Consumer Third Party Authentication

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W3C Identity in the Browser Workshop

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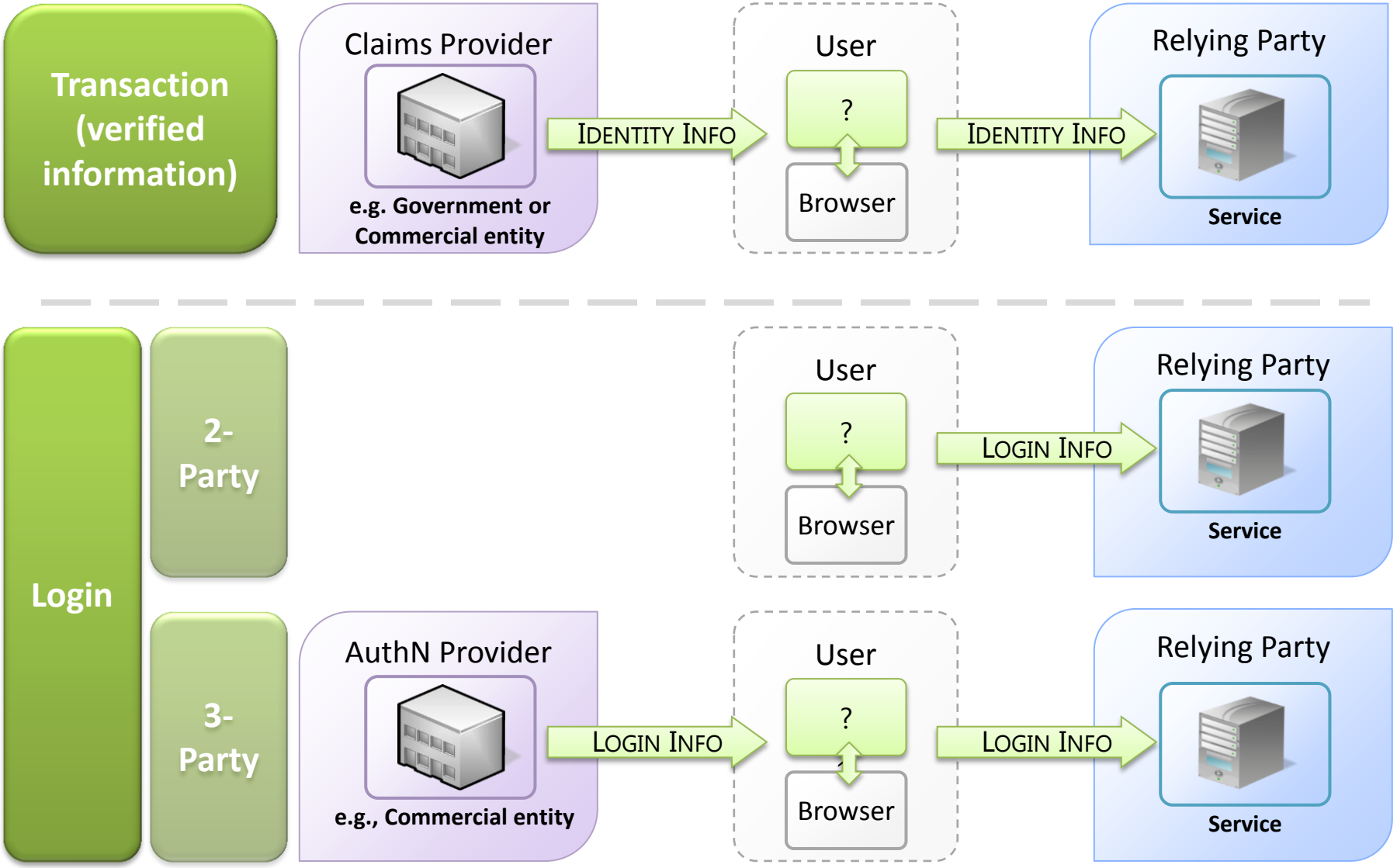
Agenda

- Scenarios Classes
- Challenges
- Solutions
- Practical Next Steps

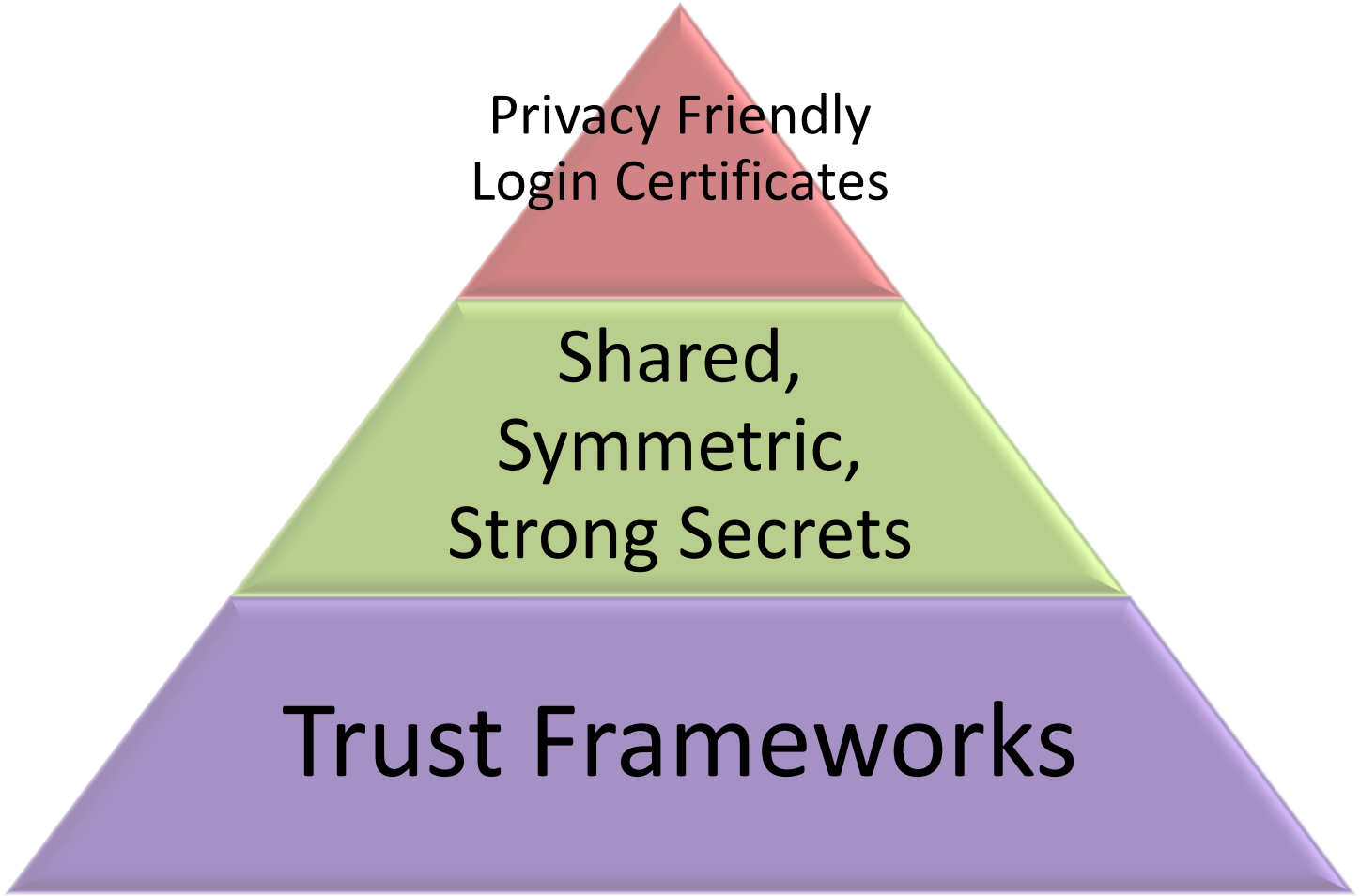
Scenario Classes



Challenges


Privacy
• Authentication events
• Tracking across sites
Brand Experience
Reliability
• Availability
• Support

Solutions


Privacy Friendly
Login Certificates
Shared,
Symmetric,
Strong Secrets
Trust Frameworks

Practical Next Steps

- Identifier and shared secret (a.k.a. username and password)
  - Form field annotation
  - Change process, linking additional identifiers
  - Minimum standards for generation, encryption / sync
- Authentication trigger
  - For interactive user, 200 ok
  - For programmatic client, 401 or similar
- Trusted popup for user interactions
  - Align on visuals and mechanisms to trigger
  - Wide variety of scenarios enabled
- Crypto primitives in the browser
  - Start with functional features (SHA, AES, HMAC, random numbers, …)
  - Enable encrypted storage based on variety of key types