How can **Domain ID** help this guy to remember his password?

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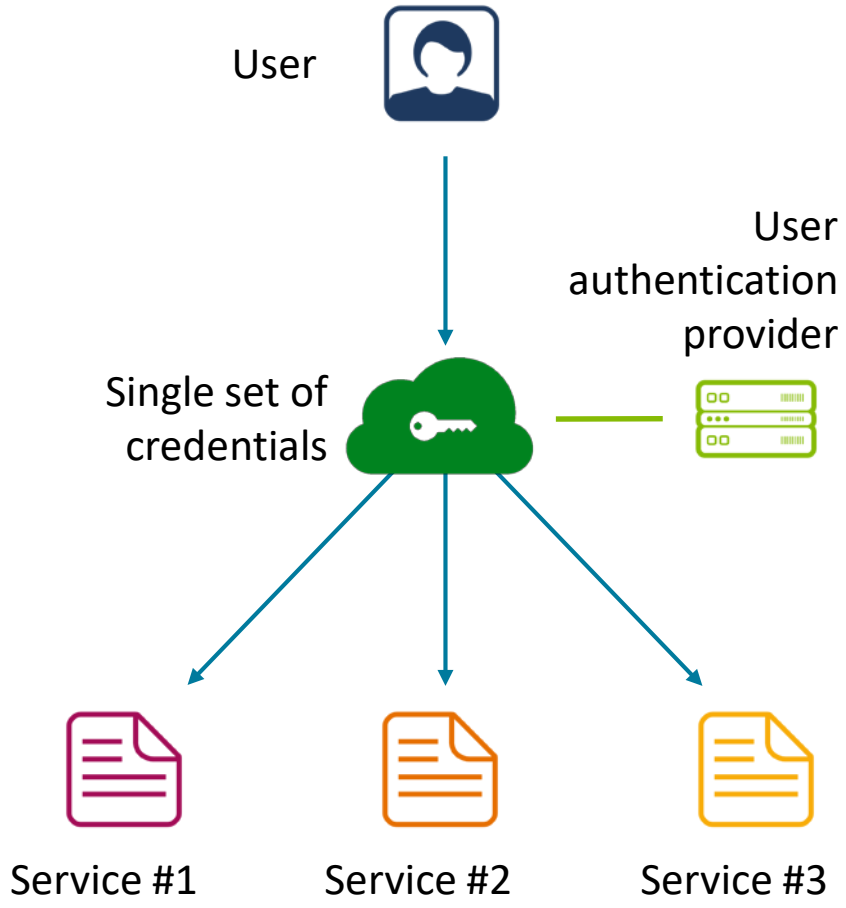
THE PROBLEM

"We call this one the 'Password Manager.' The vest is made of Post-It notes."

Too many accounts...

...and I am not even *allowed* to use the same password for all of them!!

THE SOLUTION



Single Sign-On (SSO)

A single set of credentials (e.g. username and password) that can be used on all existing online services…

…requires a service acting as *user authentication provider* (must be trusted by everyone)

EXISTING SSO

eIDAS

Official government-provided digital identity (e.g. eIDAS)…

Strong identity guarantee, hard to get (bureaucracy)

Overkill for most applications

EXISTING SSO

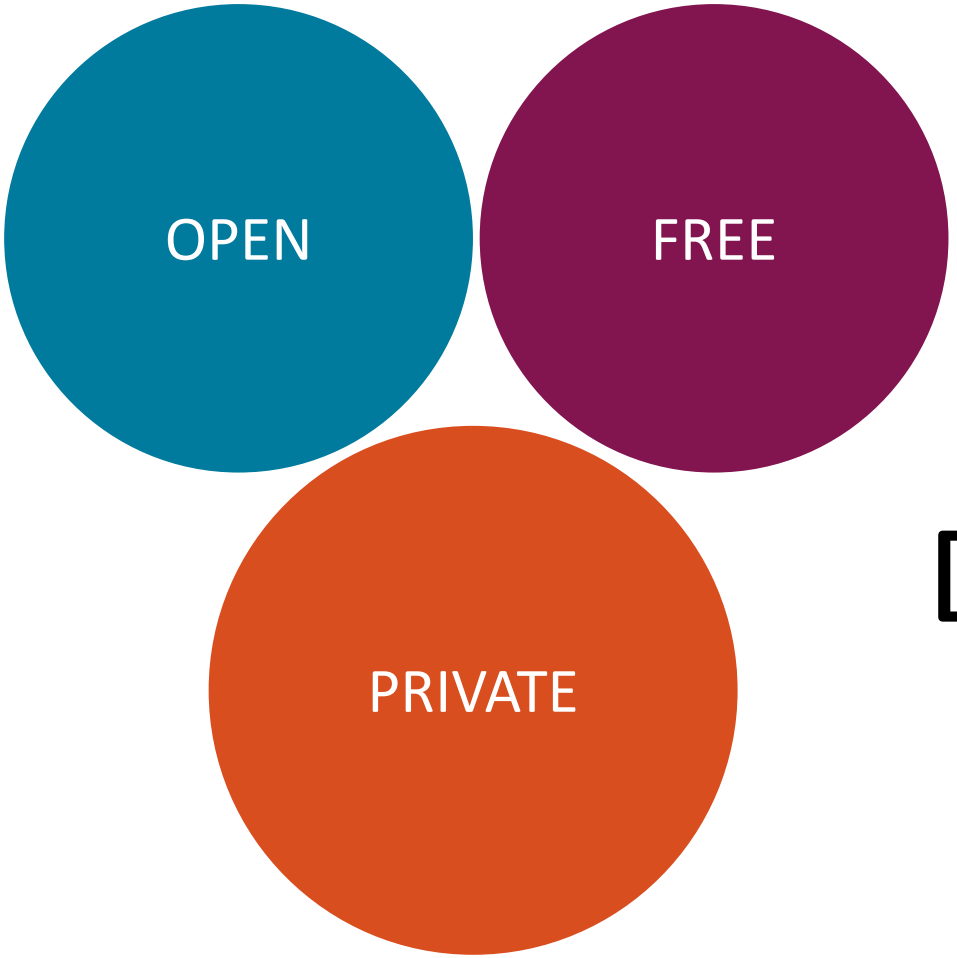
SOCIAL MEDIA

OTT-provided digital identity
(e.g. social networks)

Owned by the OTT

No portability/choice for the users
No privacy guarantee

THE SOLUTION



Domain ID

THE REAL SOLUTION

DENIC Strategy /Mission Statement

[...]

Moreover, DENIC is committed to an open, secure and stable Internet.

https://member.secure.denic.de/ueber-uns/strategie/

THE ROLES IN DOMAIN ID

User

Identity Agent

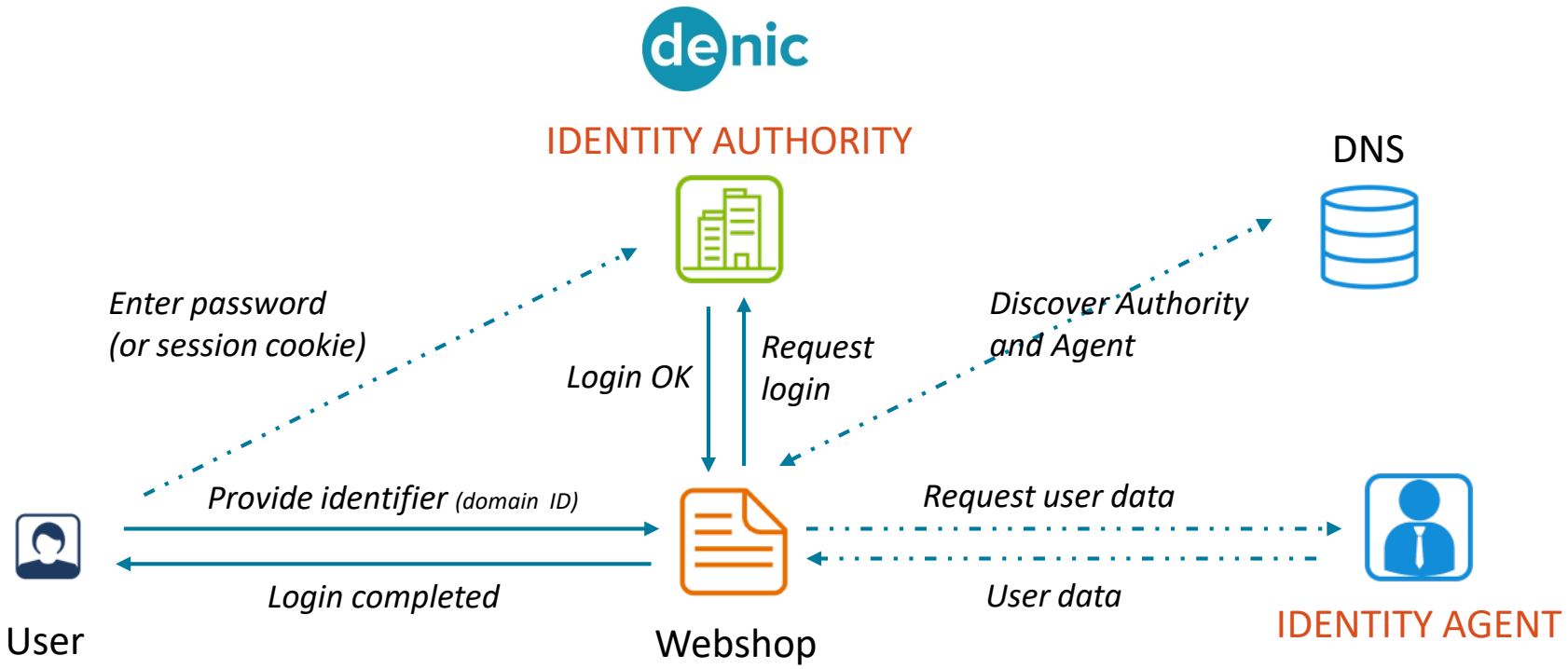
- Provides service to the user, manages
  - customer
  - user data

Relying party
(any online service)

Identity Authority

- Keeps and verifies user credentials
- Manages consent to data sharing

DOMAIN ID – HOW DO I USE IT



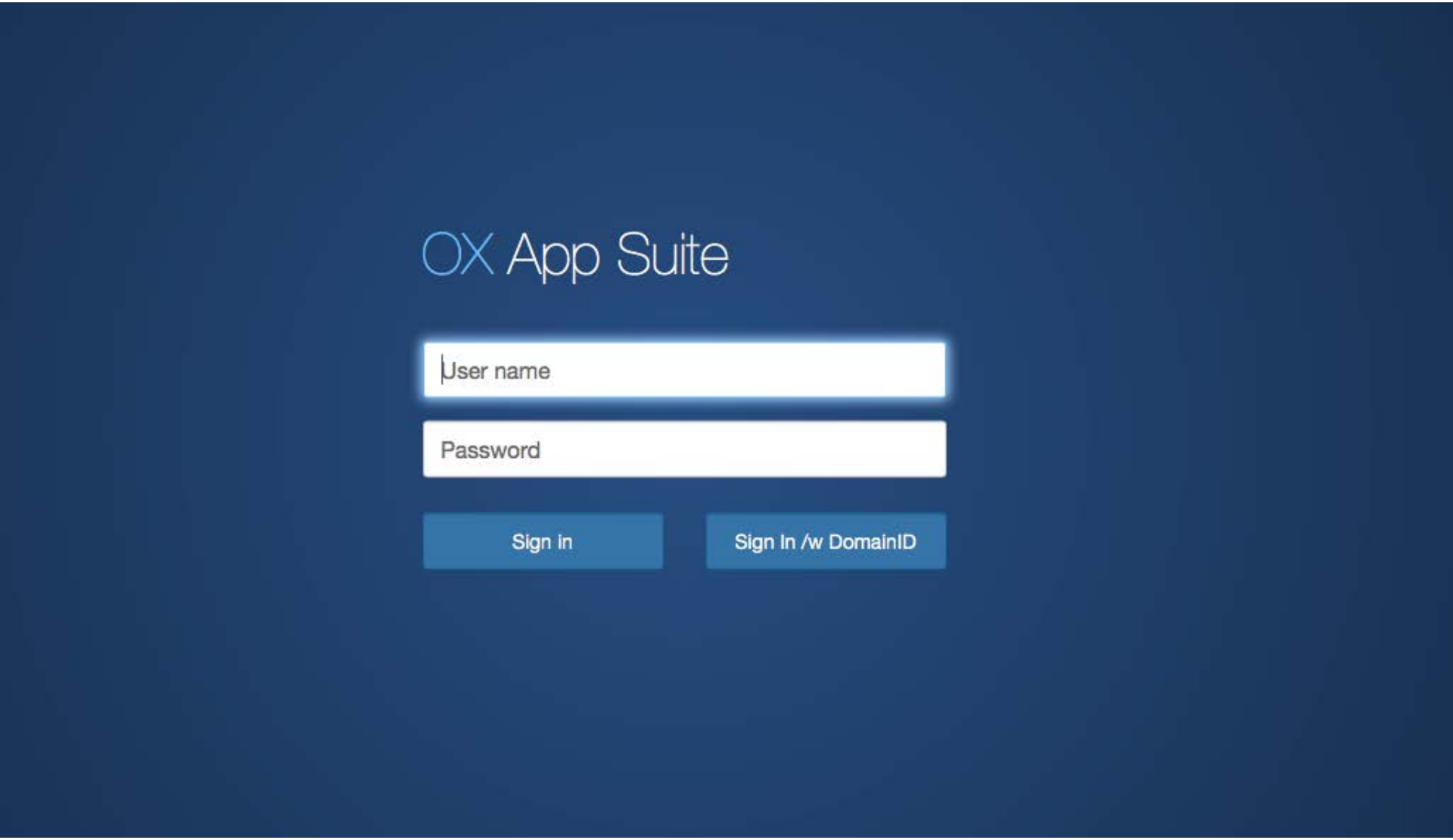
DOMAIN ID

- Based on **open** existing **standards**
- Participate in an open **federated** model
- **Free** to pick and change your provider, or host it yourself
- Your domain and data are **owned by you**
- **Choose** whom to trust with your **privacy**, whom you share and confide your personal data with...

DOMAIN ID – DEMO

http://hermes.open-xchange.com/appsuite/

SCREENSHOTS IN THE ABSENSE OF INTERNET ACCESS



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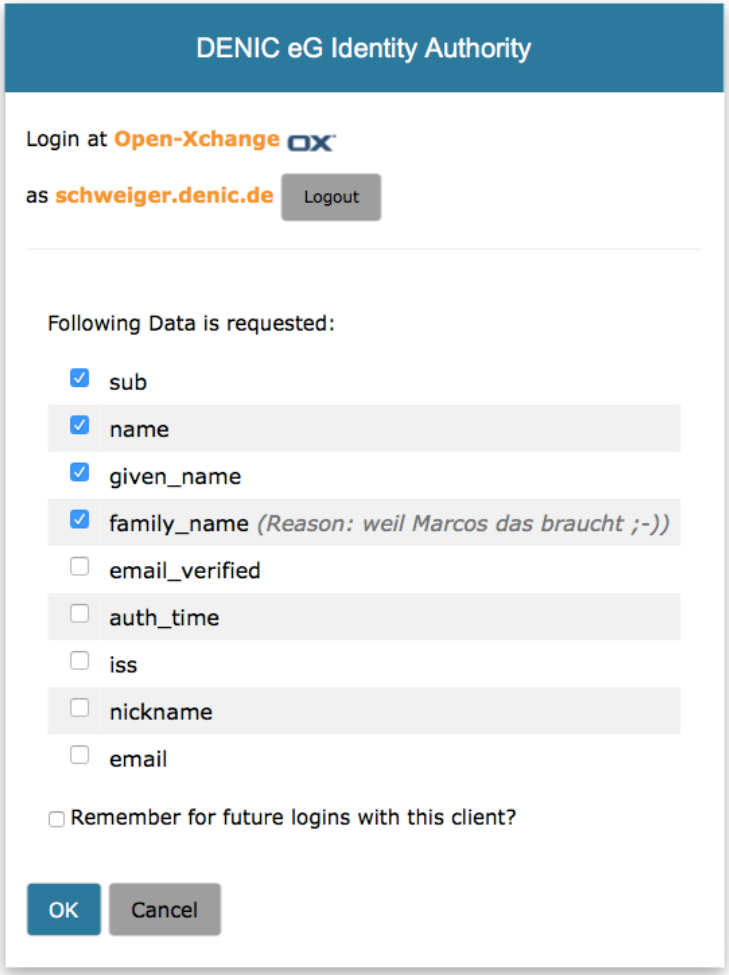

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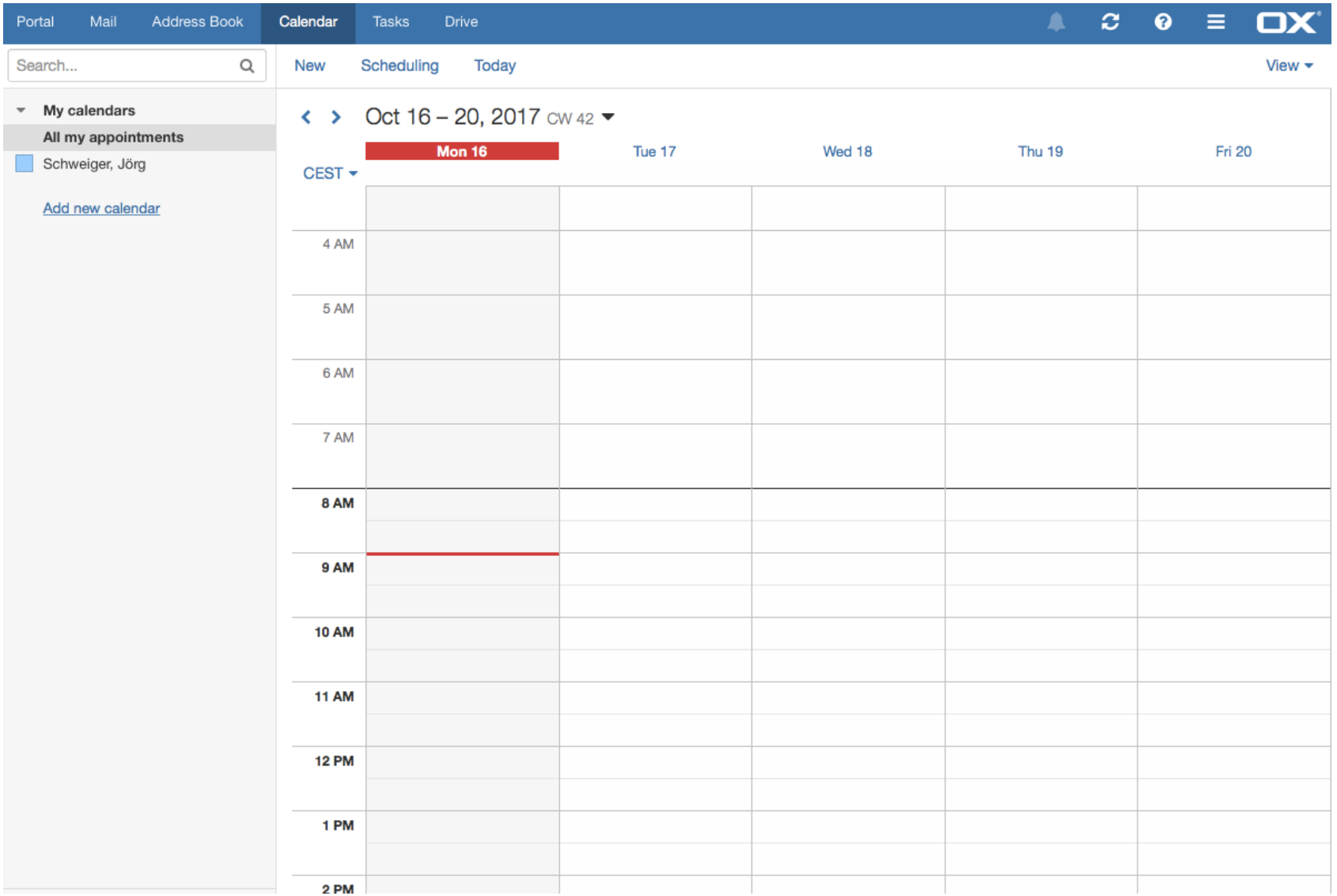
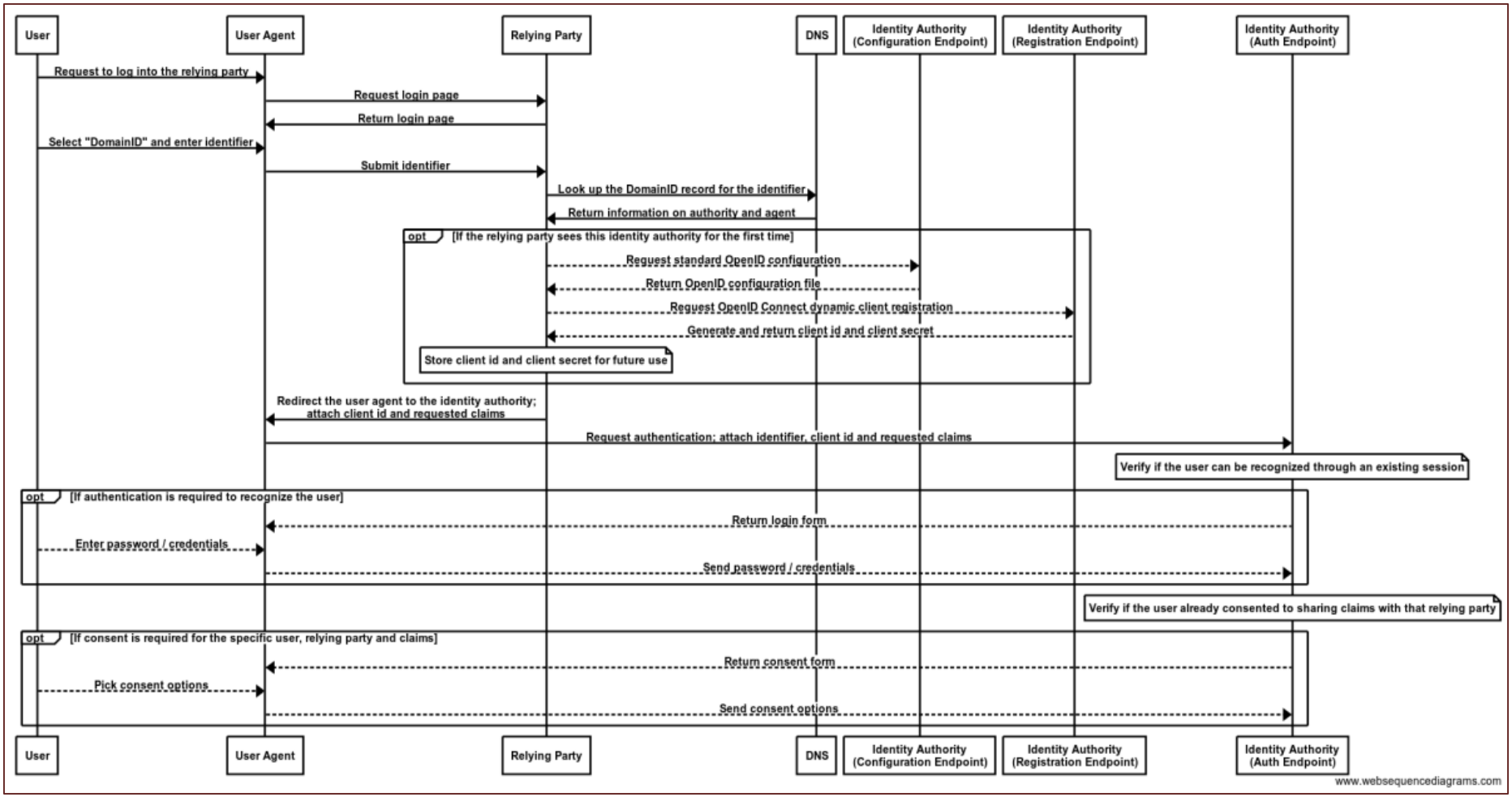


DOMAIN ID – BEHIND THE SCENES



DOMAIN ID – WHAT'S IN 4

- Registries: Domain name registration growth
- Registrars: Revenue and customer value preposition
- Registrant / Internet User: Data control – anytime - anywhere – just like this

  legal verification can be added
  ➡ payment, signing functions
- Internet ecosystem: free, open, secure

DOMAIN ID – HOW DO I GET ONE

- ✓ Register your domain name
- ✓ Configure it for DomainID
- ✓ Visit the DomainID portal

DOMAIN ID - LINKS

Tech Whitepaper
https://git.freedom-id.de/DomainId/Documentation

DomainID Portal
https://auth.freedom-id.de/domain-id

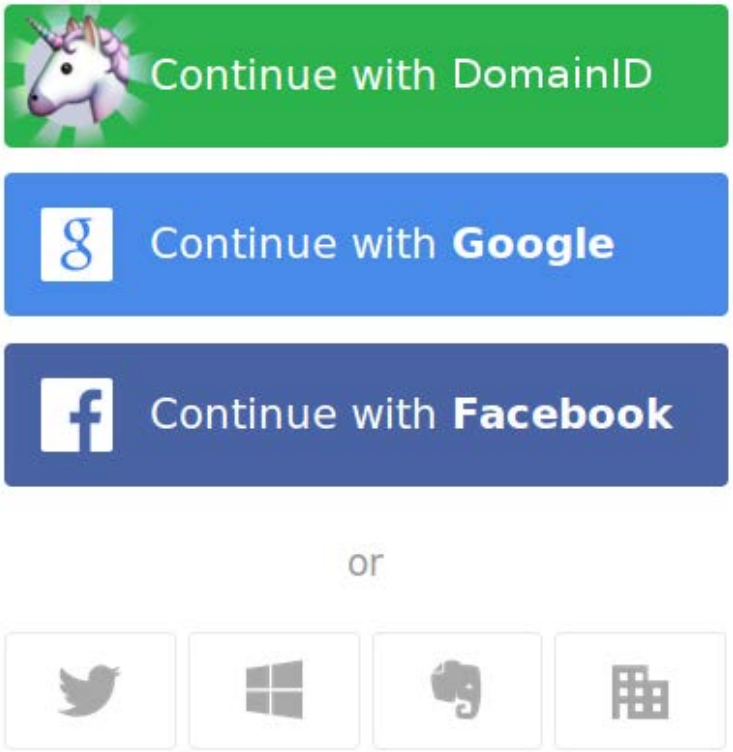
Identity Authority Issuer
https://auth.freedom-id.de/

Freedom Shop
https://shop.freedom-id.de/

OpenID CERTIFIED pending

TIMELINE - WHAT'S NEXT?

	Phase	2017 S	2017 O	2017 N	2017 D	2018 J	2018 F	2018 M	2018 A	2018 M	2018 J
internal preperation	• Develop Application Name, Icon, Claim • Papers (What-is, how does it work,…) • Show-case Prototype • Develop UX for (EndUser), Relying Parties • Website	■	■	■							
partnering	• Engage Registrars (DENIC members, Global Players) • Engage Registries • Approach early adaptor Relying Parties		■	■	■	■	■				
operational & jurisdictional framework	• Inception Domain ID foundation * technical specification 1.0, support commitments * code repository, best practise					■	■				
going live	• Press release • Web launch						■				
operation & establishing prime position	• Outreach / Marketing • Submit to standardisation bodies						■	■	■	■	…



Thanks
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Questions
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