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Real World Single Sign-on mit ADF Faces

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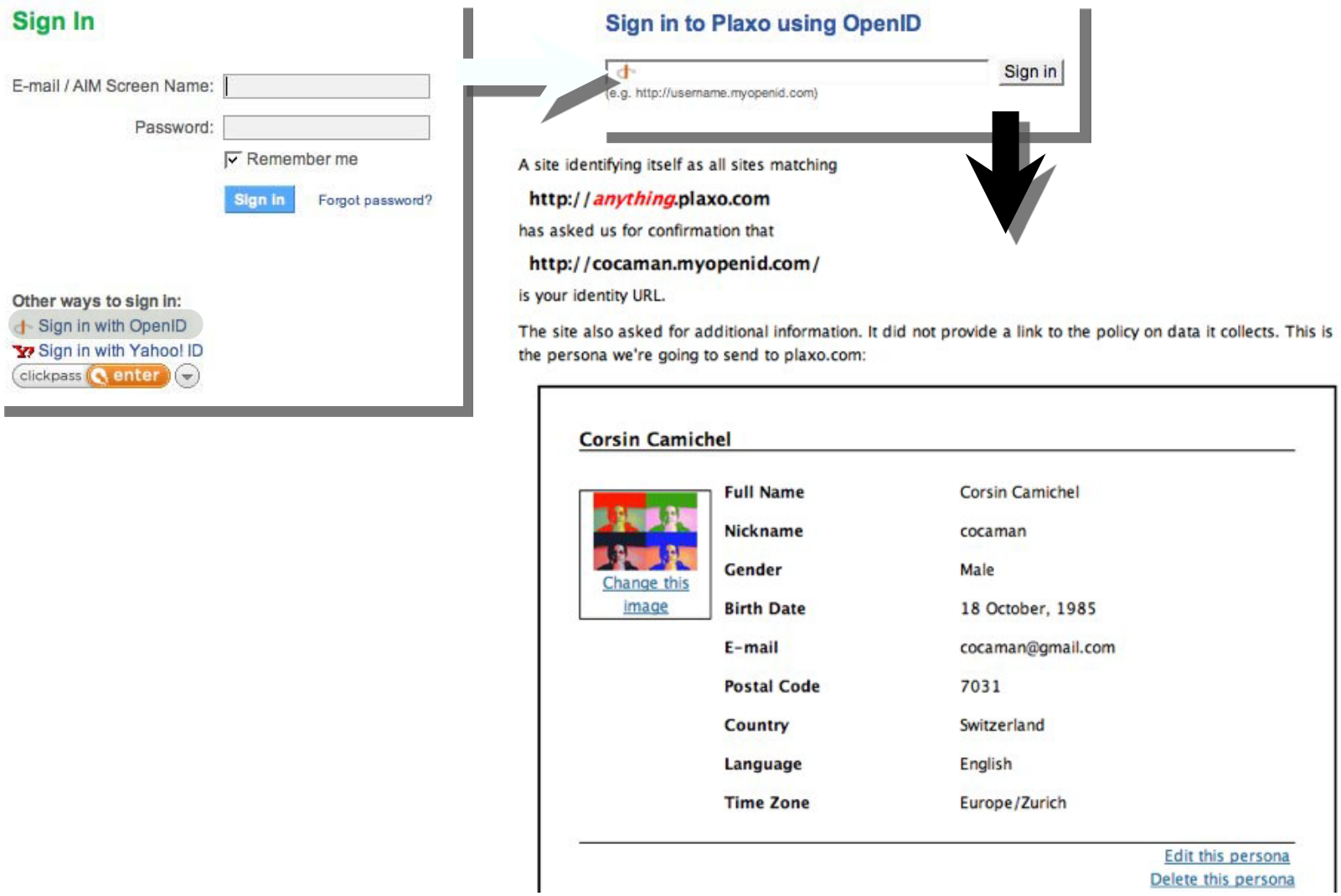
Verfügbare Technologien

- Oracle AS SSO
- OpenId
- SAML 2.0
- Oracle Access Manager SSO

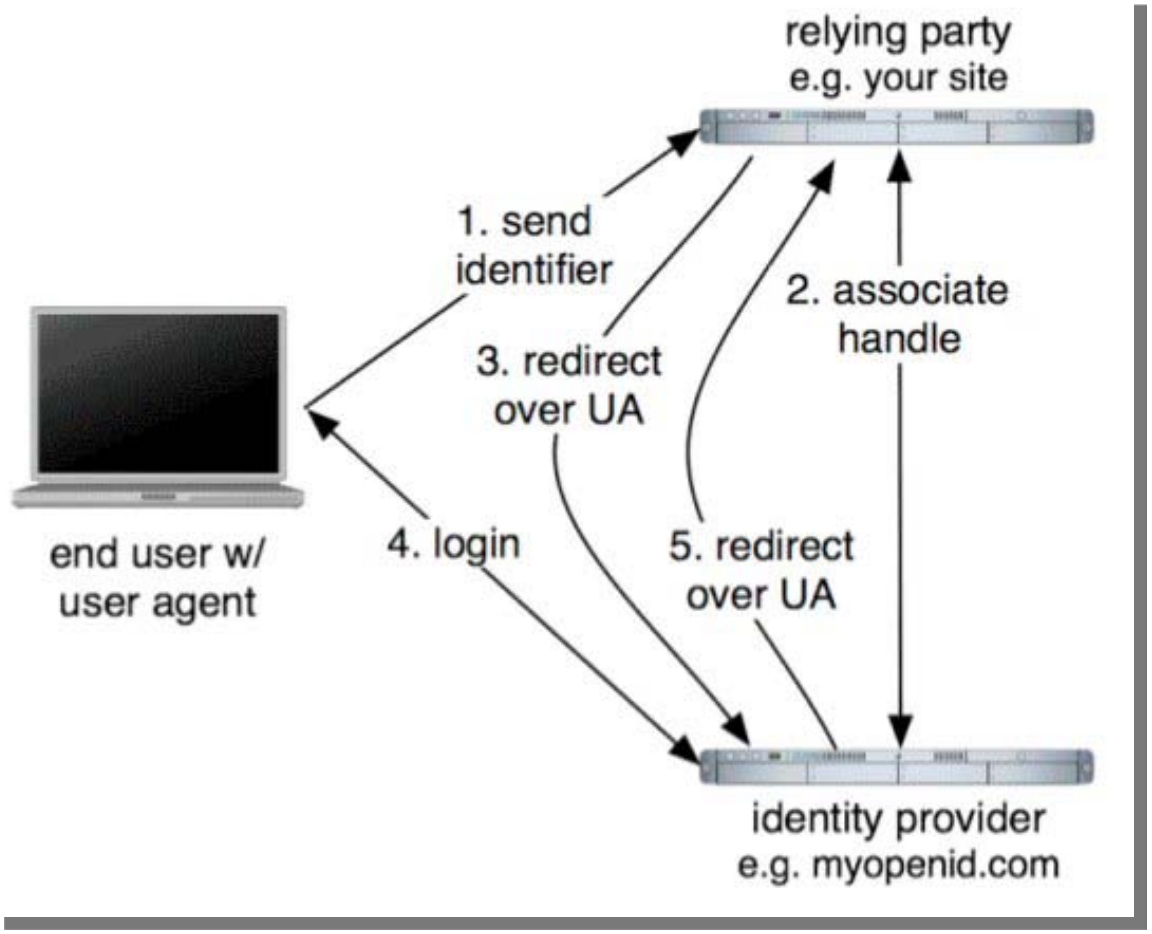
OpenID

- Breite Anwendung
  - Google, Yahoo, flickr, myspace, facebook, VeriSign, AOL
  - US Behörden
- Anwender verwaltet seine Identität
- Anwender kann eigenen Server aufsetzen

OpenID Login



OpenID im Detail

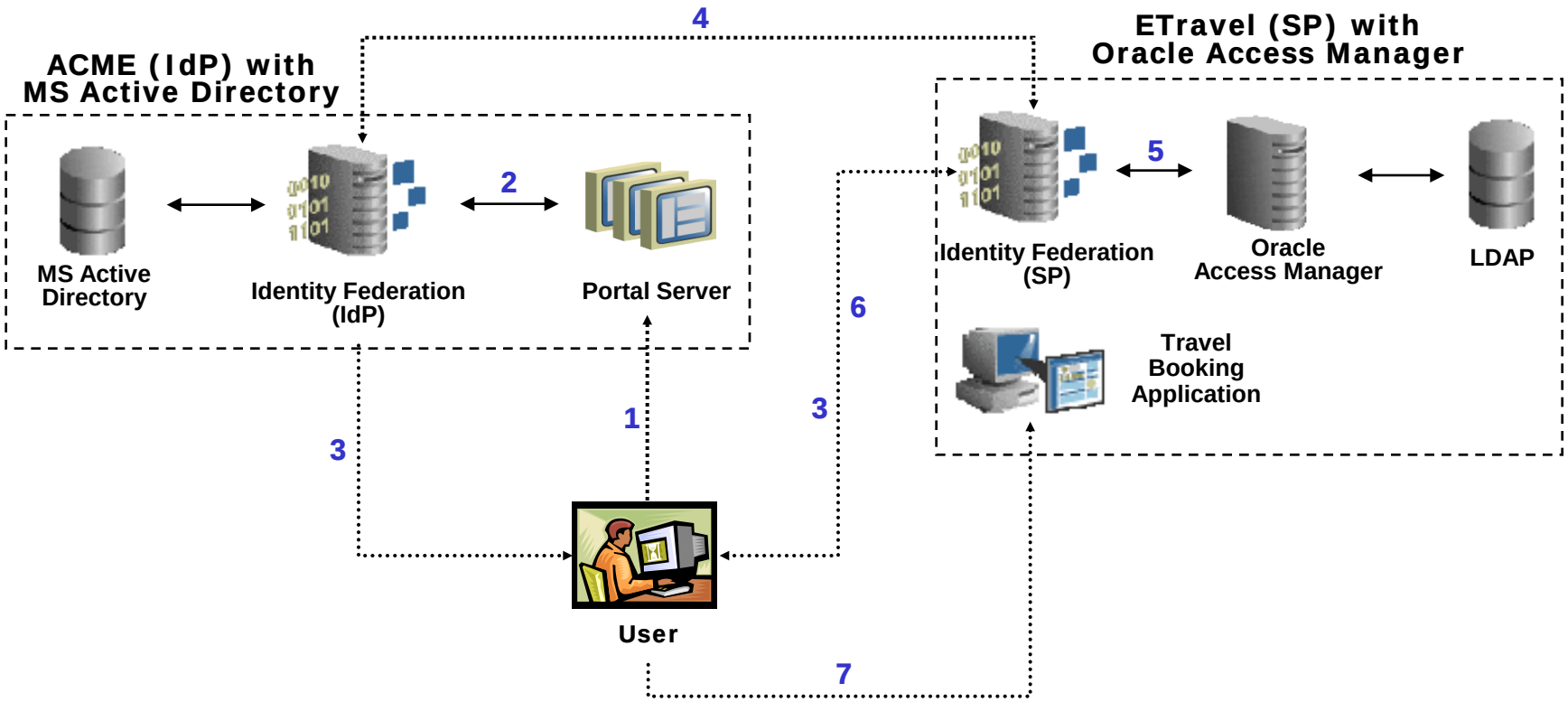


SAML 2.0

- Ideal für verteilte Identitäten
- Netzwerk des Vertrauens
- Identitäts-Provider
- Service-Provider
- Webanwendungen
- SOA-Anwendungen

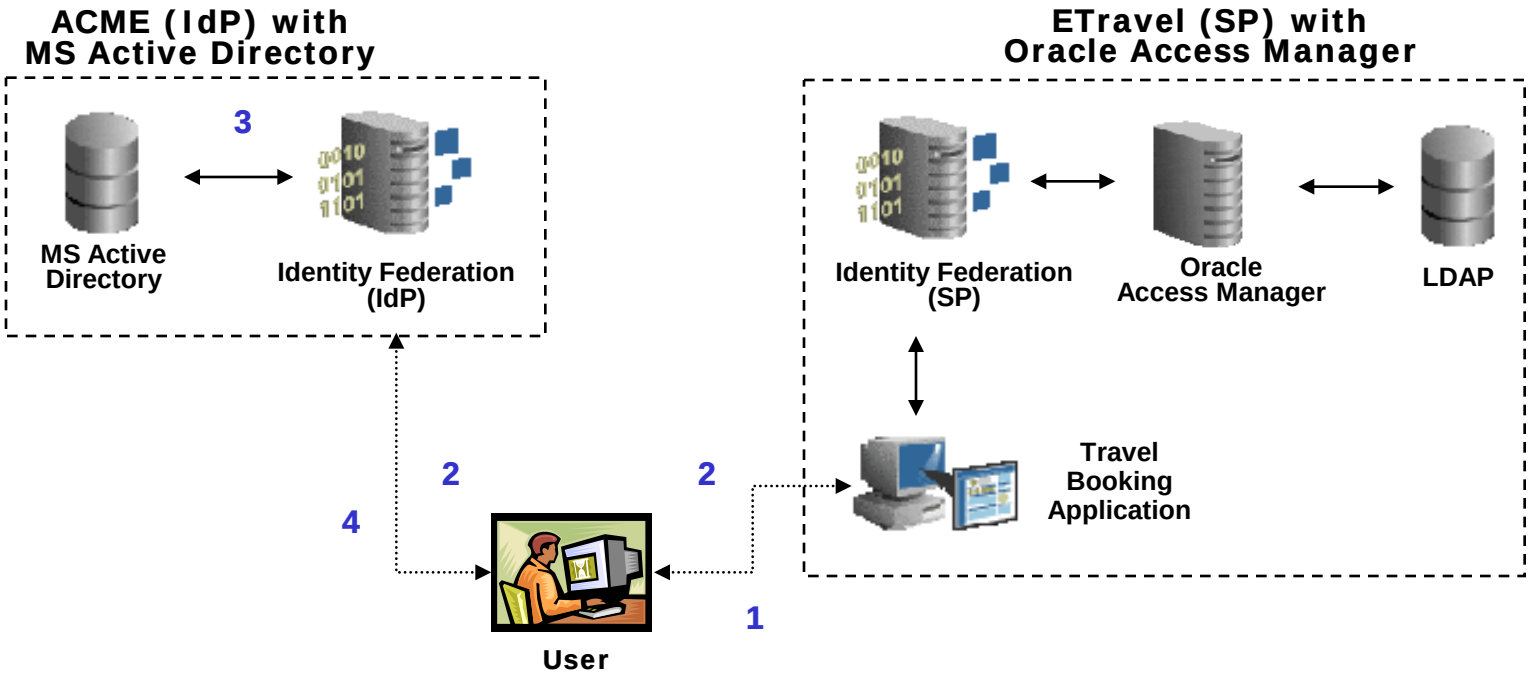
SAML 2.0:
IdP-Initiated Browser Artifact Profile

The SAML Browser Artifact Profile passes a single sign-on assertion from the identity provider to the service provider by a reference, or artifact. The service provider then will de-reference the artifact through back channel communications and will pull the assertion directly from the identity provider.



SAML 2.0:
SP-Initiated Browser POST Profile

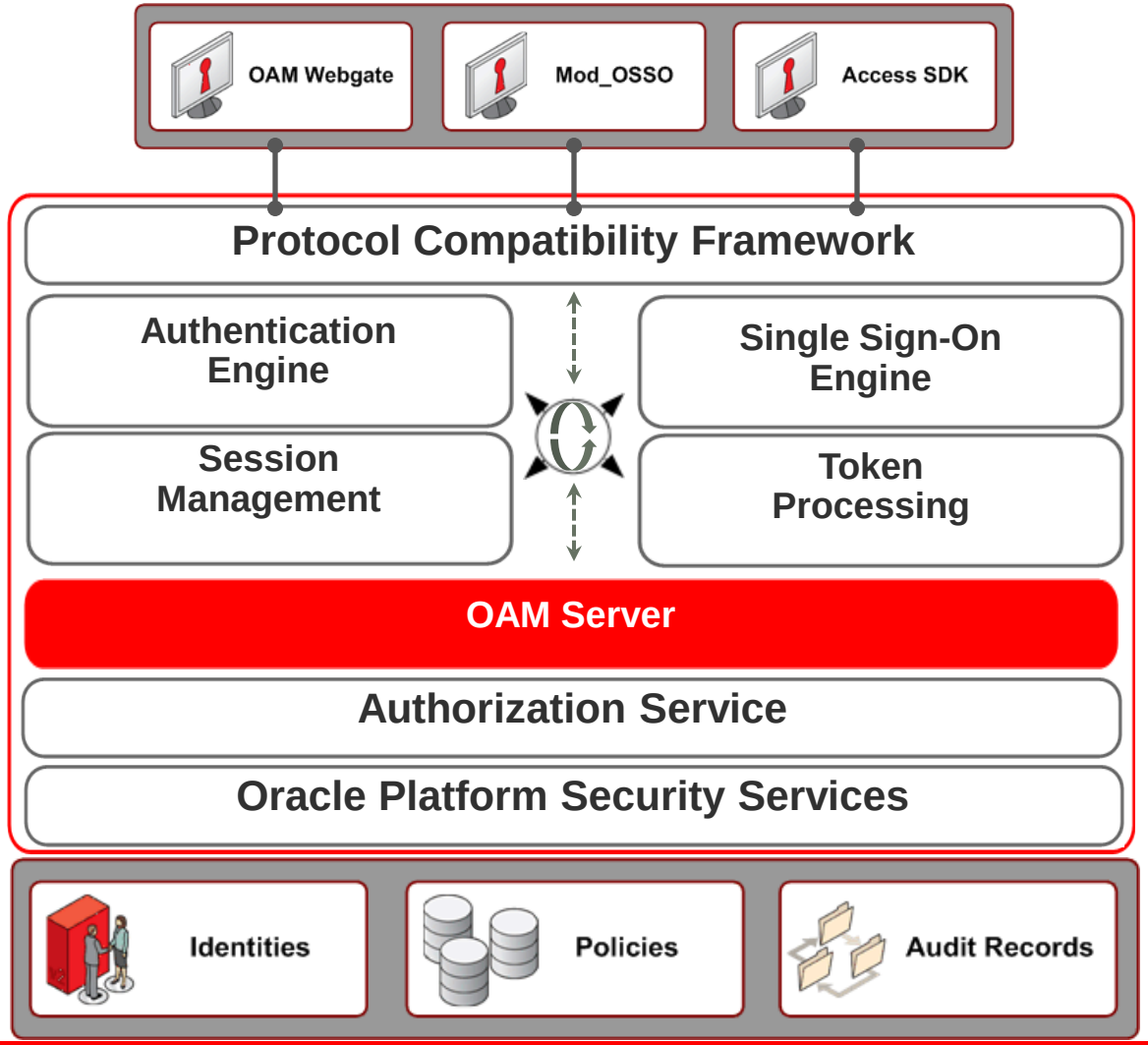
The SAML Browser POST Profile passes an SSO assertion by value via HTTP. No back-channel communication is needed in this case. In effect, the identity provider "pushes" the assertion to the service provider.



Oracle Access Manager (OAM)

- Absicherung von Ressourcen (URLs)
  - Authentifizierung
  - Autorisierung
- Unterschiedliche Klienten
  - Desktop, Browser, Fat-Client
- Unterschiedliche Mechanismen
  - Kerberos/WNA, SAML, Browser Login, Stand-alone

OAM Architektur



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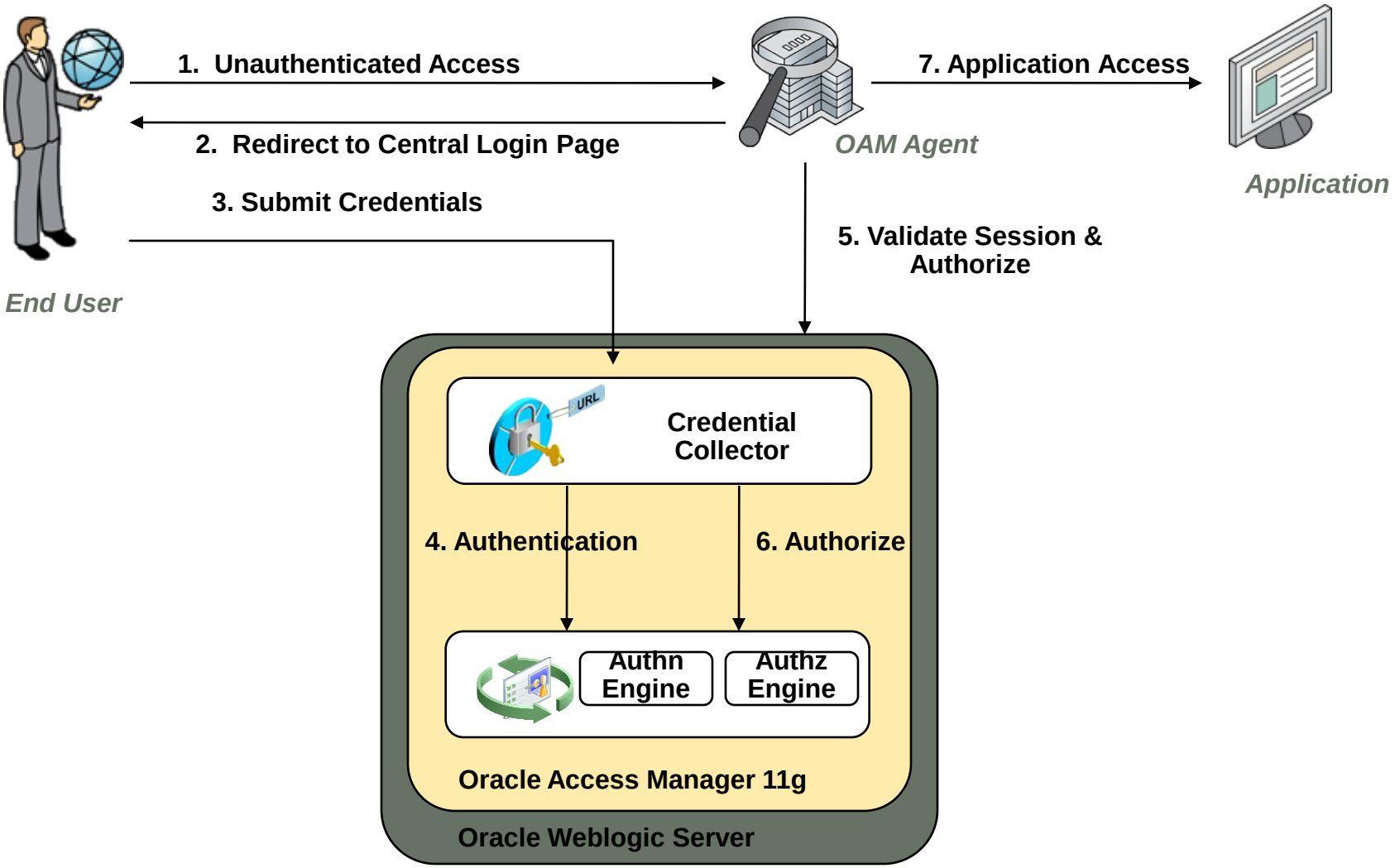
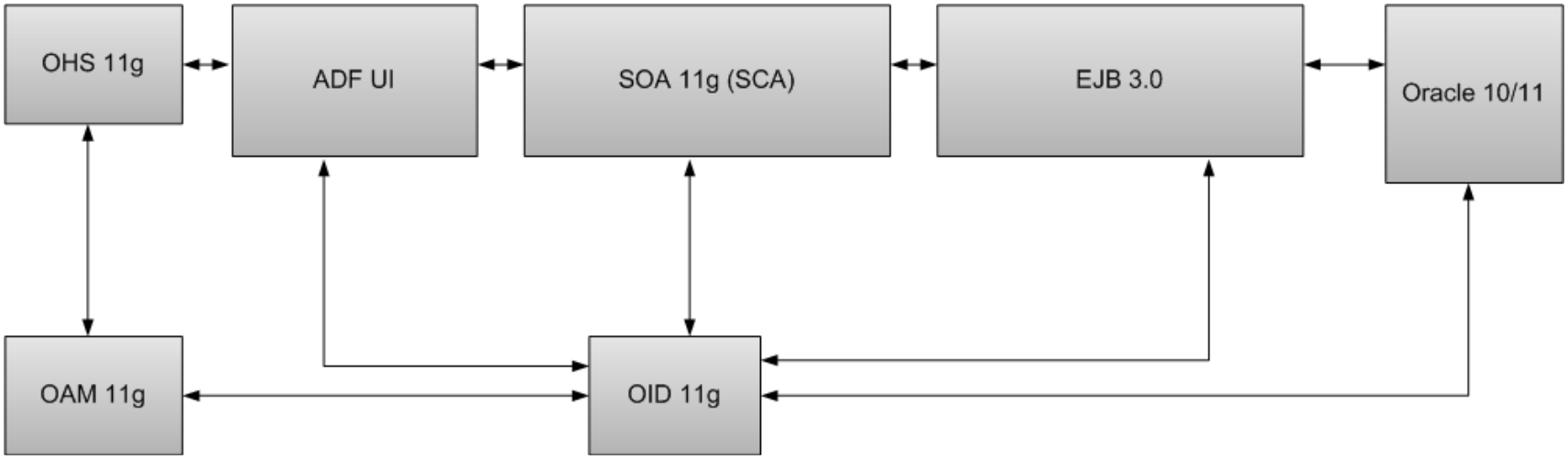
OAM Access Control



Beispielanwendung

- ADF Faces
- ADF Security
- OAM Login

Beispielanwendung



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Engineered to Work Together


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