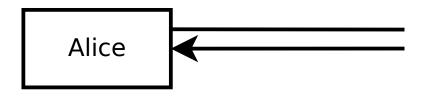
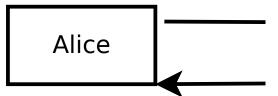
PBKDF2(wachtwoord),andere informatie

- 1. Aanmaken shared secret.
- **1** 2. Aanmaken ID.



Inloggen

- 1. Ingeven van ID en wachtwoord
- 2. PBKDF2(wachtwoord).



- . Foto maken van QR-code
- :. response = TOTP(shared sercret,challenge XOI

Transactie uitvoeren

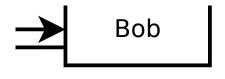
Terug sturen van shared secret en ID. Shared secret in de vorm van QR-code. ID in een pdf.

PBKDF(wachtwoord),ID

QR-code met 8 random bytes (challenge).

R UT)

8 digit response

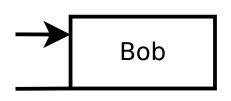


3. pw = bcrypt(PBKDF2(wacht))

4. Ess = E(PBKDF2(wachtwoord

5. Oplaan in databank:

pw, Ess, andere informatie.



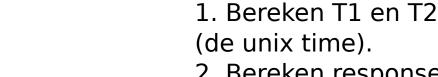
1. b = bcrypt(PBKDF2(wachtw

2. b' = wachtwoord in databas

3. controleren of b=b'.

4. decrypteren van shared sec

5. 8 random bytes maken en ε



2. Bereken response R1 en R2

R1 = TOTP(shared secret, chal)

R2 = TOTP(shared secret, chal

3. Controleren response.