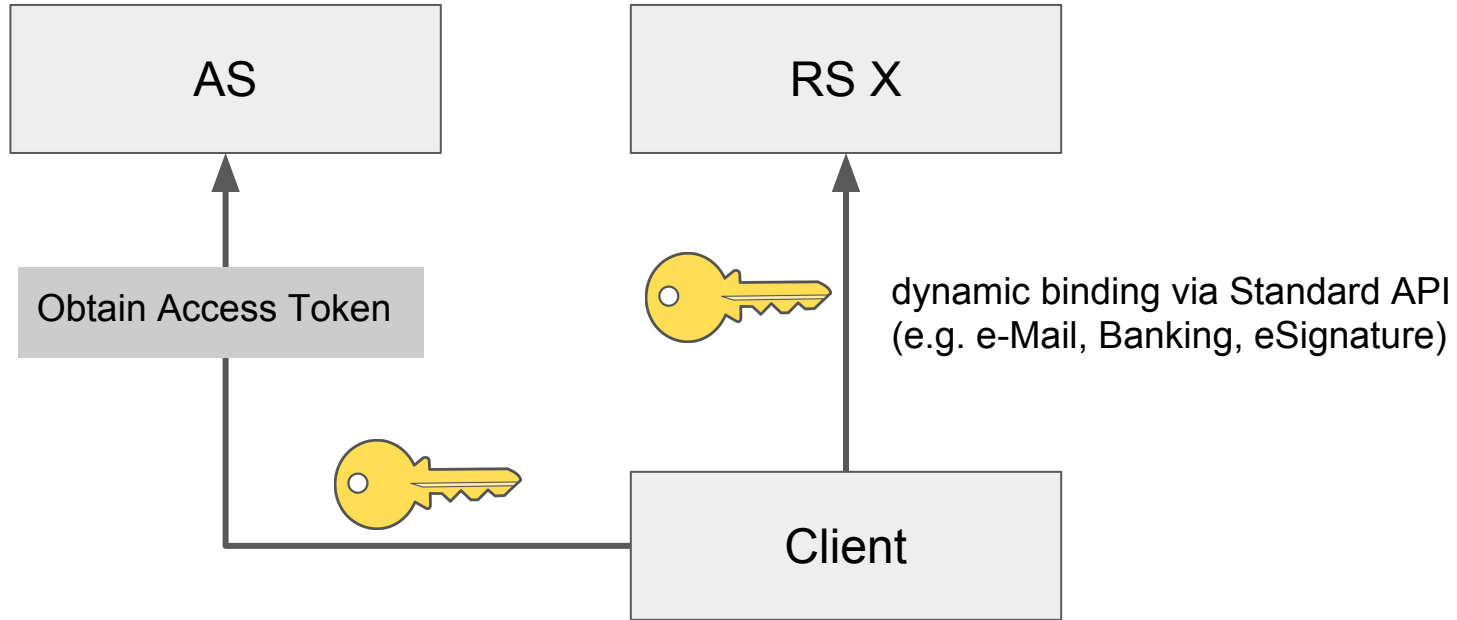


# Access token phishing

John Bradley, Torsten Lodderstedt

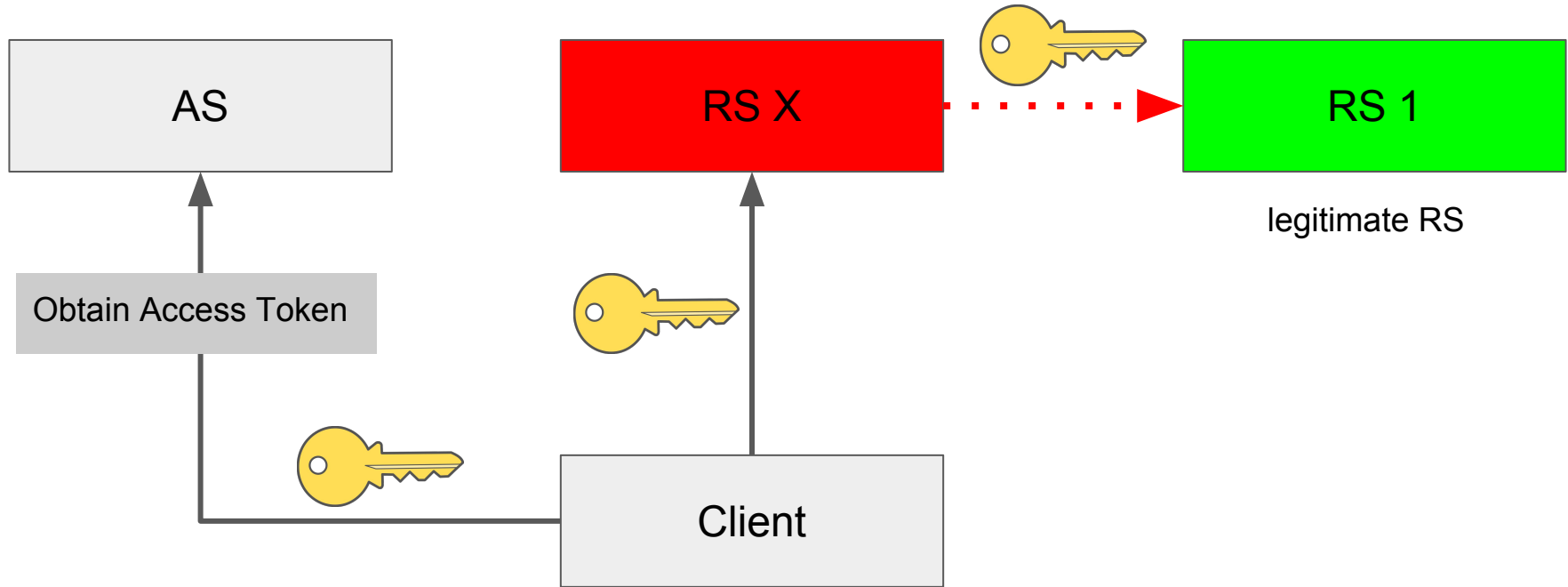
OAuth Security Workshop  
July 13&14 2017, ETH Zurich

# What's the setup?



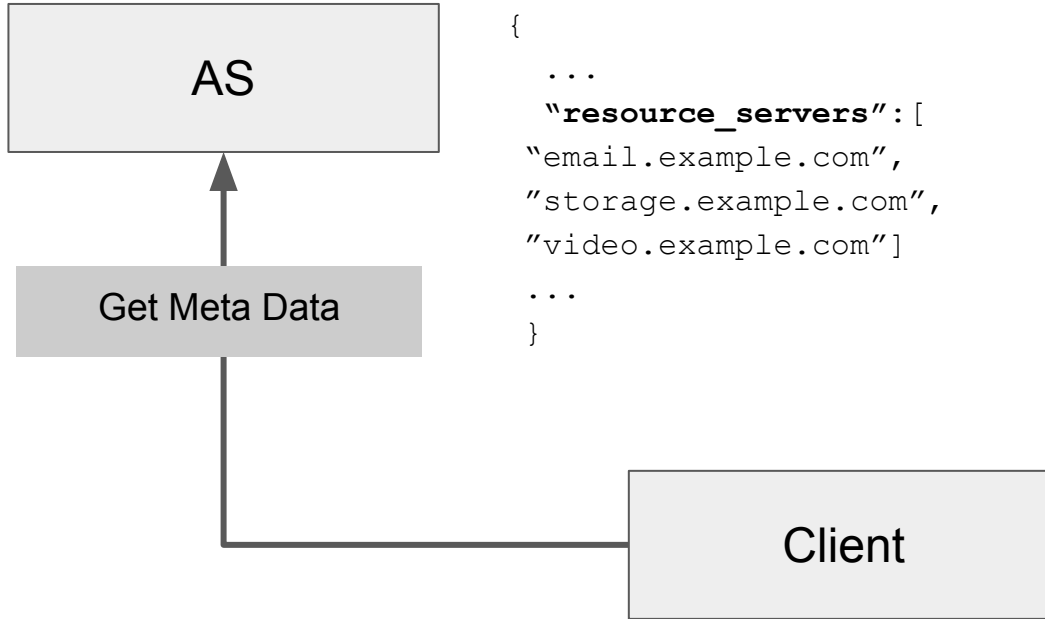
What if ...

... RS X is a bad guy?



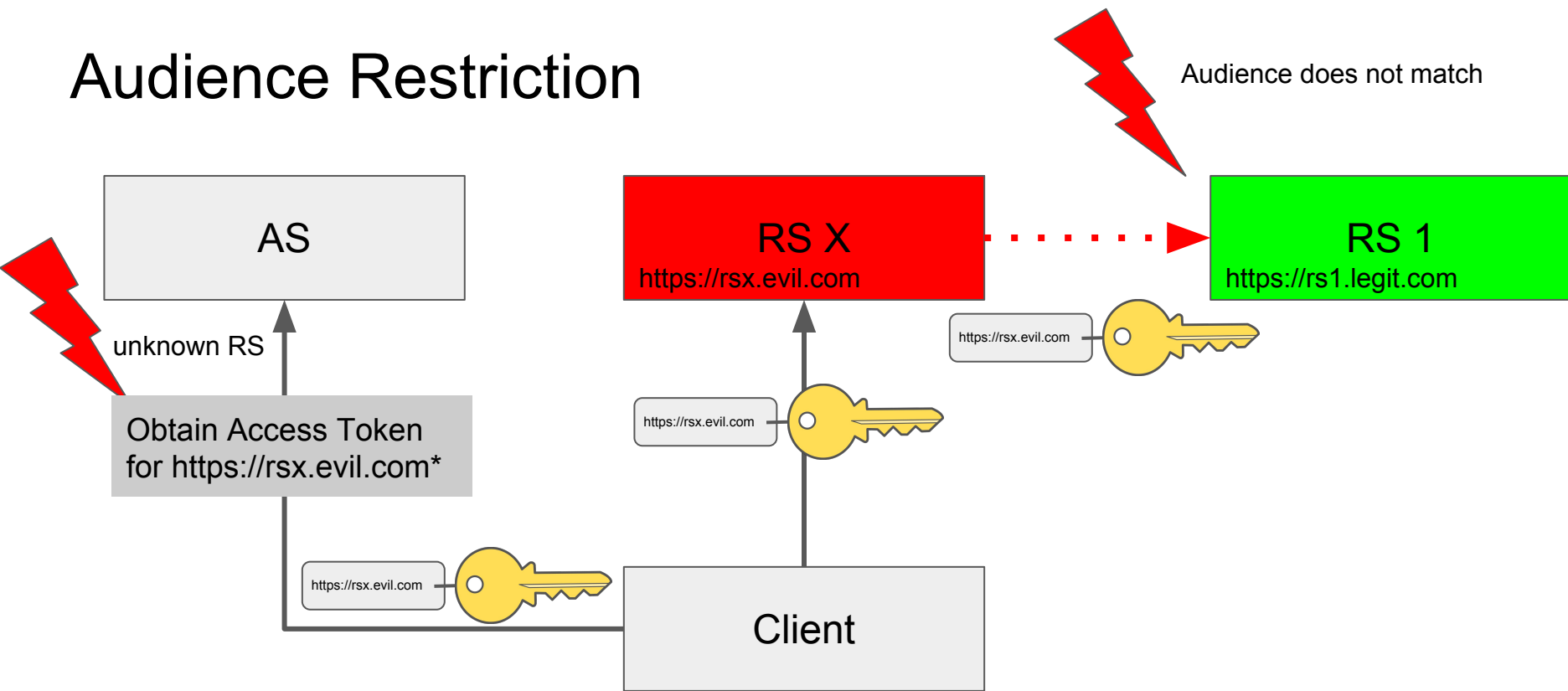
What can we do?

# What if the client would know upfront which places it is safe to send access tokens to?



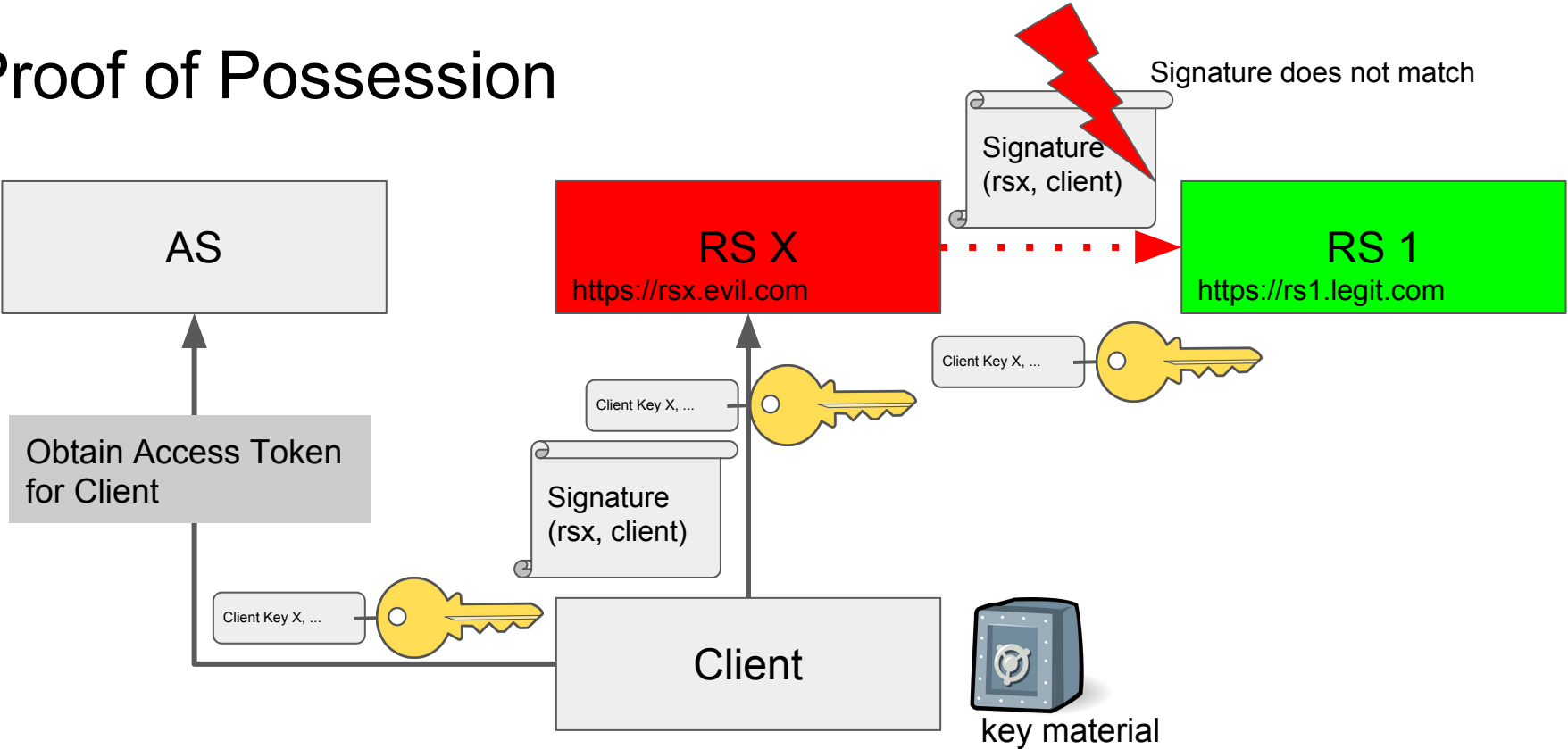
puts the burden of security checks to clients

# Audience Restriction



\* e.g. using <https://tools.ietf.org/html/draft-campbell-oauth-resource-indicators>

# Proof of Possession





# Proof Possession (Existing Proposals)

- Transport
  - Token Binding - draft-ietf-oauth-token-binding
  - MTLS - draft-ietf-oauth-mtls
- Application
  - Signed Request - draft-ietf-oauth-signed-http-request
  - J-POP - draft-sakimura-oauth-jpop

What do you think?