

 ManfredSteyer

Login & Access Control in Angular

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SOFTWAREarchitekt.at

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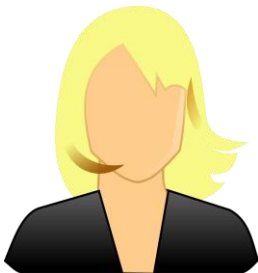
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Motivation

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Access to App and Backend



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Requirements for Modern Apps

Service
delegates to
other services

Cross Origin
Requests

Using existing
Identity
Solutions

Loosely
Coupling to
Identity Solution

Single Sign on/
out

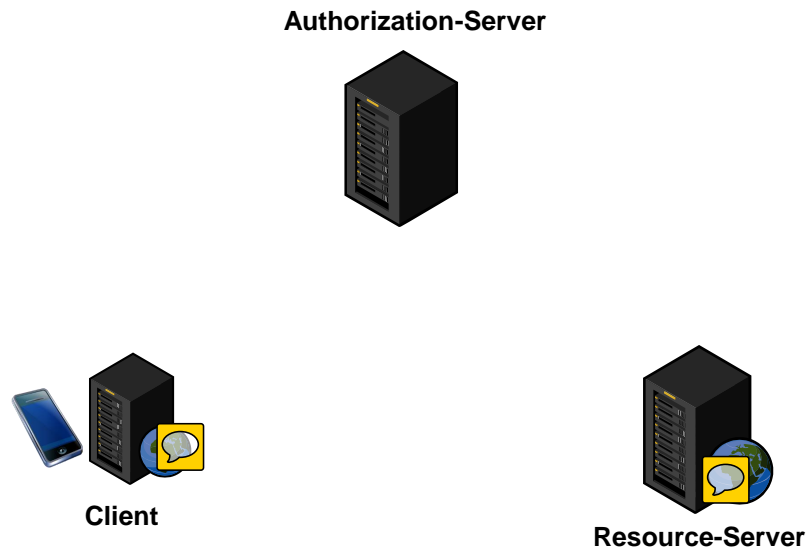
Protect from
XSRF

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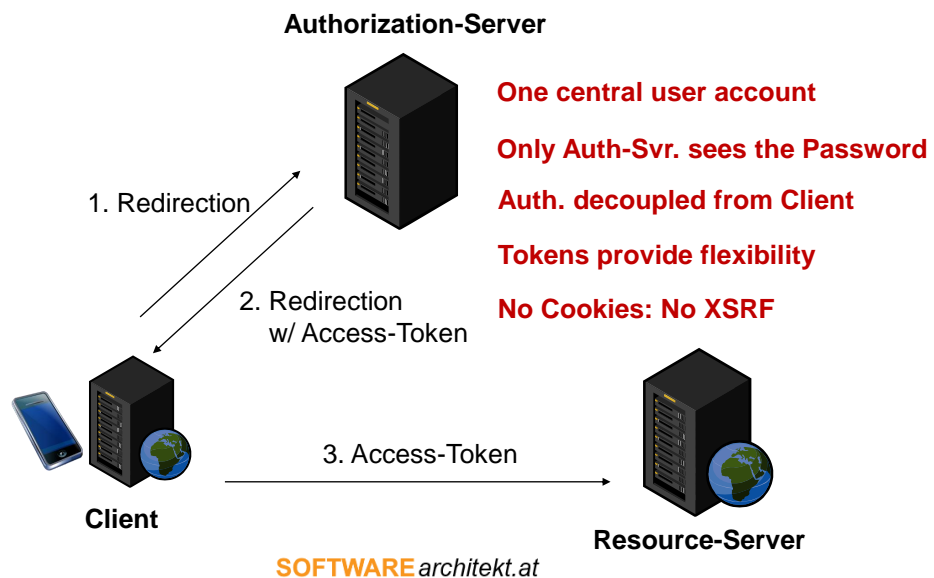
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Roles



Folie• 10

Flow



Folie• 11

Authorization Server === just some endpoints ;-)

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Roles

Authorization-Server



Client

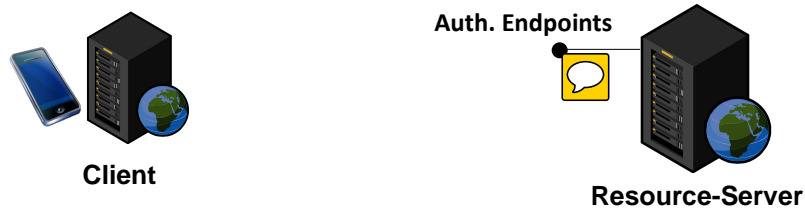


Resource-Server

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Folie • 13

Roles (simplified Scenario)



Folie 14

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Lots of Auth Server out there ...

On PremiseActive Directory
Federation
ServicesIdentity Server
(.NET)Readhad
Keycloak
(Java)

Okta

Auth0

Firebase

Azure Active
Directory

...


Identity as a Service

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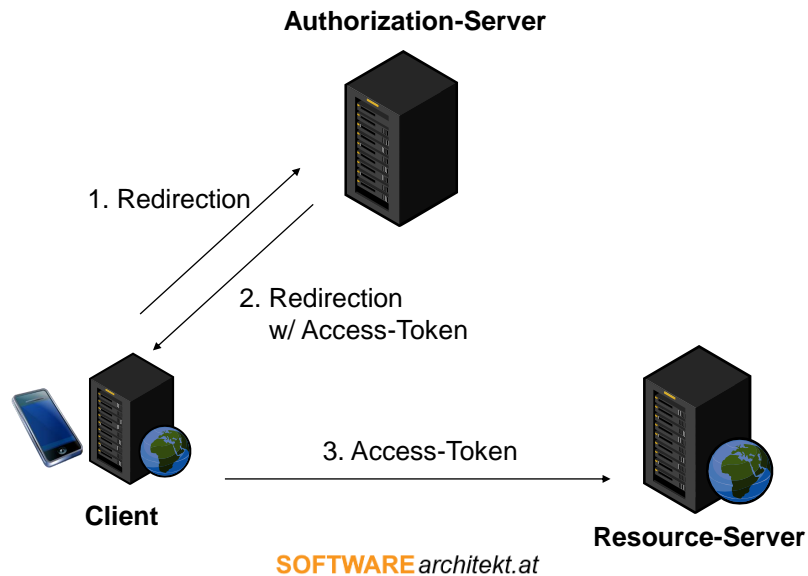


OAuth 2

What is OAuth 2?

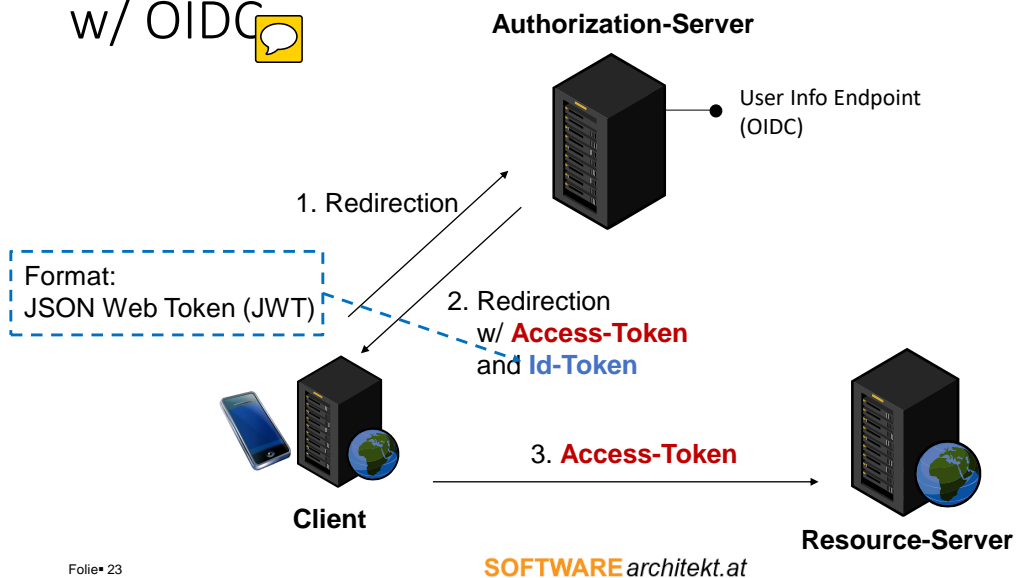
- Developed by Twitter and Ma.gnolia
- Protocol to delegate restricted rights 
- Used by Companies like Google, Facebook, Flickr, Microsoft, Salesforce.com or Yahoo!
- Several Flows for different use cases
- Leverages HTTPS!

Implicit Flow for SPA



Folie• 18

Implicit Flow w/ OIDC



Folie• 23

Fazit

Token:
Flexibility,
Cross Origin ...

OAuth 2:
Access to
Service

OpenId
Connect:
SSO at Client

Implicit Flow

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