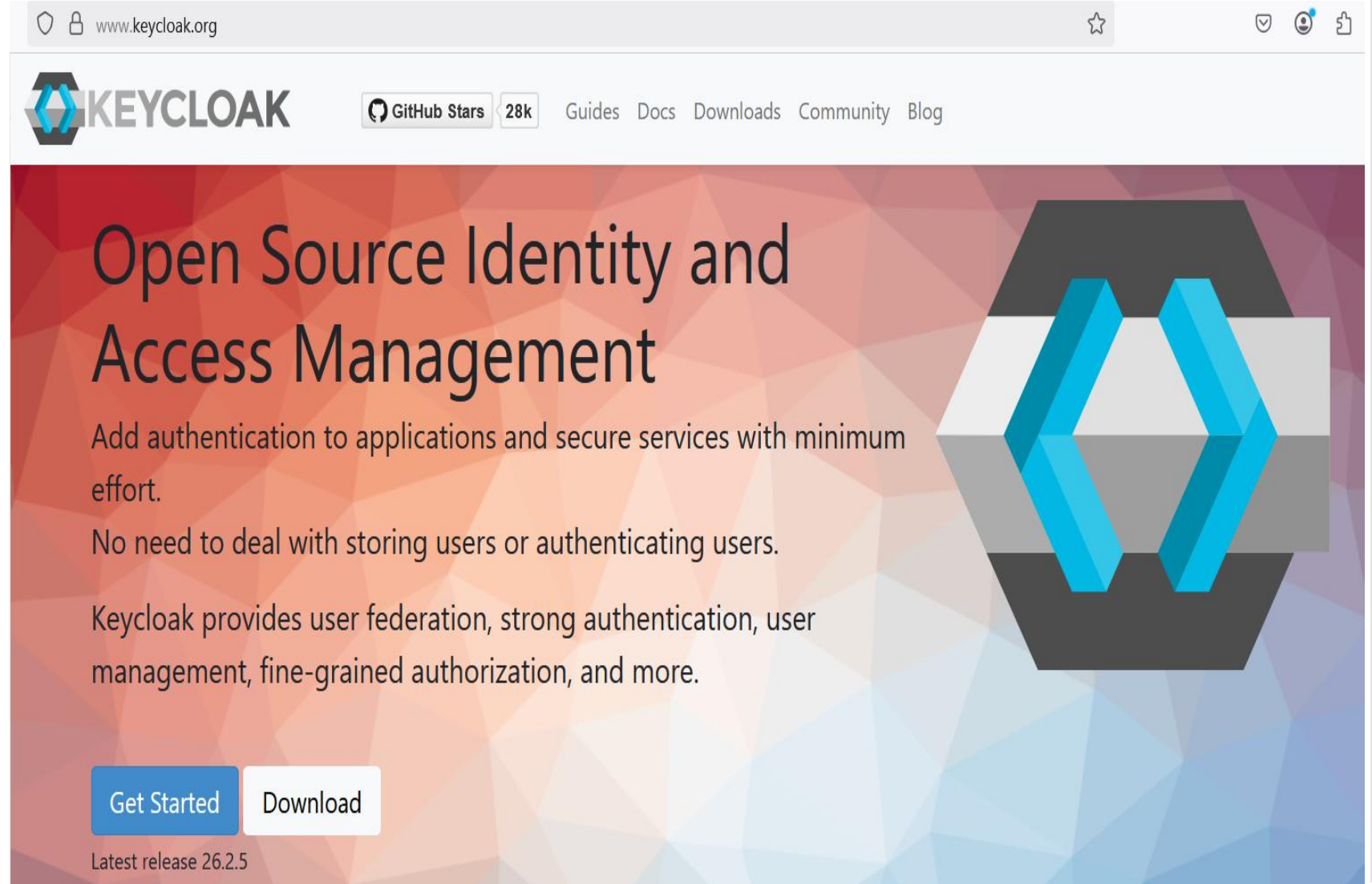
<https://github.com/privacyidea/privacyidea>

KEYCLOAK

est principalement utilisé pour réaliser l'authentification des utilisateurs pour des applications tiers via les protocoles OpenID Connect, OAuth 2.0 et SAML.

PRIVACYIDEA : Provider

<https://github.com/privacyidea/keycloak-provider>



The screenshot shows the Keycloak website homepage. The browser address bar displays 'www.keycloak.org'. The website header features the Keycloak logo, a GitHub Stars badge showing '28k', and navigation links for 'Guides', 'Docs', 'Downloads', 'Community', and 'Blog'. The main content area has a red and orange geometric background. It features the title 'Open Source Identity and Access Management' in large black text. Below the title, there are three lines of text: 'Add authentication to applications and secure services with minimum effort.', 'No need to deal with storing users or authenticating users.', and 'Keycloak provides user federation, strong authentication, user management, fine-grained authorization, and more.' To the right of this text is a large, stylized blue and white hexagonal logo. At the bottom left, there are two buttons: 'Get Started' (blue) and 'Download' (white). Below these buttons, it says 'Latest release 26.2.5'.

www.keycloak.org

KEYCLOAK GitHub Stars 28k Guides Docs Downloads Community Blog

Open Source Identity and Access Management

Add authentication to applications and secure services with minimum effort.

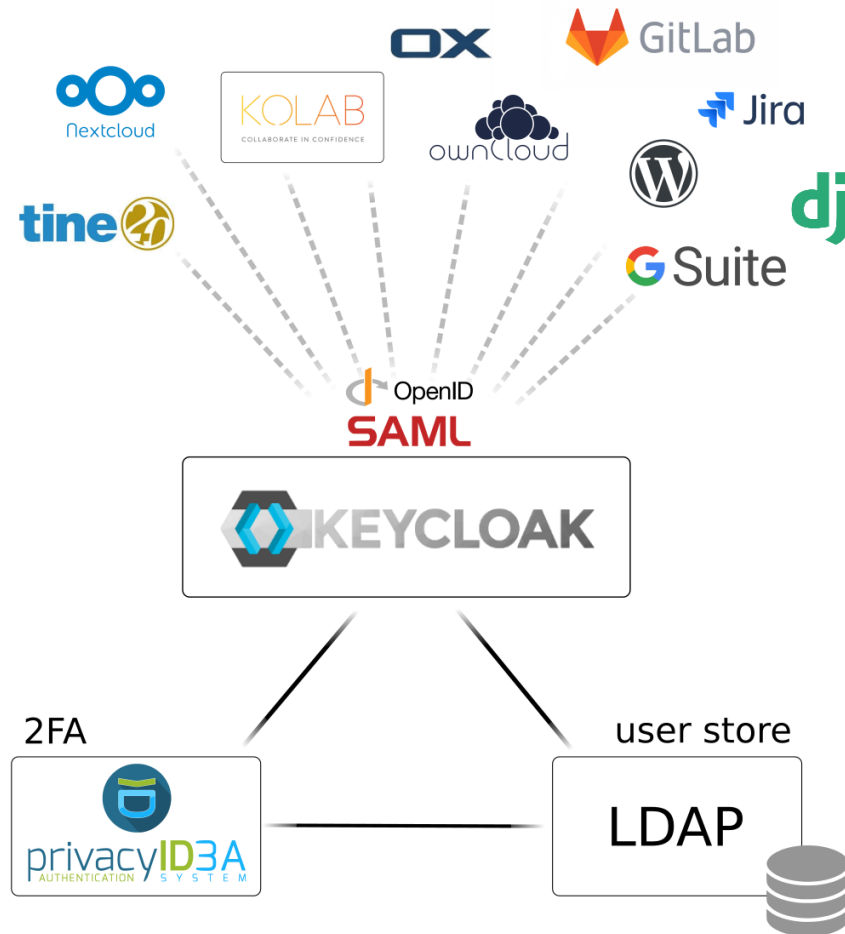
No need to deal with storing users or authenticating users.

Keycloak provides user federation, strong authentication, user management, fine-grained authorization, and more.

[Get Started](#) [Download](#)

Latest release 26.2.5

Perspective



<https://www.privacyidea.org/versatile-2fa-single-sign-on-with-keycloak-and-privacyidea/>