

Single-Sign-On (SSO)

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- **OpenID**
- **SAML** (a.k.a Shibboleth)
- **OAuth**
- **Mozilla Persona**

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2005

2010

2011

among others . . .



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OAuth 2

(Standard) RFC 6749

1. The backend **redirects the user to the third-party login-page**
 2. Third-party **asks and verify the login/password** based on the third-party user information
 3. Third party **redirects the user back to the application** with a OAuth token and verifier in the url
 4. Backend **verifies the token** with third party
 5. Backend **starts a session**
- ➔ User's login/password never transit by the application frontend nor backend