

# User-Managed Access (UMA) Working Group

Eve Maler, WG chair

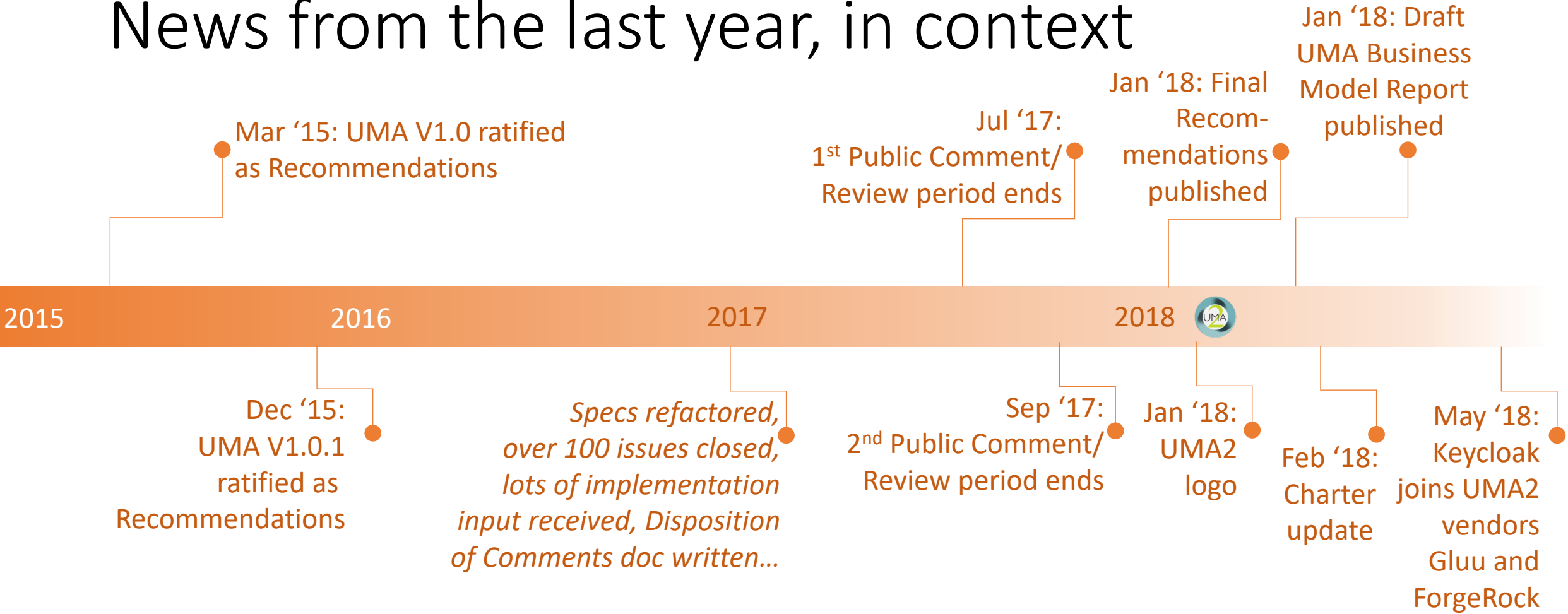
[eve.maler@forgerock.com](mailto:eve.maler@forgerock.com) | @xmlgrrl

15 May 2018

<http://tinyurl.com/umawg/> | @UMAWG

First: Shall we do a quick UMA  
explainer? 

# News from the last year, in context



# Some use cases/ecosystems involving UMA

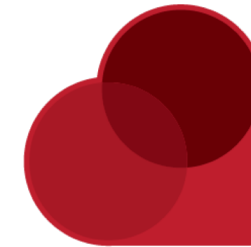
- Financial

- UK Pensions Dashboard Project / OIX / Origo
- Examining suitability for a set of Open Banking use cases



- IoT

- “ACE actors” architecture identifies requirements for authorization to an RqP

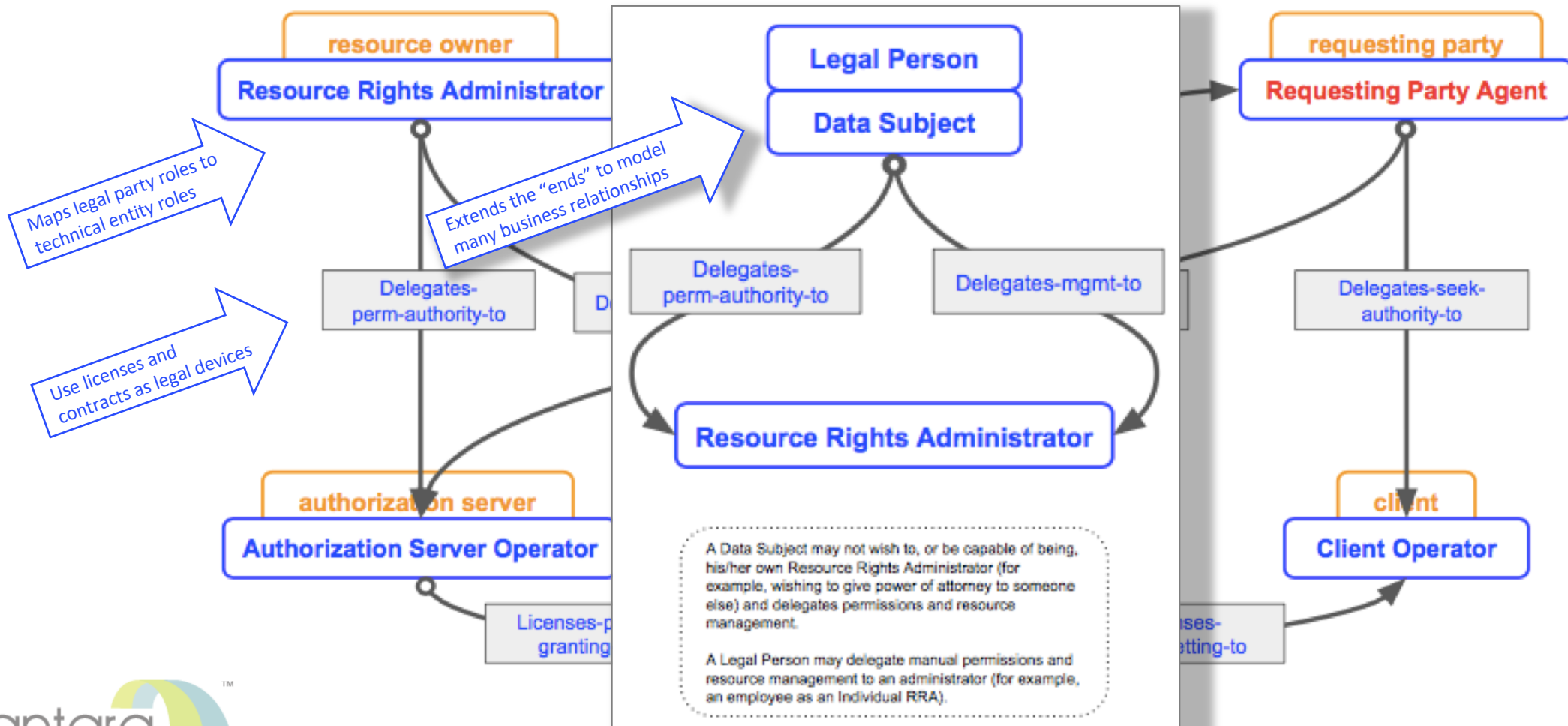


- Healthcare

- Profiled in Health Relationship Trust (HEART) at OpenID Foundation
- Part of the new OpenMedReady framework, along with HEART



The new UMA business model defines how the UMA protocol enables a license-based model for controlling access rights to personal digital assets



# On the docket for (the rest of) 2018

- Complete the business model and capture business scenarios
- Perform a business model POC
- Consider submitted UMA2 extensions
- Maintain UMA2 as required
- Promote UMA2 interoperability

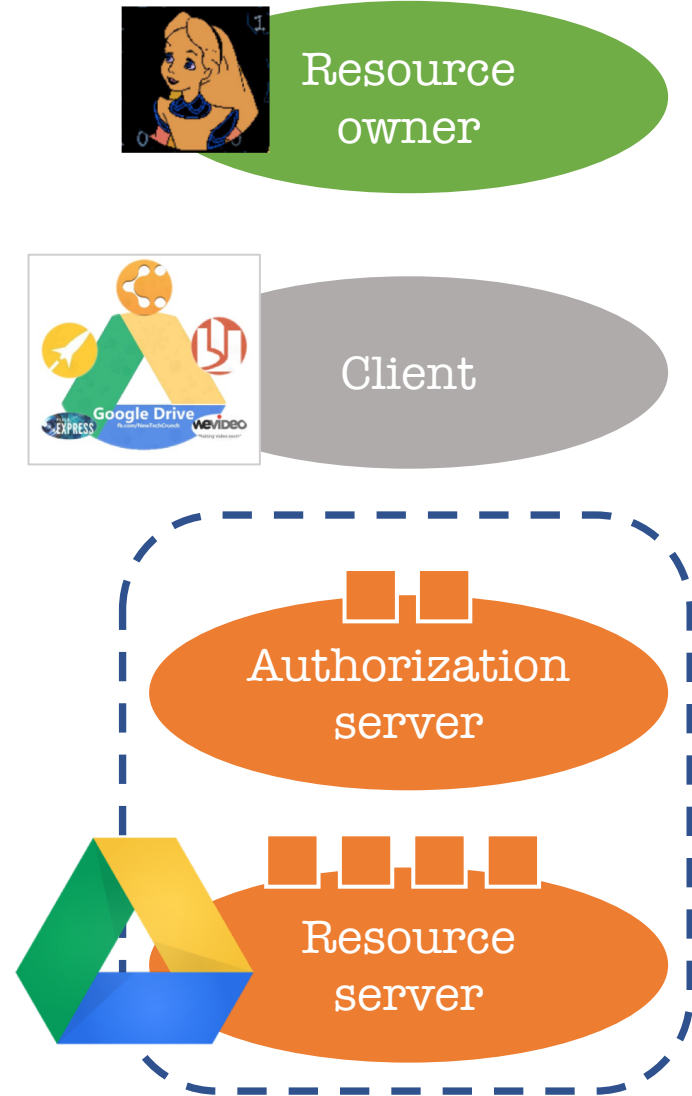


# OAuth, OIDC, and UMA2: breaking it down

Find links to UMA2 specs and swimlanes at <http://tinyurl.com/umawg/>

# OAuth is for constrained delegation to apps

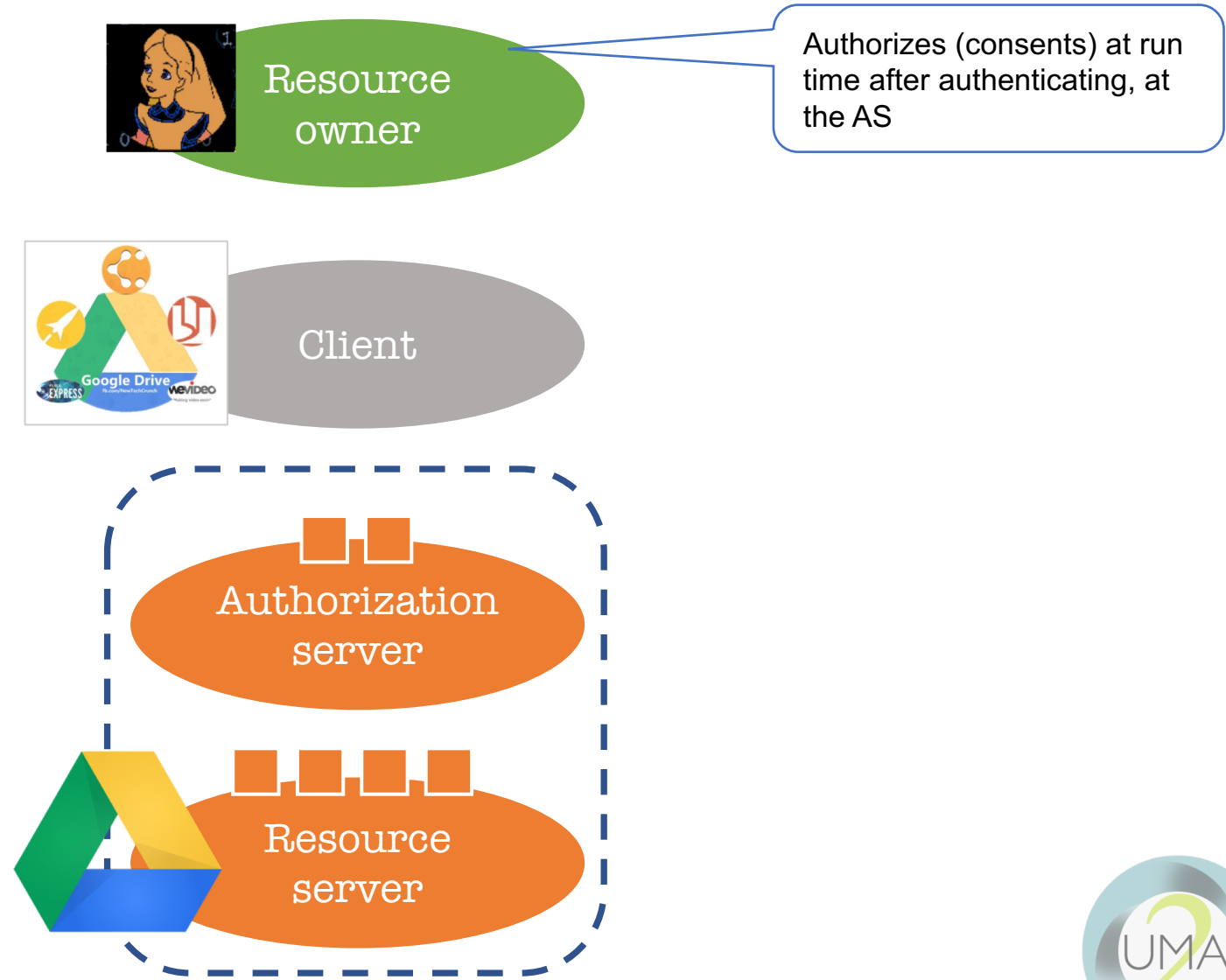
It has helped to kill the “password anti-pattern”





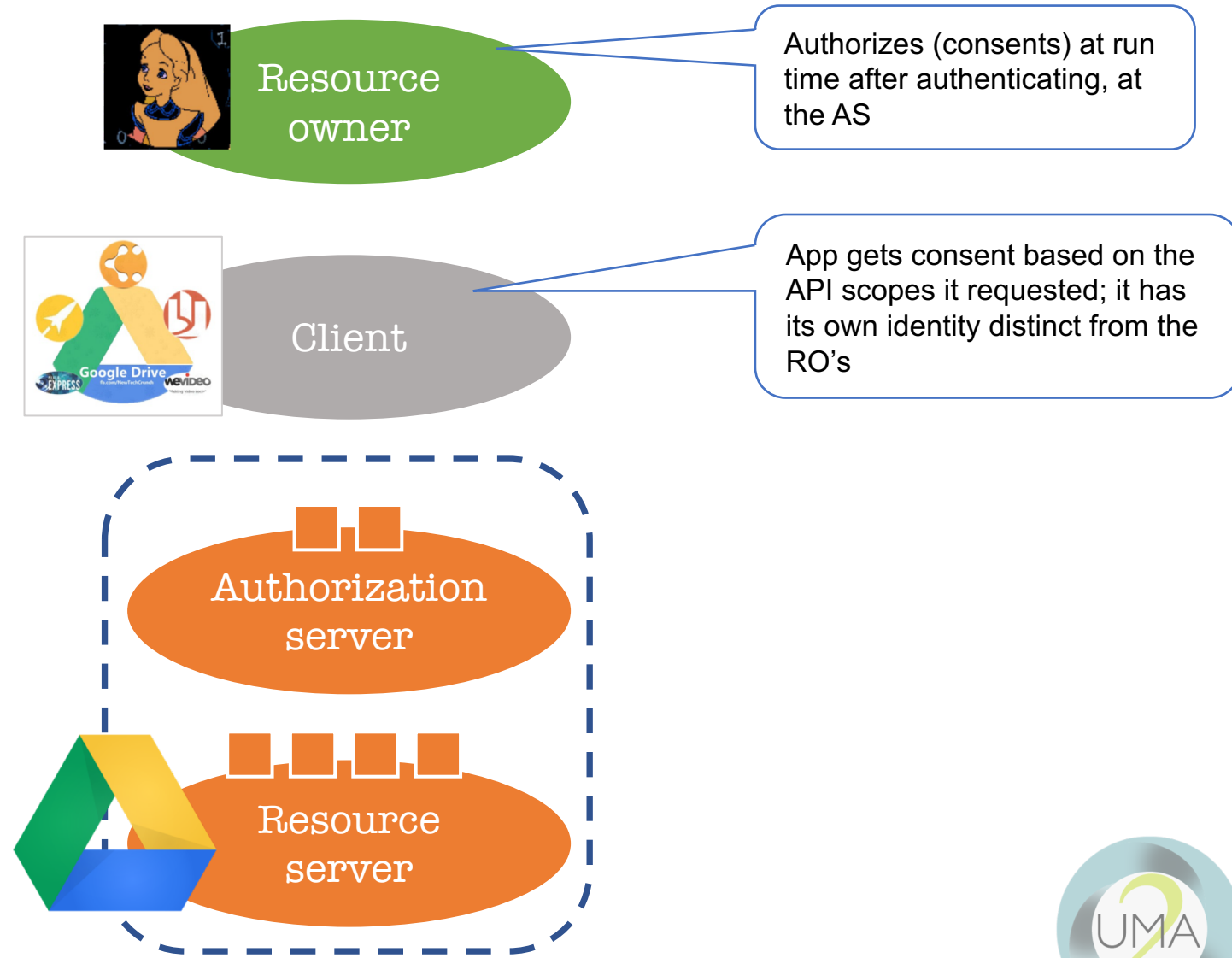
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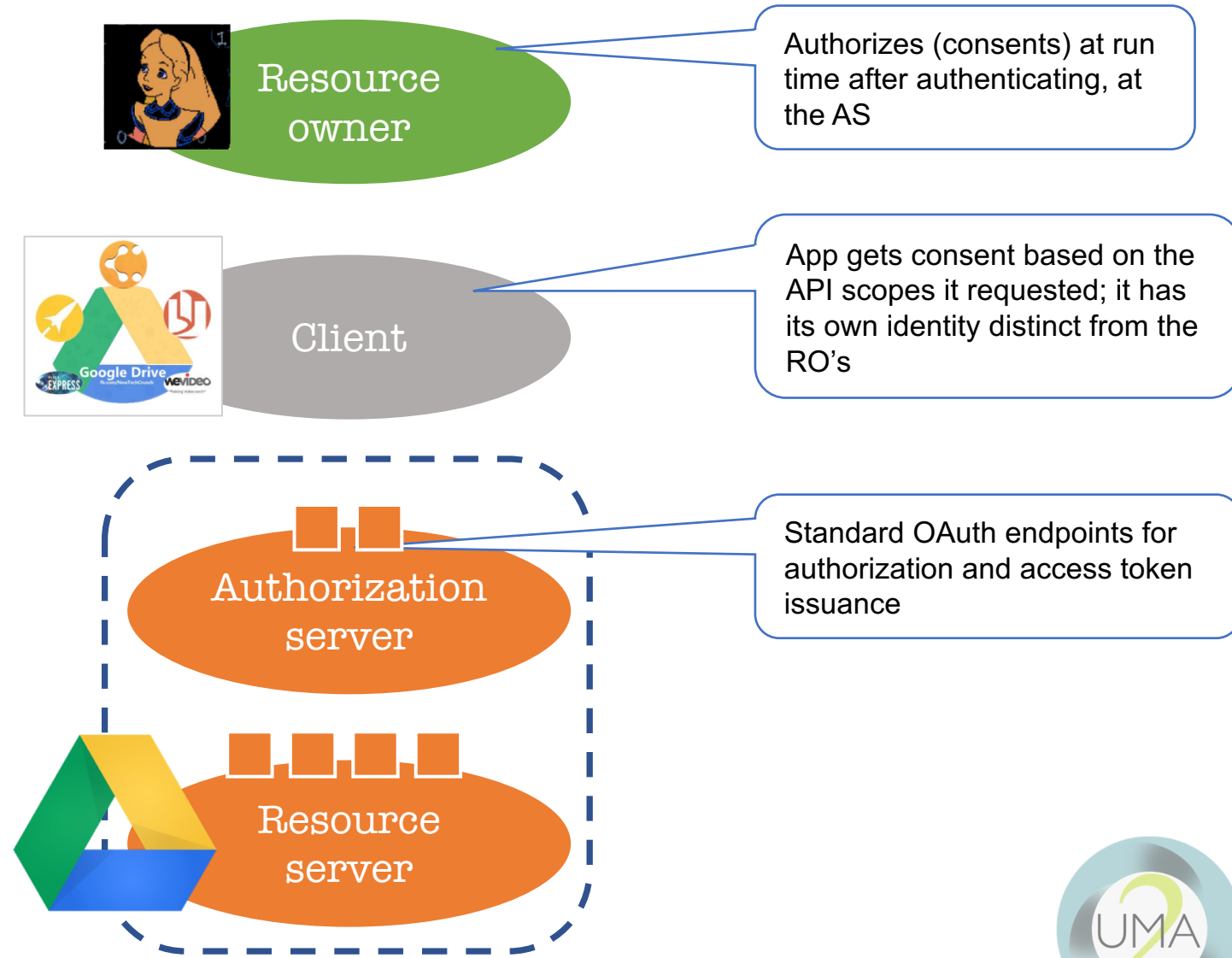
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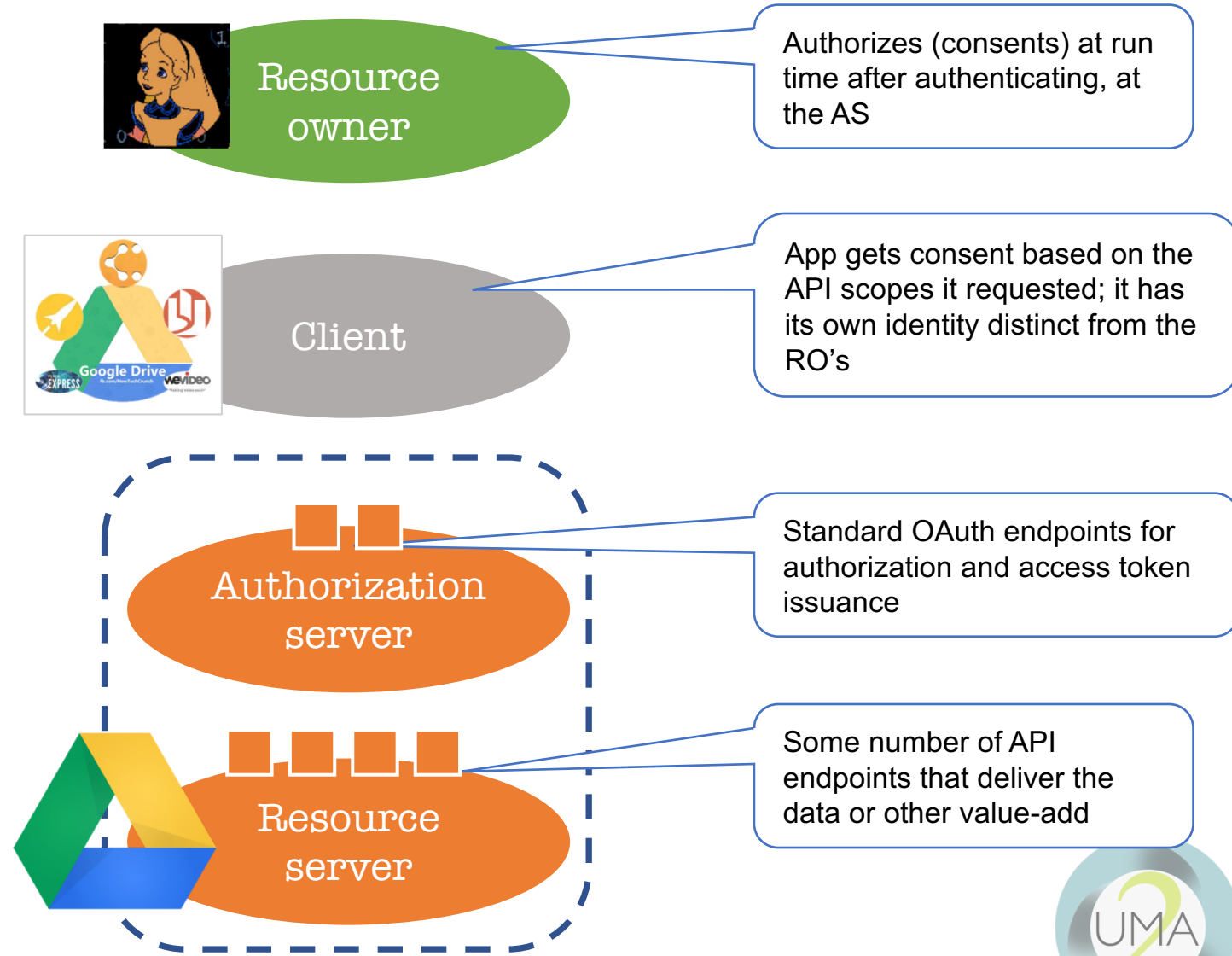
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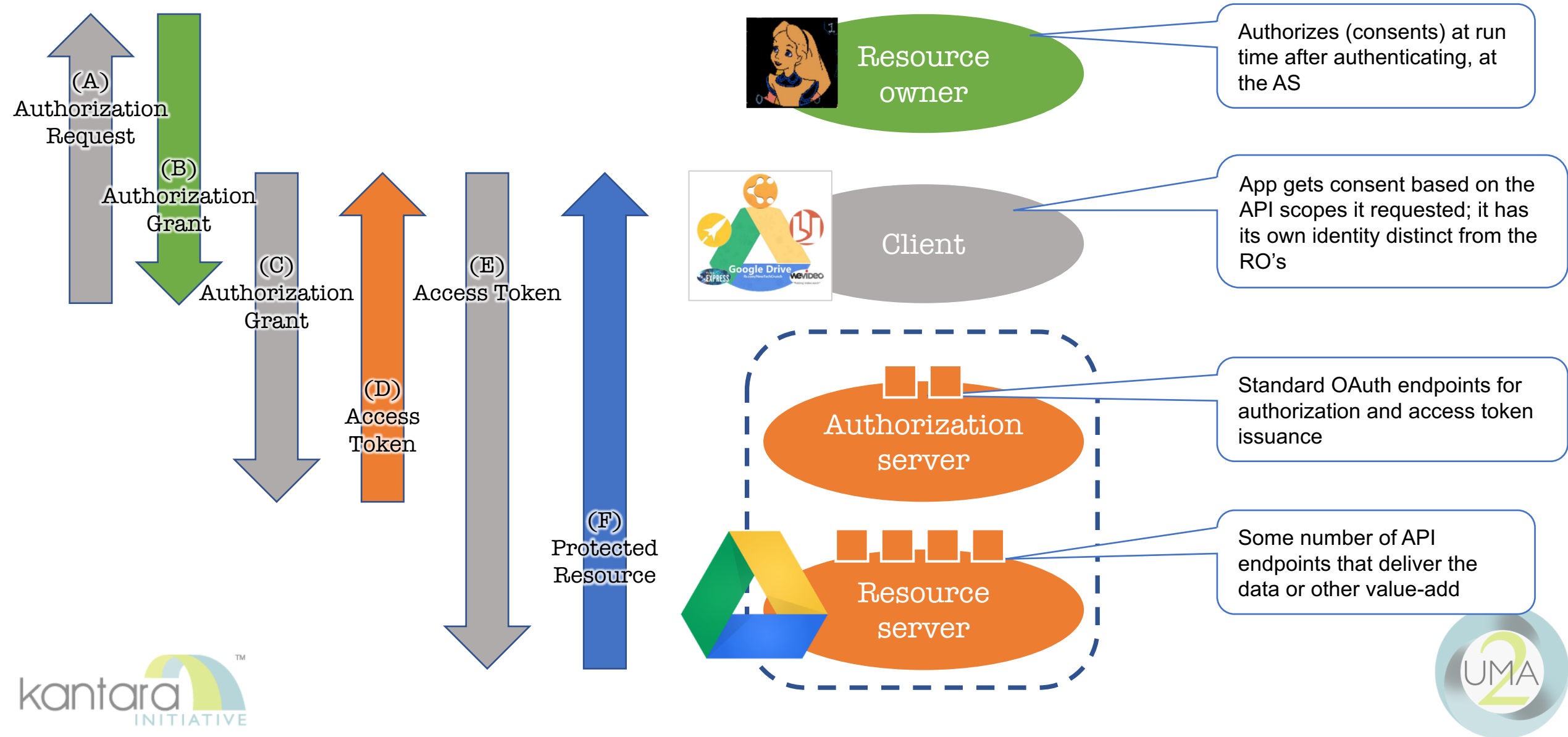
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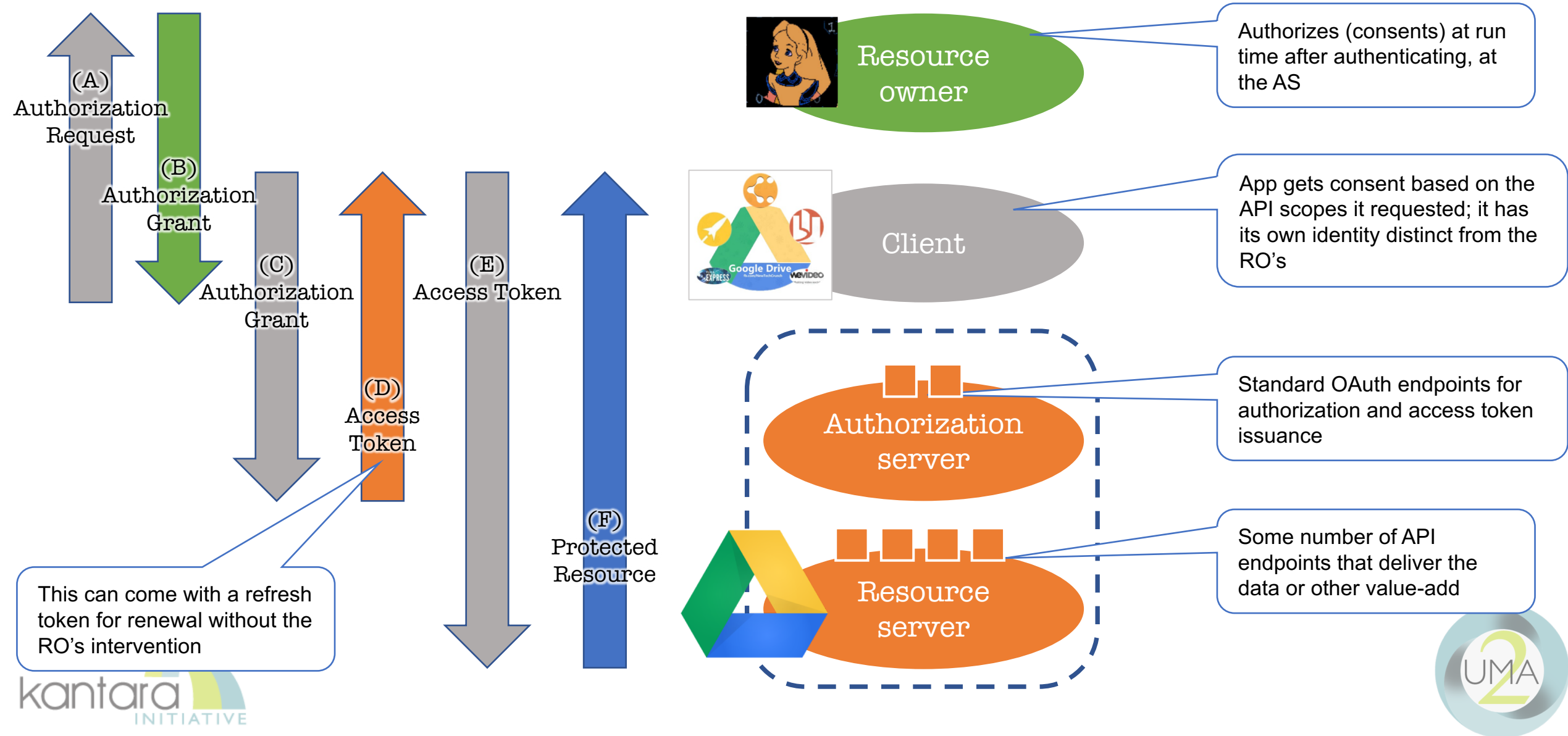
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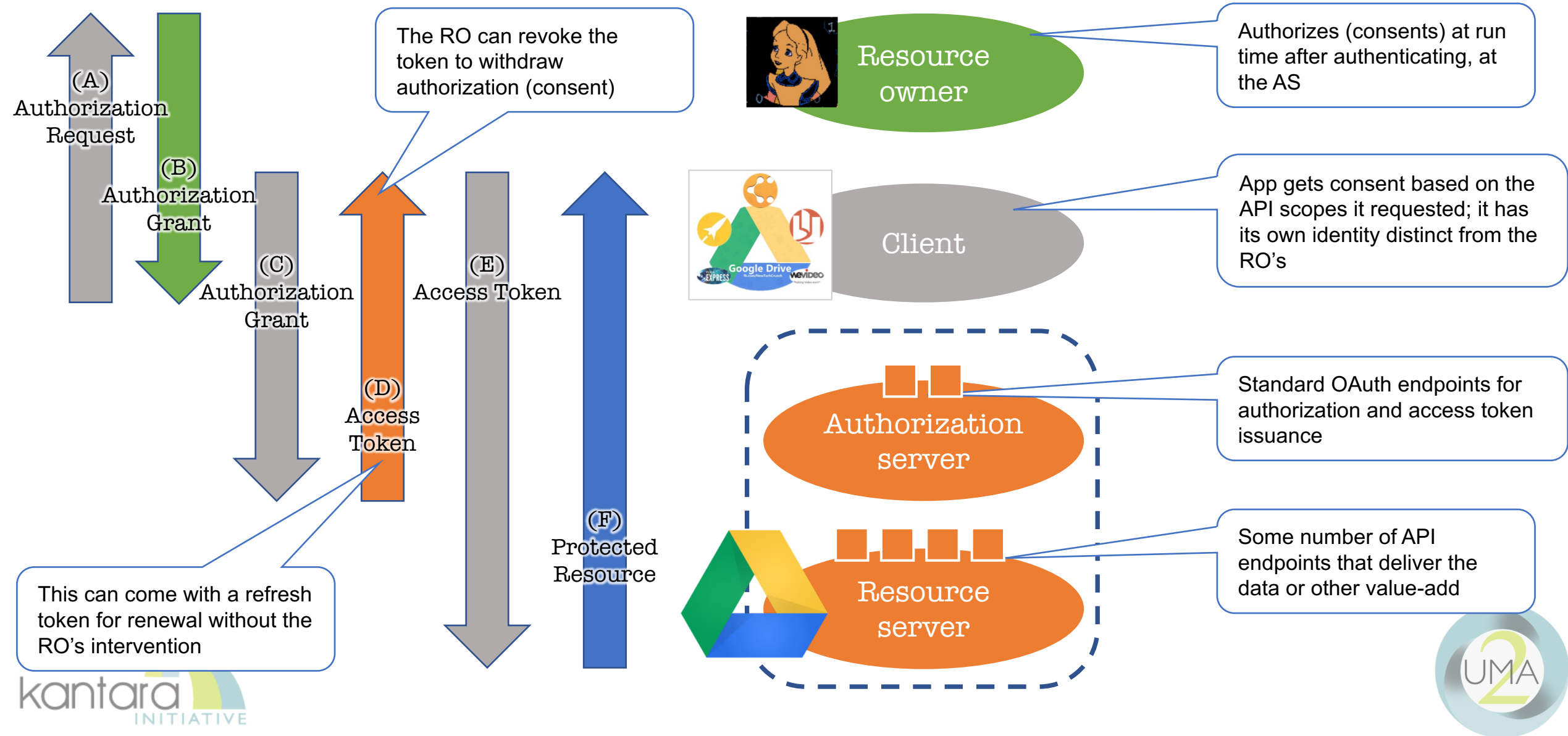
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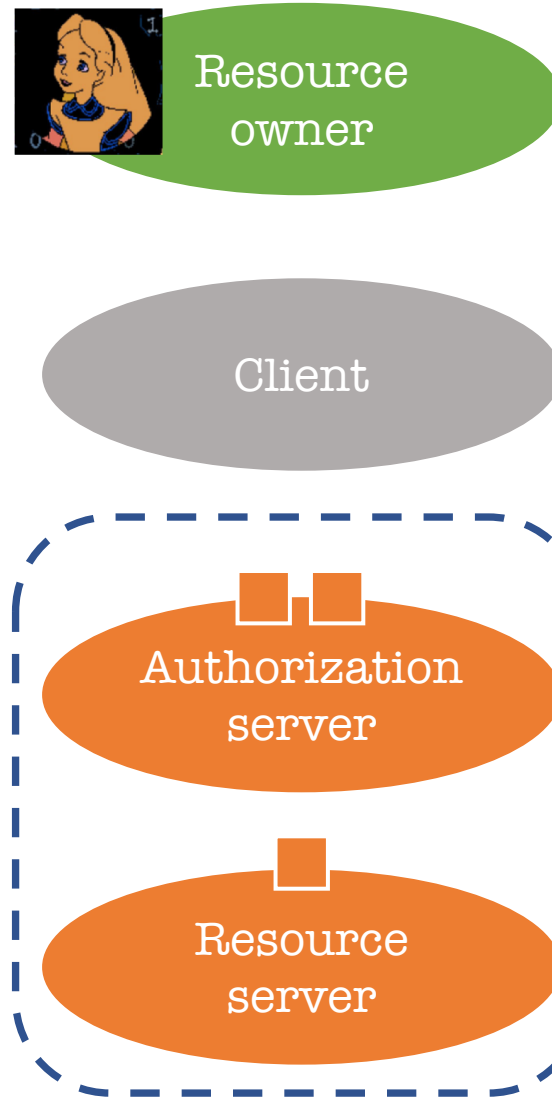
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# OpenID Connect does modern-day federation

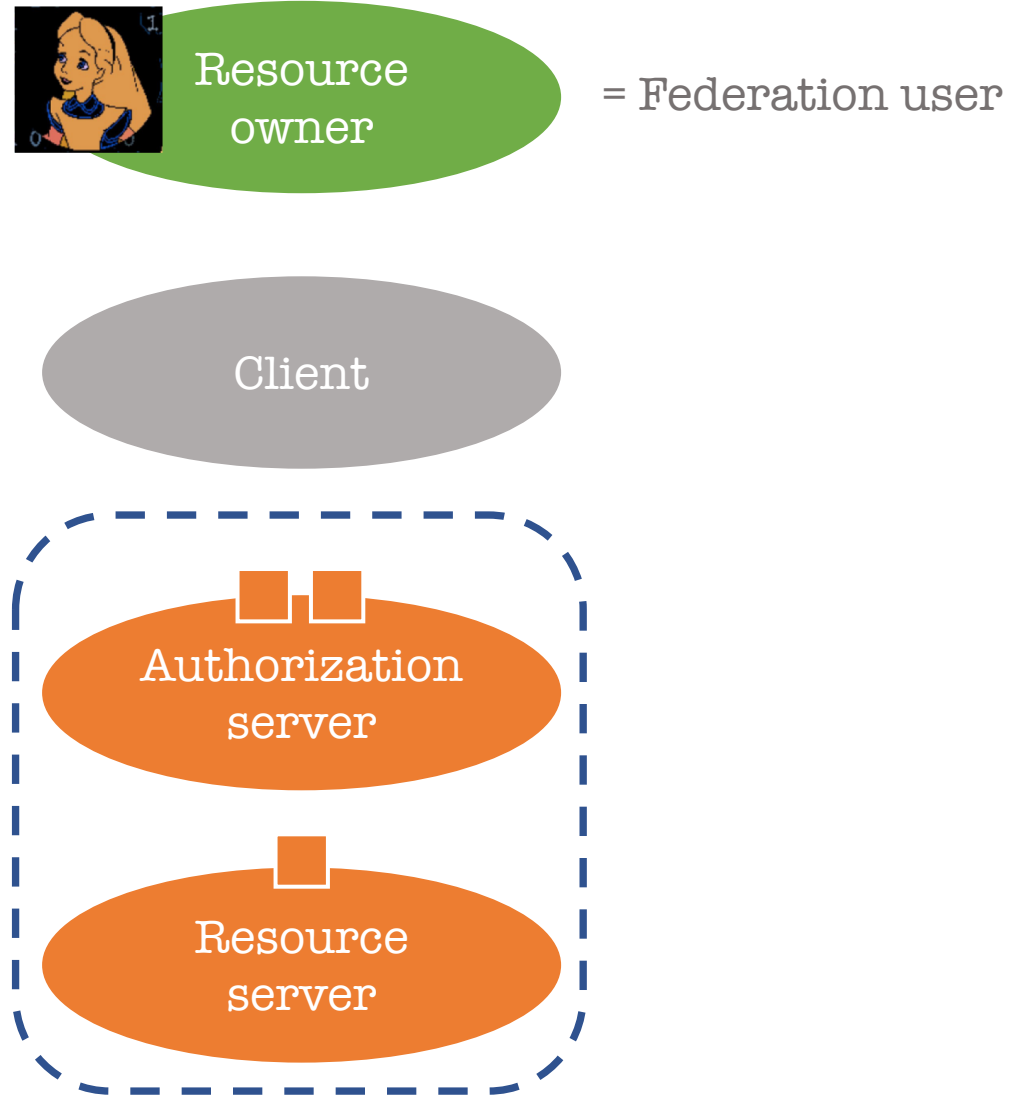
It is an OAuth-protected identity API, plus a bit more





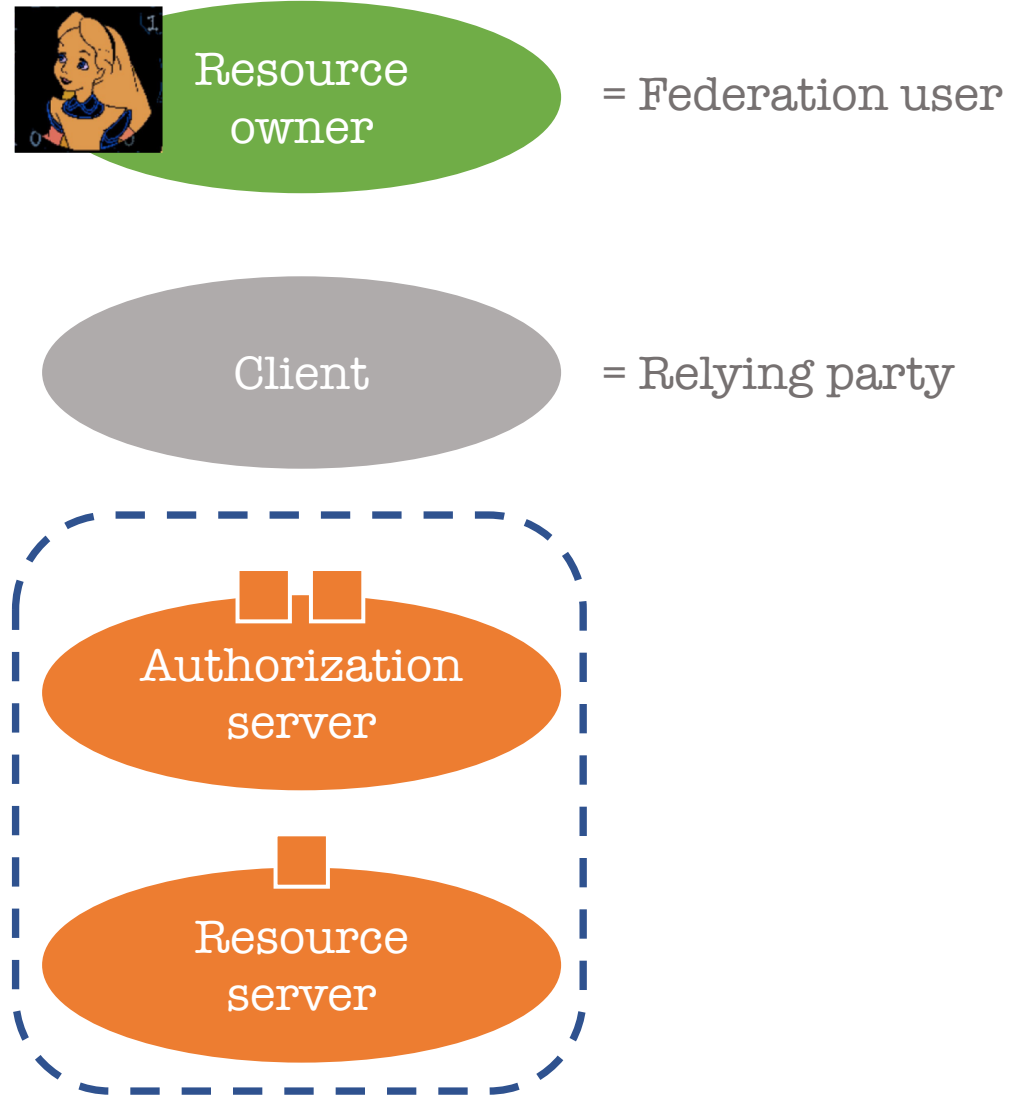
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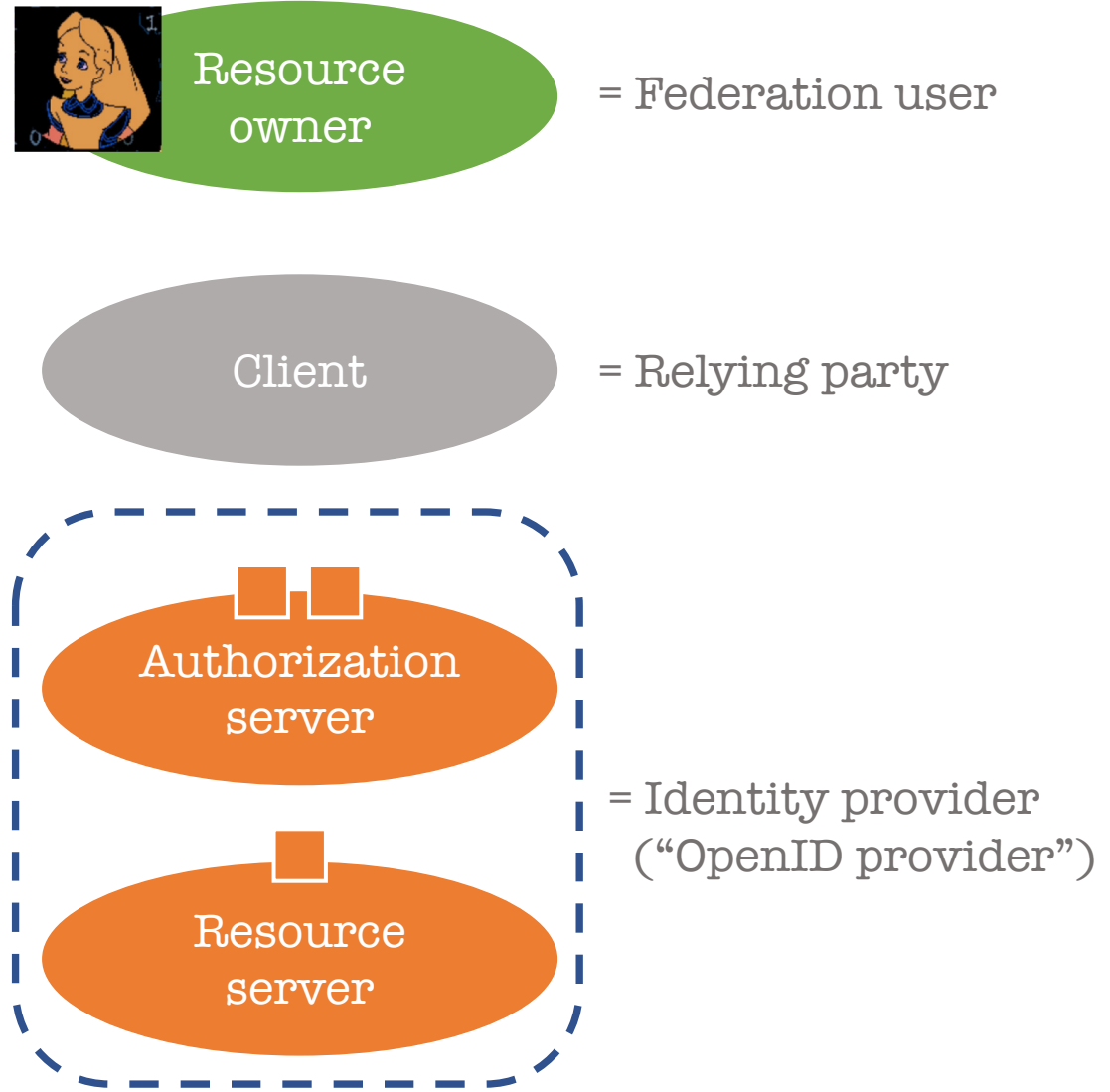
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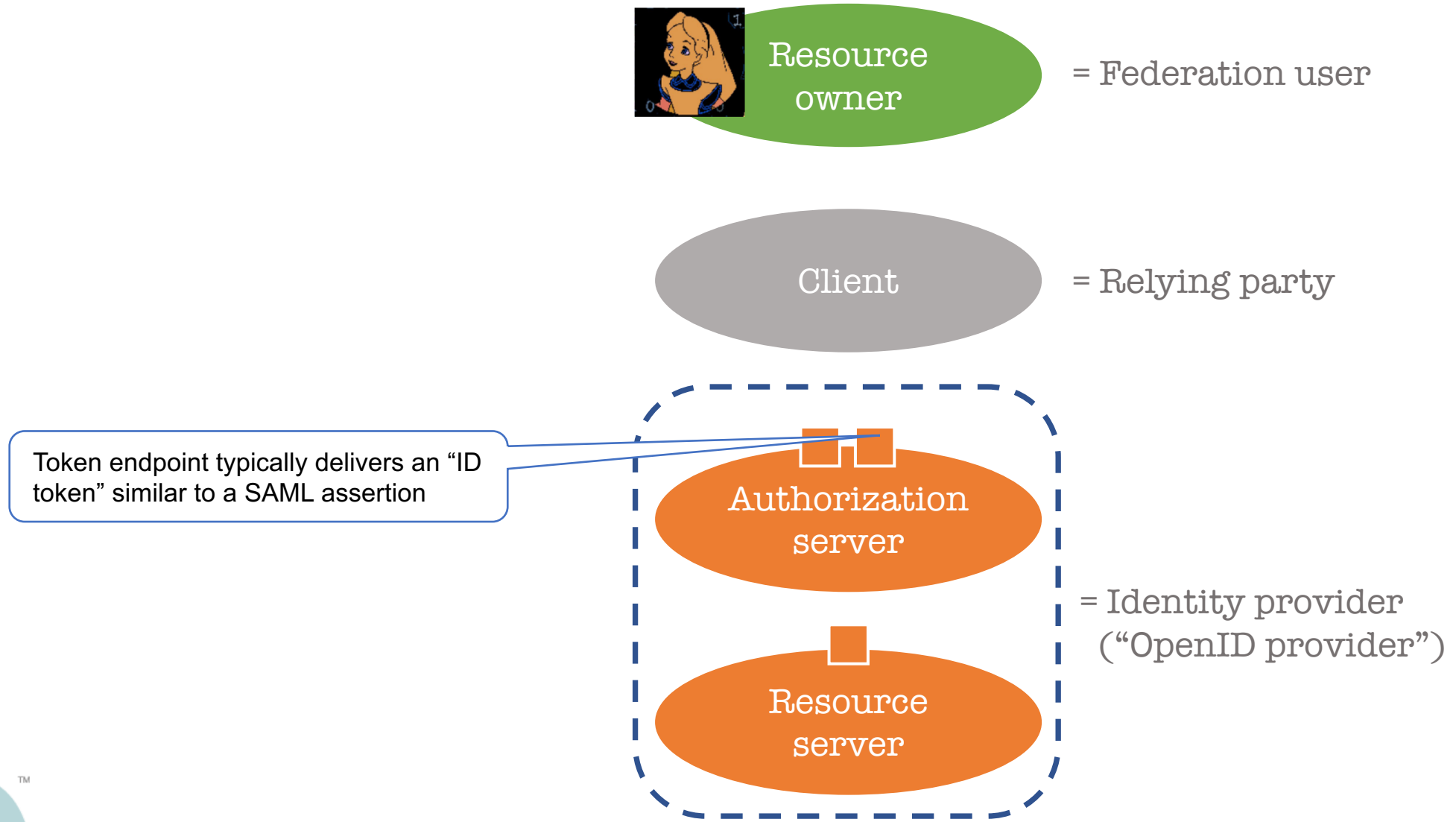
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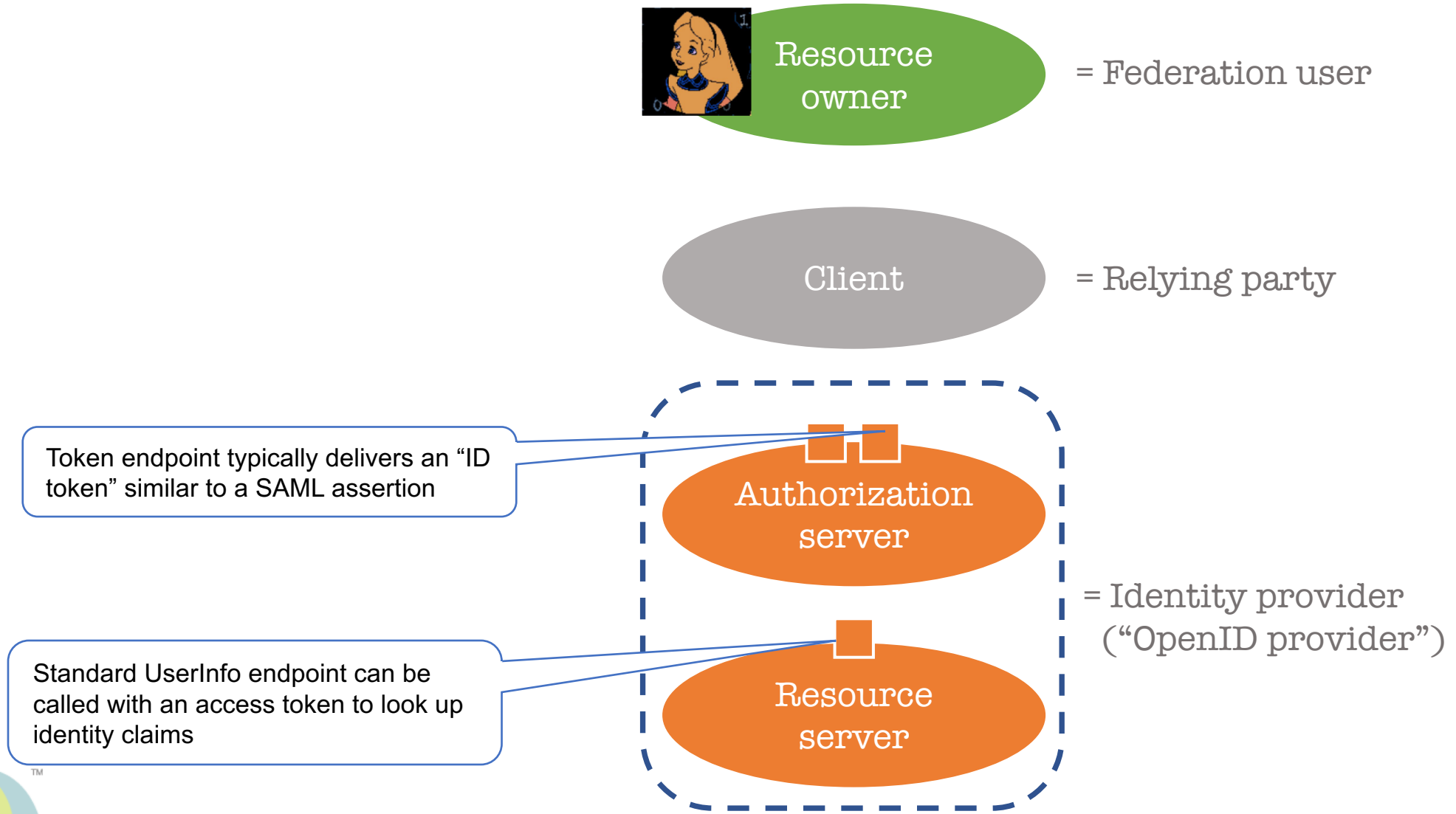
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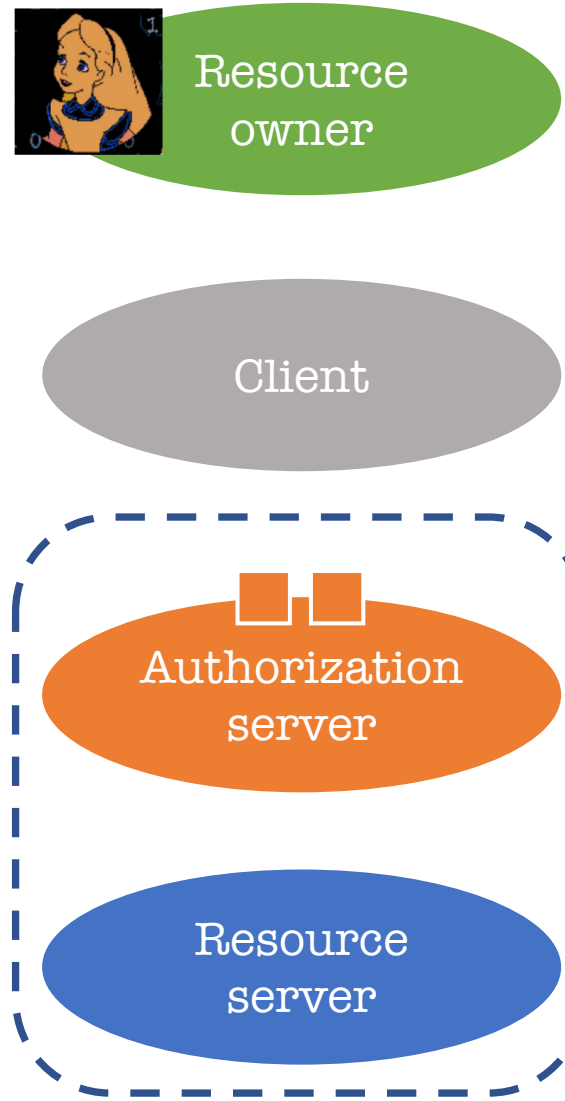
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# User-Managed Access is for cross-party sharing

UMA brings next-gen delegation and consent to OAuth

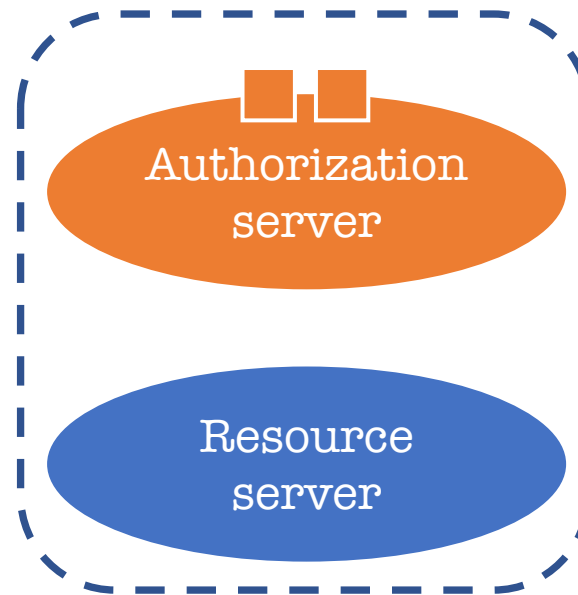


# User-Managed Access is for cross-party sharing

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Resource  
owner



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UMA brings next-gen delegation and consent to OAuth



Resource  
owner





# User-Managed Access is for cross-party sharing

UMA brings next-gen delegation and consent to OAuth



Resource  
owner



Requesting  
party



Client



Authorization  
server



Resource  
server



Resource  
server



Resource  
server

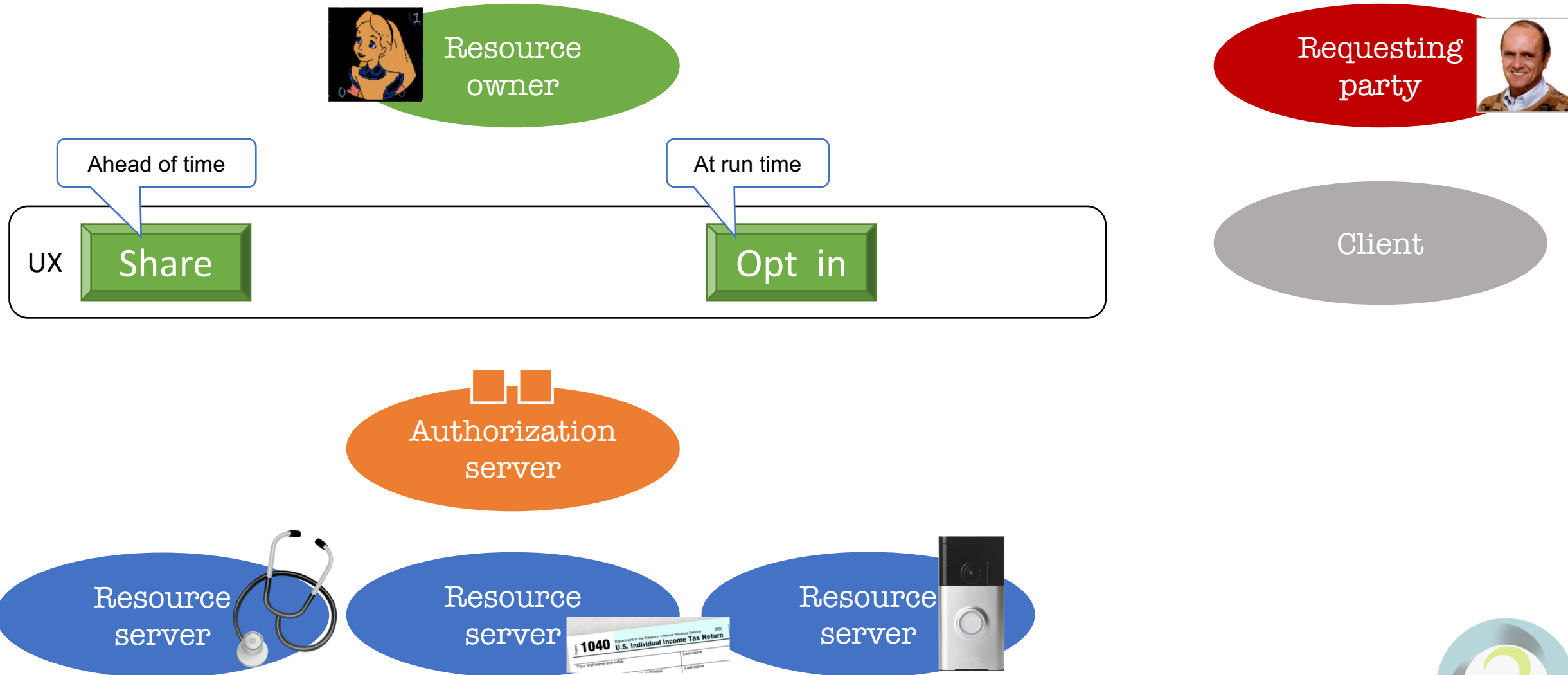
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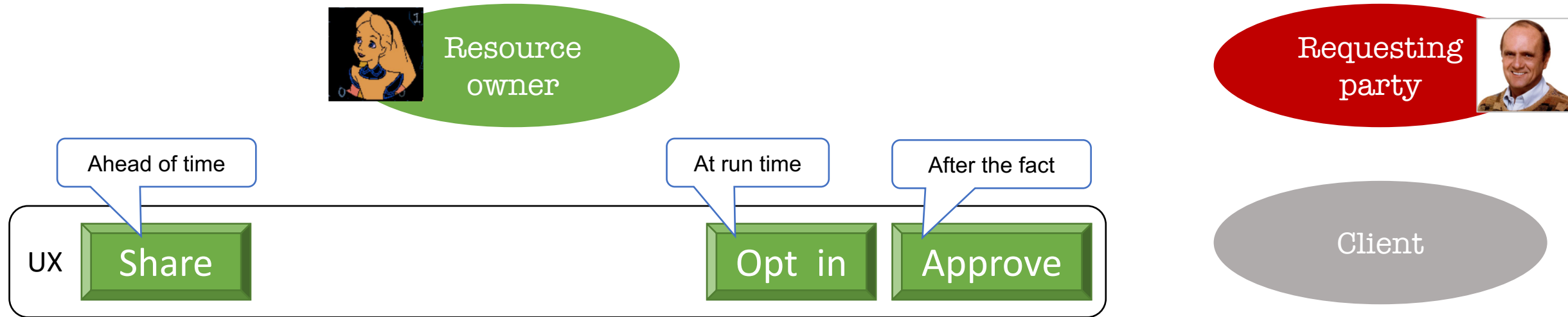
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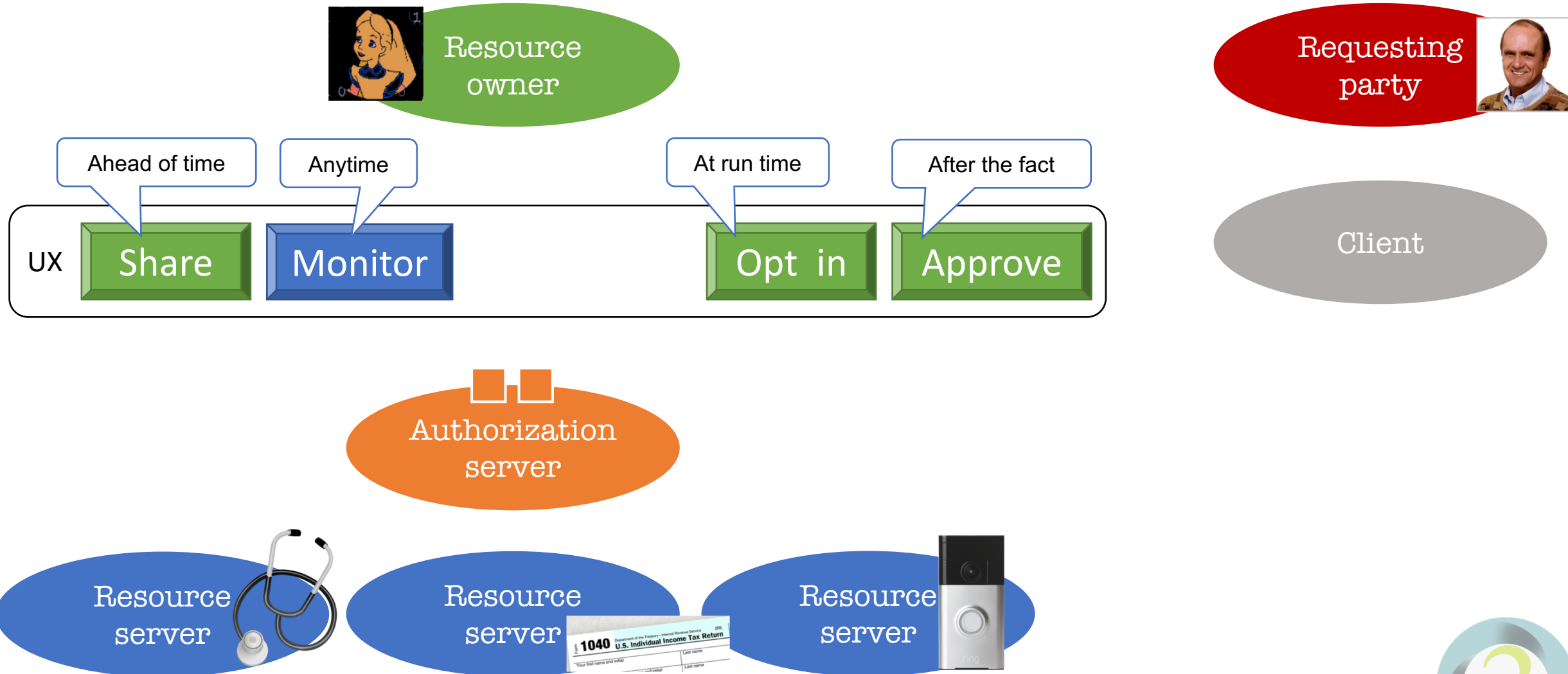
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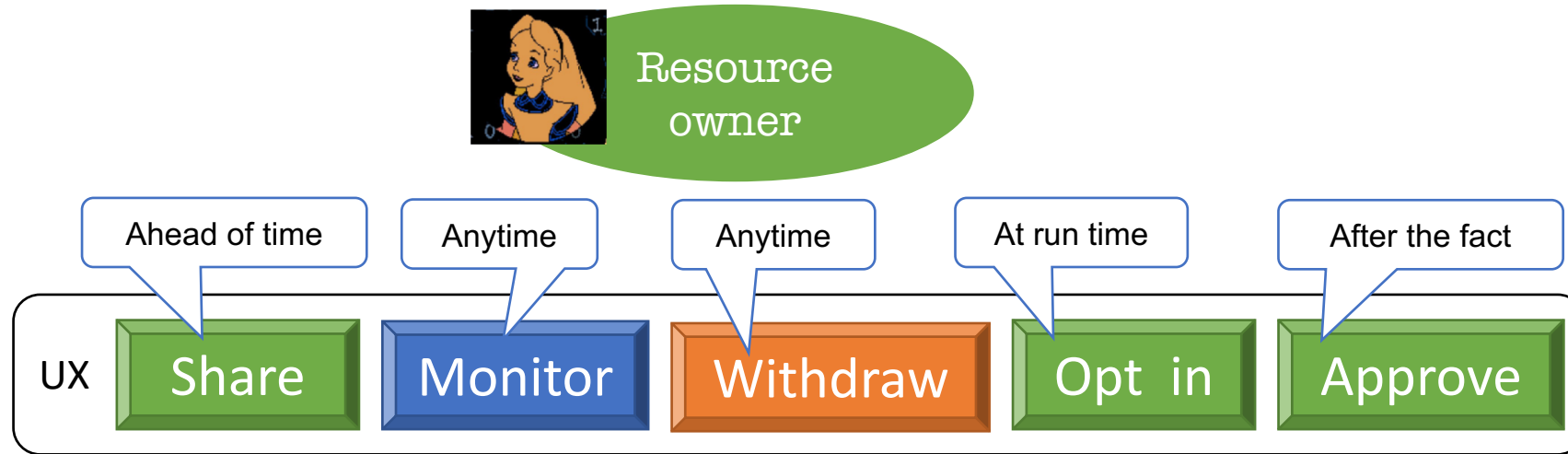
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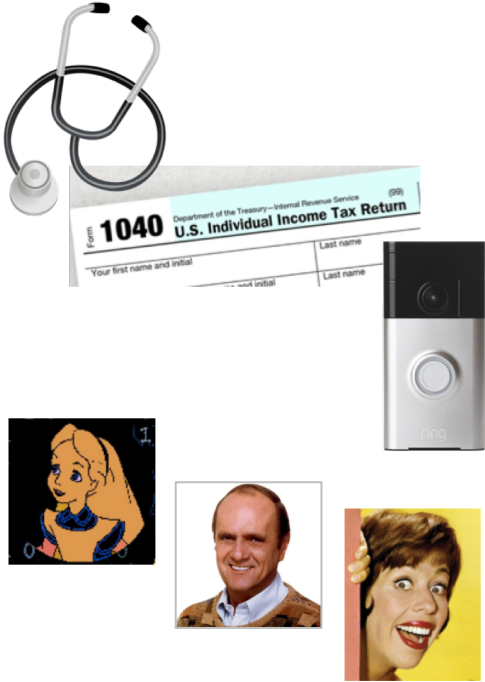


# Key benefits of UMA to service providers

True security of delegated access



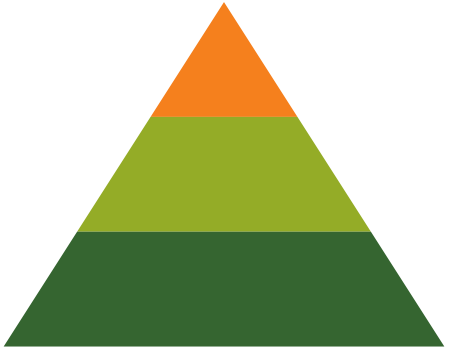
Scalability of resource permissioning



API-first protection strategy

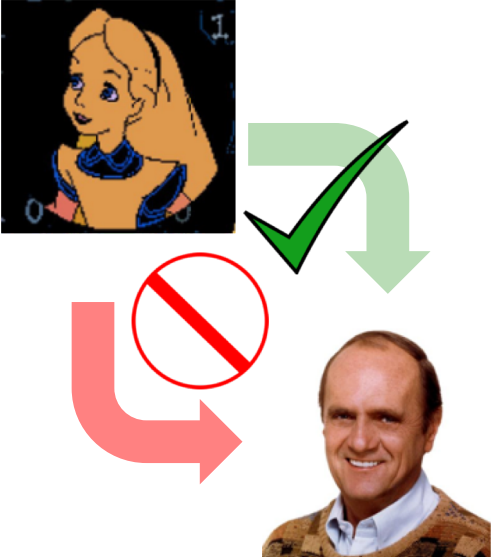


Fosters control for compliance and trust

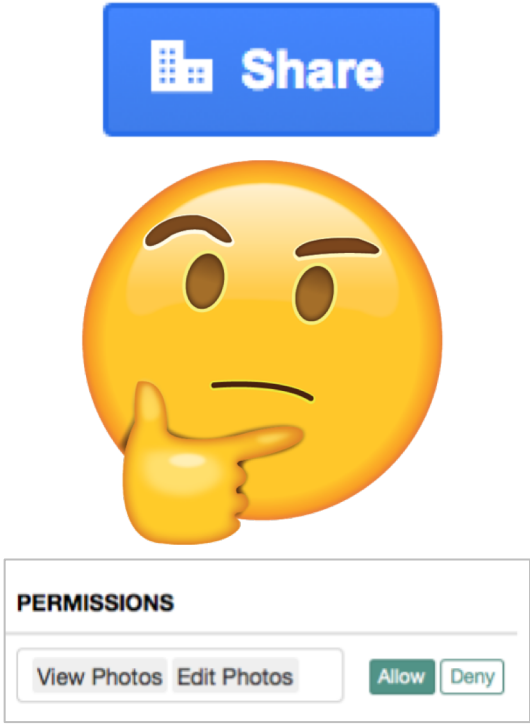


# Key benefits of UMA to consumers

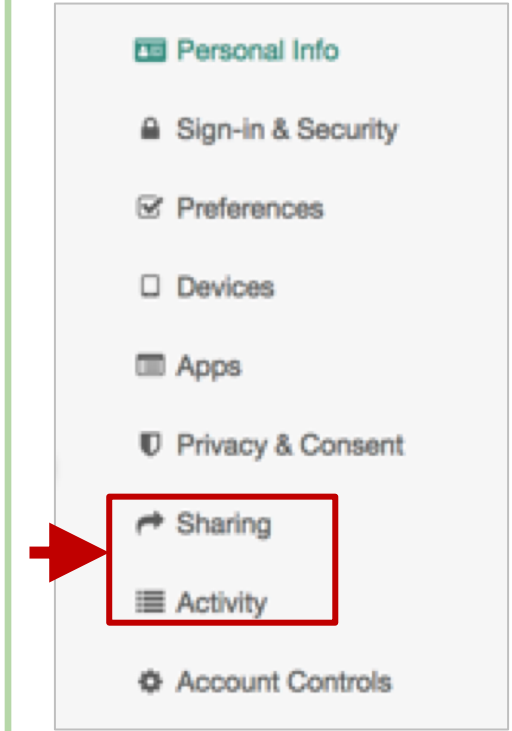
Constrained party-to-party delegation



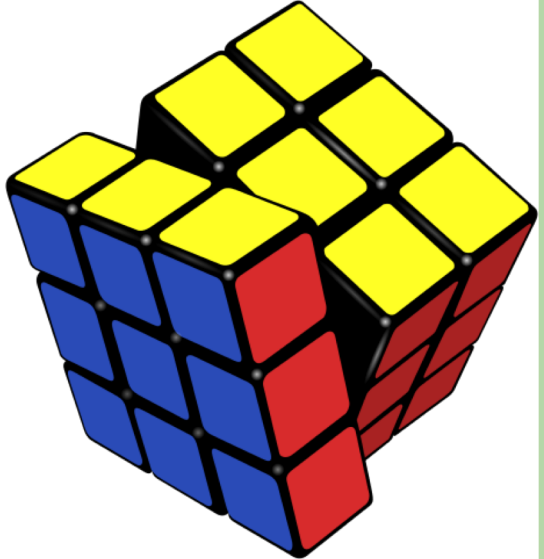
Granting consent without external influence



Centralized monitoring and management



Control of consents at a fine grain





# Questions? Thank you! Join us!

Eve Maler, WG chair

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15 May 2018

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