Topic #1

TeeShop0

Current situation

Use Case	B2C/B2B2C
Users	100k MAU
Authentication	Self-build Username/Password stored plain text in DB, own DB per store (10 stores), copy of whole env for store-as-a-service

TeeShop0 is a shop for selling custom tees (t-shirts). Customers can choose from existing designs or upload their own. TeeShop0 also provides shop-as-a-services for business customers.

Users are authenticated with a self-build solution, which does not support modern authentication, like biometric or social authentication. Passwords are stored in plaintext in DB and users are not required to set up a minimum password length.

If a business wants to have shop-as-a-service, TeeShop0 duplicates the whole environment for the business partner.

TeeShop0 does have 10 different shops for different use cases, SSO is not supported at the moment. Every user needs to create a new account for every shop.

Desired situation

TeeShop0 spends too much time in updating and managing their existing solution. Cloning the whole authentication solution for every new shop needs to be stopped. TeeShop0 wants to have a central userstore and SSO between all shops to enhance the UX. Additionally to SSO TeeShop0 wants to enhance UX by enabling Social Authentication with Facebook, Google and Apple as well as optional biometric authentication.

Adding new security features is of high priority, this includes password-rules, bot detection and a way to secure authentication against credential stuffing attacks.

okta