

# Two-factor authentication

➡ Use a mobile phone or email to provide a one-time password

There are two standards

- HOTP (HMAC-based one-time password)
- TOTP (Time-based one-time password)

# YubiKeys



Hardware device (USB and/or Bluetooth) to provide authentication

- Support one-time pad (HOTP or TOTP)
- Support digital signature (OpenPGP and PKCS#11)
- Compatible with WebAuthn