

## Support Third party OIDC On our platform

Currently the Recobo system can only validate the token issued by Keycloak which may lead to an issue while we start to integrate our system with a third party platform.

Like providing a chat-board to some web application and need to authenticate users to communicate through chatboard with their own OIDC token.

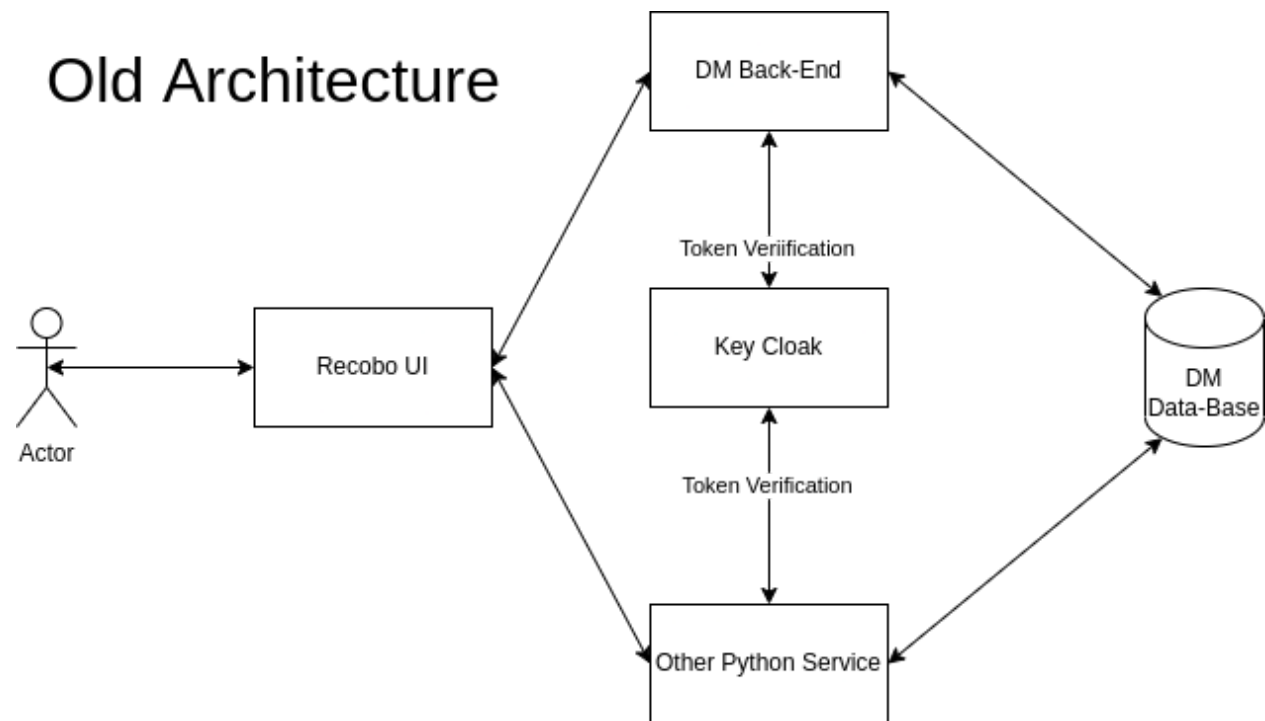
### Advantages:

- We can integrate our API to third party web applications with user identification.

### Current Integration:

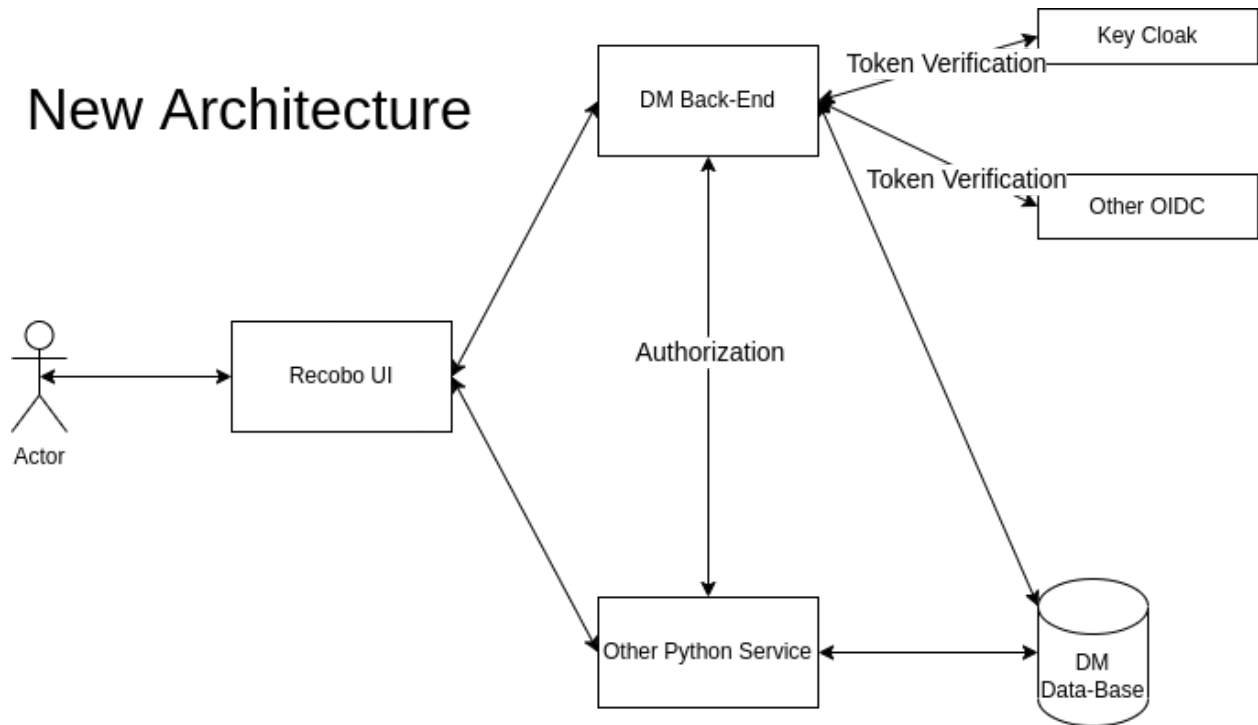
- Current integration is done based on technical user token where we can't identify individual user how requesting.
- Like: we can't maintain communication history for chat-boards.

### Current Architecture:



## New Architecture:

# New Architecture



## Expected changes:

- We need to modify the token validation portion in DMS.
- We need to move all the authorization parts to the DMS and expose the API to authorize the token and get user information.

## Affected application:

- DMS application(meior changes)
- All python application(minor changes)
- Chatbot library

## DB changes:

- Need table for realm wise well known url to get public key to verify the token and other useful information from OIDC provider

## Process to enable new OIDC provider in RECOBO:

- If any customer/client wants to integrate RECOBO API then they need to provide OIDC well-known configuration endpoints to RECOBO.
- We will add this endpoint in the database and restart the application. No other code changes will be needed.

**Requirements:**

- Client application must support OAuth 2.0/OIDC standard
- SAML is not supported
- Client need to to do email domain configuration using RECOBO UI for user onboarding in RECOBO
- To auto onboarding of user, client/customer need to call auto register API first