



.SE Federation

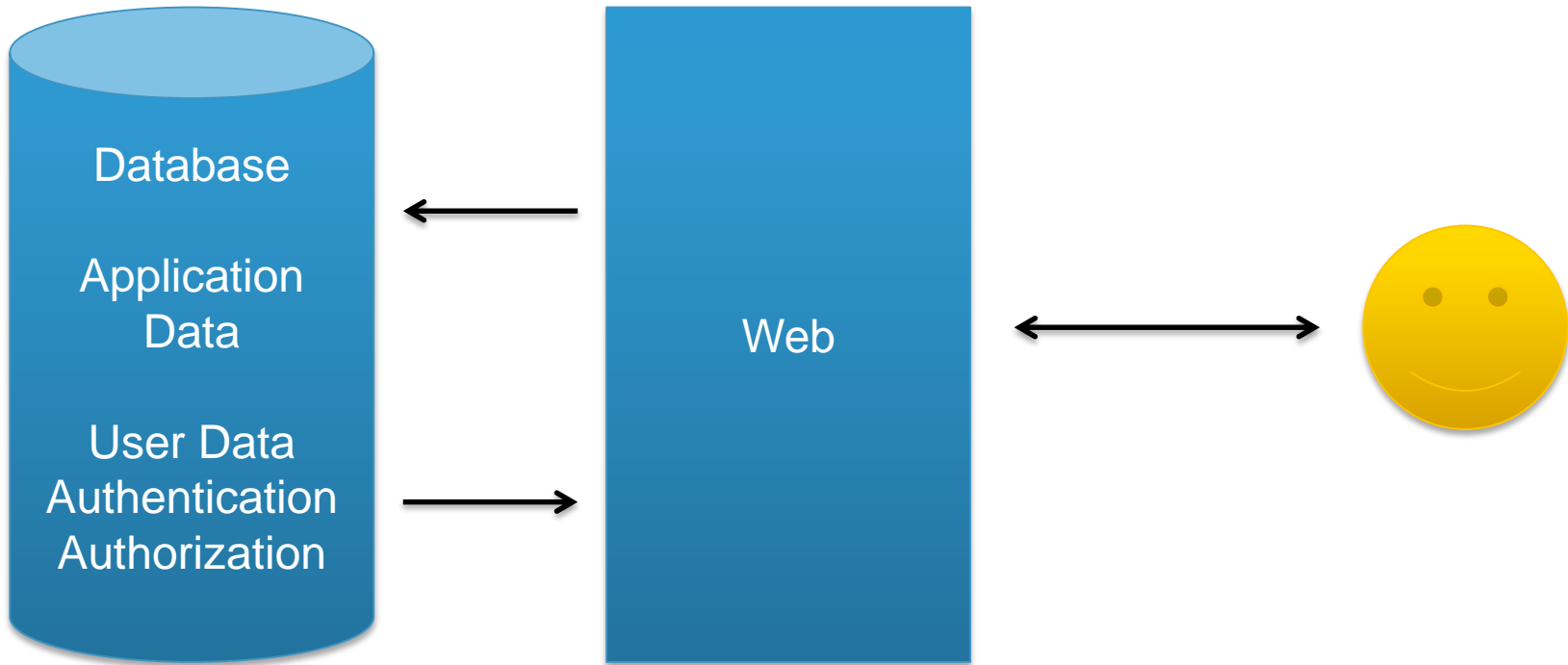
Ulrich Wisser

Senior System Developer

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Old System



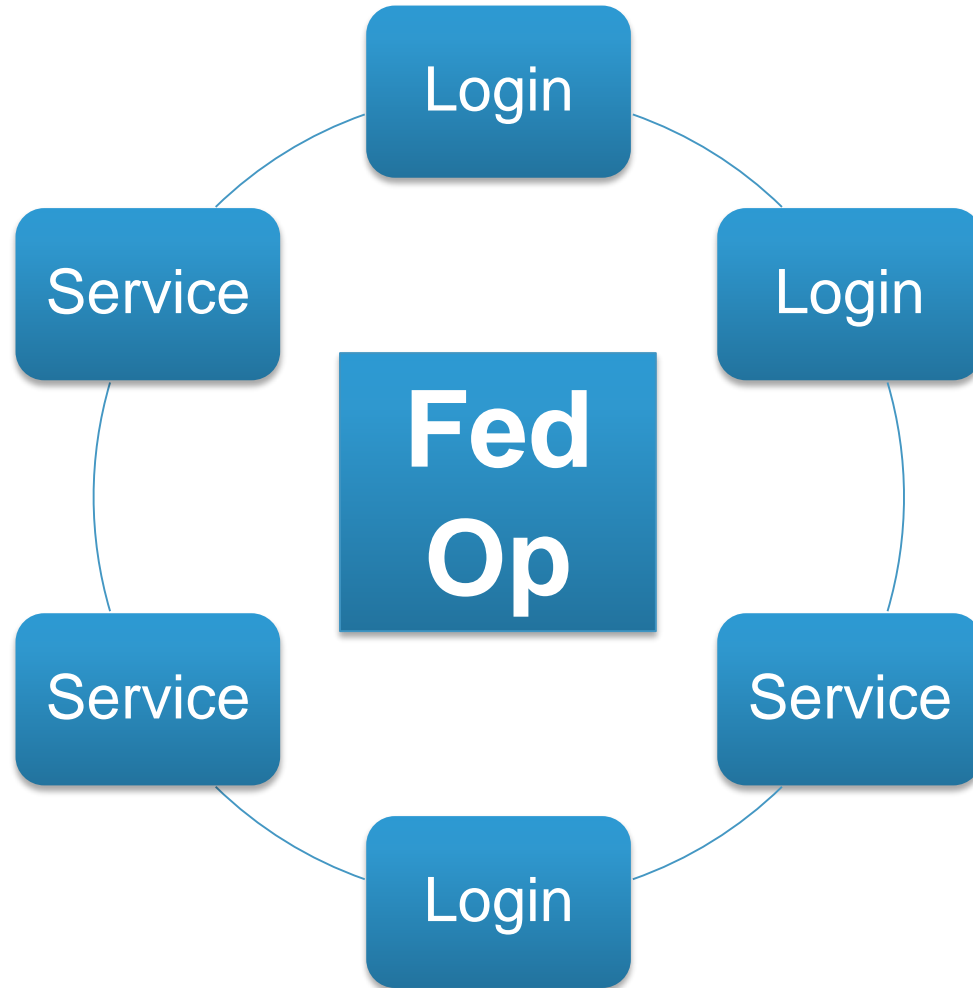
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Federation

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What is a Federation?



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SAML 2.0

- Security Assertion Markup Language
- XML
- Internet2
- Shibboleth
- SimpleSAMLphp



Federations are Trust Brokers

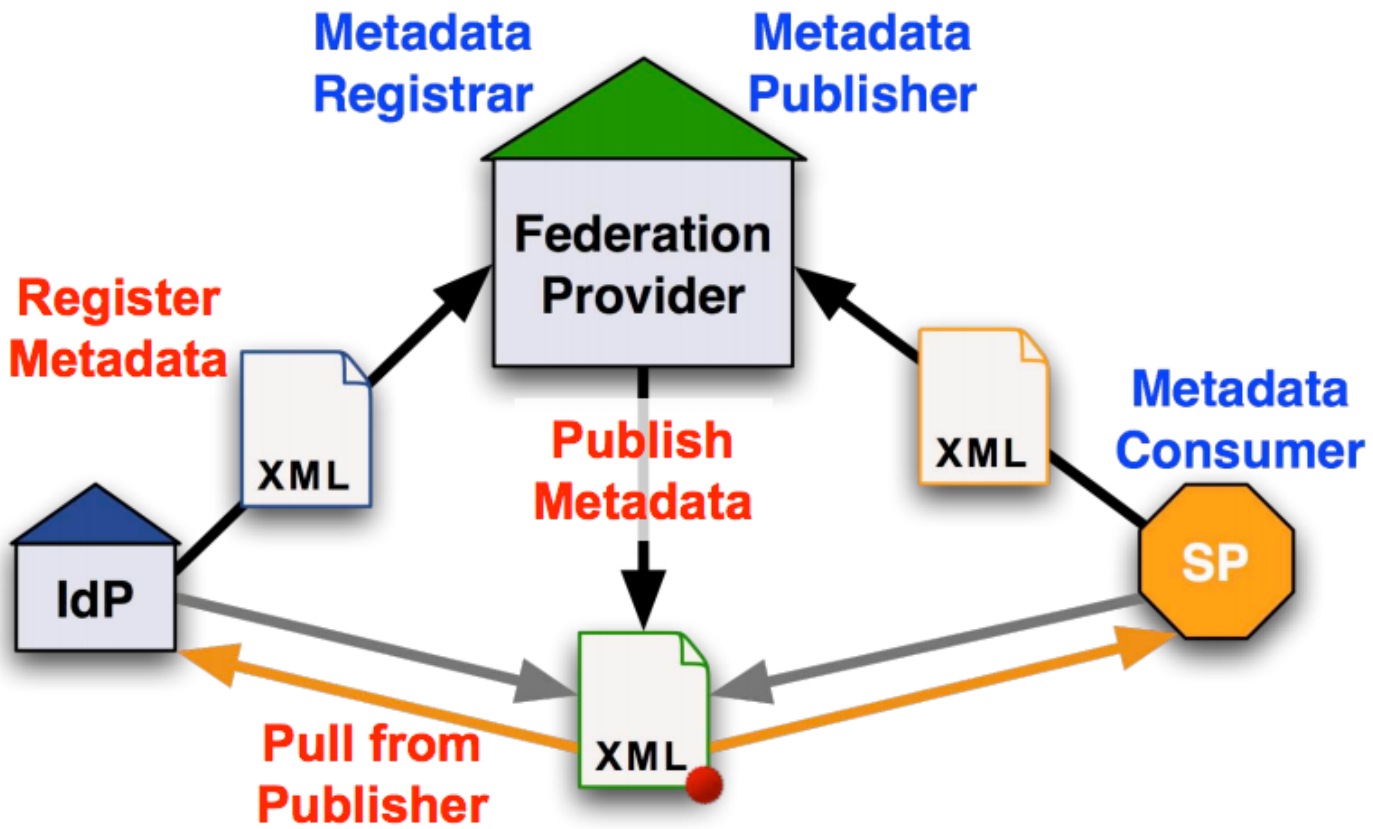
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Technical Trust

- Trustworthy entity metadata
- Assures secure communication between the entities

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Federations are Trust Brokers

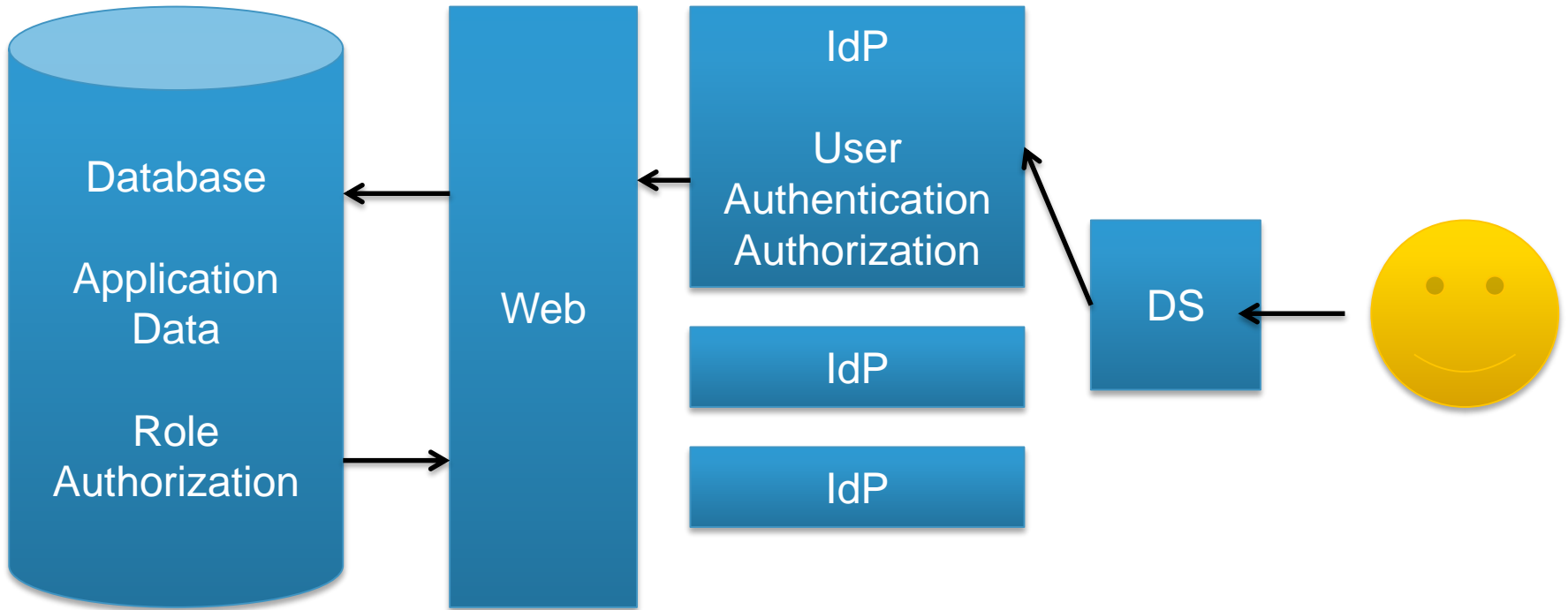


Behavioural Trust

- Requires proper technical trust as basis
- Comprises what is settled by contract or policy
- e.g. quality of Identity Management
- Correctness of attribute values asserted

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New System



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Two Factor IdP

- .SE will introduce login with YubiKey
- Some actions inside the website will request a new authentication



Other possible solutions include

- Smartcards
- Google Authenticator

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Thank You!

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