General documentation on our SSO system

Single Sign-On (SSO) is a technology that allows users to log in once and access multiple applications without the need to log in again. Keycloak is the SSO system offered by our company that provides managed hosting services. It simplifies the authentication process and enhances the user experience.

SSO with Keycloak - features

At Cloud68.co we use Keycloak, an well established open source platform, for user authentication. This is very helpful when you have more than one instance with us. Below are the main features of our SSO solution with Keycloak:

- Centralized Authentication: Keycloak provides centralized authentication for the majority (but not all) of the applications and services listed here. Once the user logs in to Keycloak, they can access all the applications and services without the need to log in again.
- Multiple Authentication Methods: Keycloak supports multiple authentication methods, including username and password, two-factor authentication, and SAML-based authentication.
- User Provisioning: Keycloak supports user provisioning, which allows users to be added, modified, or removed from one or all your instances managed with us. You can do this yourself or open a support ticket so that we handle it.
- Role-Based Access Control: Keycloak supports role-based access control, which allows access to be granted based on the user's role in the organization.

Benefits of using Keycloak for your SSO needs

- Improved Security: a higher level of security is achieved with this approach, as users only need to remember one set of login credentials, reducing the risk of weak passwords and password reuse.
- Support two factor authentication (2fa) when it is not possible. Example: BigBlueButton does not support 2FA, but this can be implemented through Keyloak.
- Simplified User Experience: our SSO system simplifies the user experience by providing a single login for all applications and services, reducing the need for users to remember multiple usernames and passwords.
- Increased Productivity: your team can increase productivity by reducing the time it takes for users to log in to multiple applications and services.

Getting SSO for your infrastructure

Our SSO solution is available free of charge for all users that have at least three (3) managed hosting software (instances) on an active billing cycle.If you need less than three instances, the cost for the Managed Hosting Keycloak instance is 9Eur/month.

Keep in mind that not all platforms available on our website from this page support Keycloak and/or SSO for authentication.

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