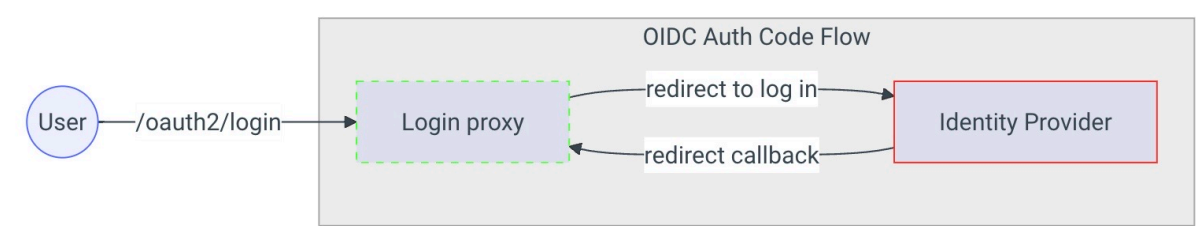


Installing Wonderwall in your own namespace.

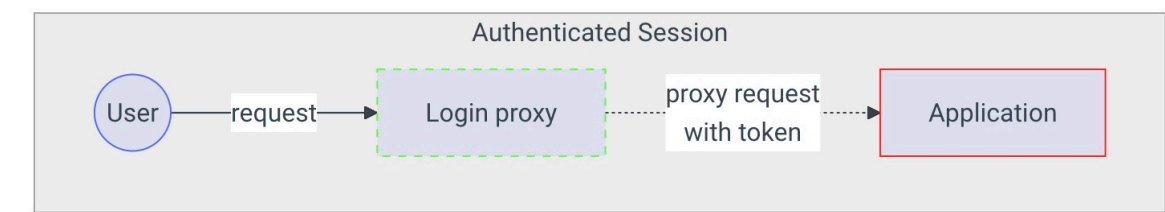
Background

The NAIS platform simplifies the installation of a [login proxy](#) as a sidecar to applications requiring user authentication in either [ID-Porten](#) or [Entra ID](#) (aka. Azure AD). This is done declaratively through entries in the NAIS manifest. With the required configuration in place, NAIS performs a pre-registration of the application with the ID provider (IDP). The client ID and JWK (among other things) are set as environment variables, allowing the application to use these to securely authenticate with the IDP in order to request tokens.

The proxy can be configured to pass unauthenticated requests straight through, only kicking in if special endpoints for login (`/oauth2/login`) or logout (`/oauth2/logout`) are accessed, or to ensure that **all** requests are authenticated. It is the latter configuration mode we are interested in here. Correctly configured, the login proxy intercepts all calls to the actual application, ensuring that the user is authenticated, forcing a login sequence using the OIDC Authorization Code Flow if not.



After this flow is complete, a cookie is set in the browser, and this cookie is used as a key to look up the token from the session in subsequent requests, passing it on in an Authorization header. The session information is typically held in Redis, which needs to be enabled for the login proxy.



Since there is no platform support (yet) in NAIS for [HelseID](#) some more work is required:

Manually register the application with the HelseID self-service application

Note that access to this [application](#) is limited to pre-registered users in the Nav organization. It is probably best to keep it this way until we see the extent of delegated access required. An [API](#) for automation does indeed exist. The required [scopes](#) must also be registered at this point.

Download a file containing the Client JWK and the Client ID

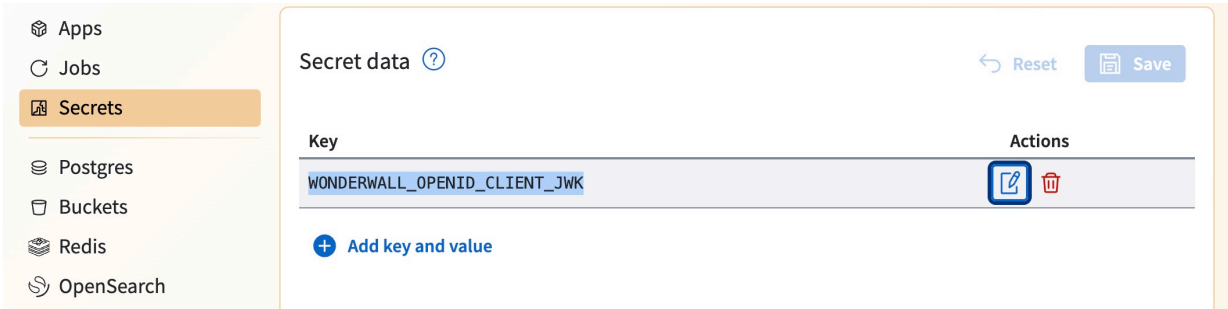
Same comment as above.

Open/decrypt the file using the password sent by SMS.

Same comment as above

Register the JWK as a secret using the NAIS [console](#) for your team.

(Here we assume that whoever performed the client registration manually has transferred the file to you by secure means)



The name of the secret can be anything, but the name of the key must be exactly as above. Remember/write down the secret name and the client id. You may have to reformat the JWK to be a valid JSON. You may have to add the following key to the JWK, it is not a required field, but Wonderwall still requires in (may be fixed in later versions)

BAT



```
kubectl -f wonderwall.yml apply
```

But you should probably create a Github action for this.

Deploy your upstream app the usual way

Note that the standard zero trust rules apply, you must allow the Wonderwall instance to be an inbound application.

Hit your your Wonderwall instance with a path accepted by the upstream app.

You will then be forced to authenticate, then profit.

