Privacy and Proxy Service Provider Accreditation Program

IRT Meeting | 11 April 2017

Agenda

- Follow-up discussion:
  - Authentication of accredited providers that are not registrar-affiliated
  - Registration Data Directory Service (RDDS) labeling

Accredited Providers Not Affiliated With the Registrar

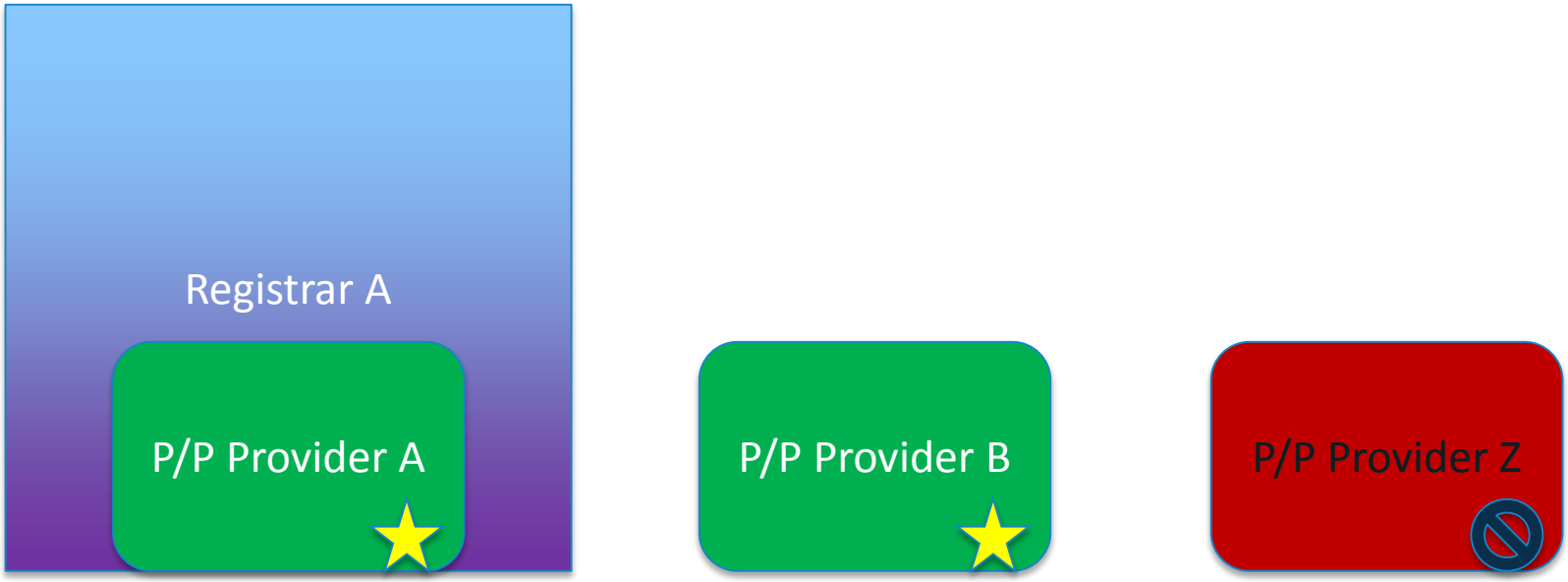
Background: Unaffiliated Providers

- "Registrars are not to knowingly accept registrations from privacy or proxy service providers who are not accredited through the process developed by ICANN." (Final Report, p.7)
- Issue: How will a registrar distinguish between a provider that is (a) unaccredited or (b) accredited, but not affiliated with the registrar?
- Potential solution: Authentication

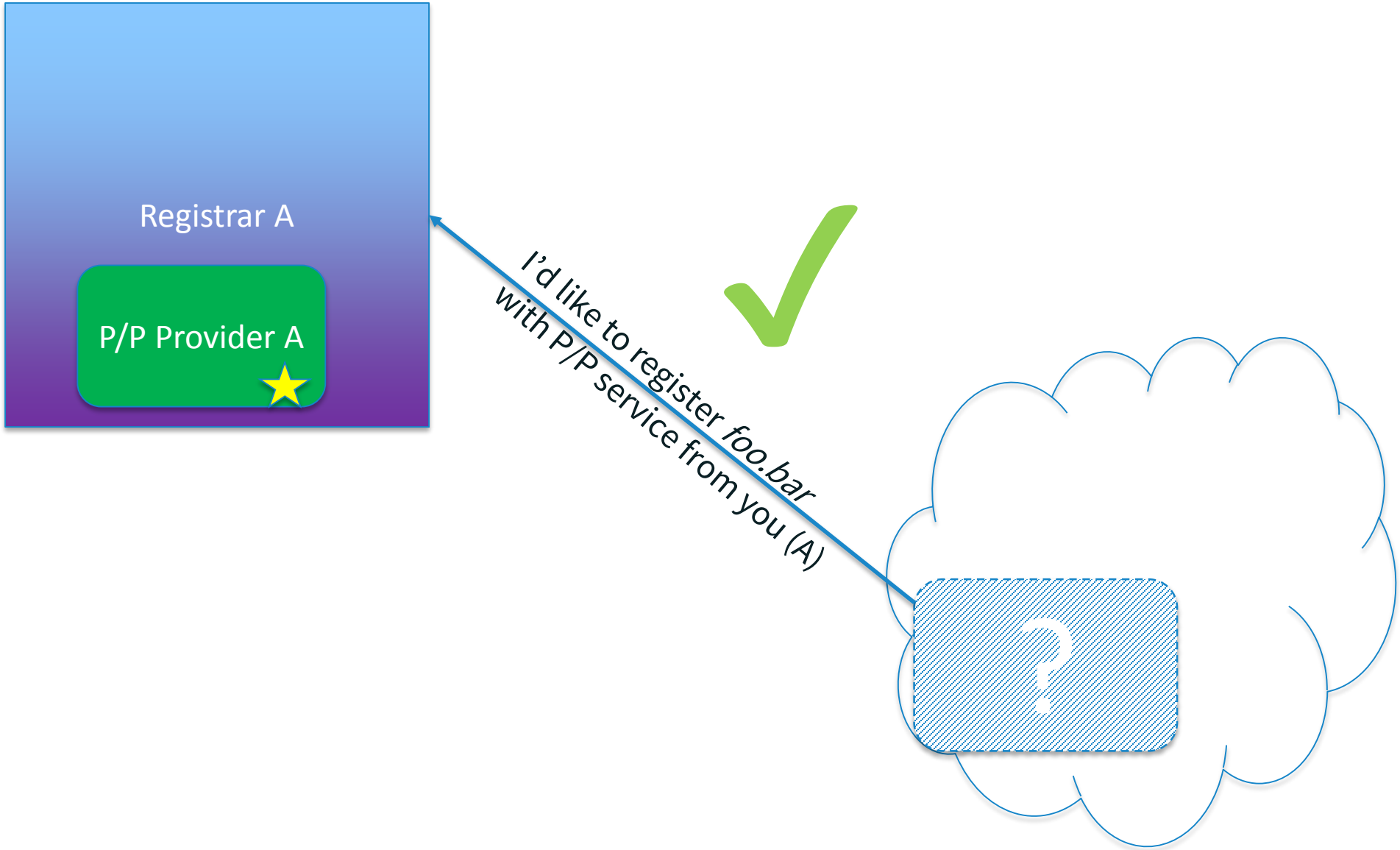
IRT Feedback on Authentication

- We don’t know how this will play out in practice.
- Provider could be required to provide ICANN ID during registration process.

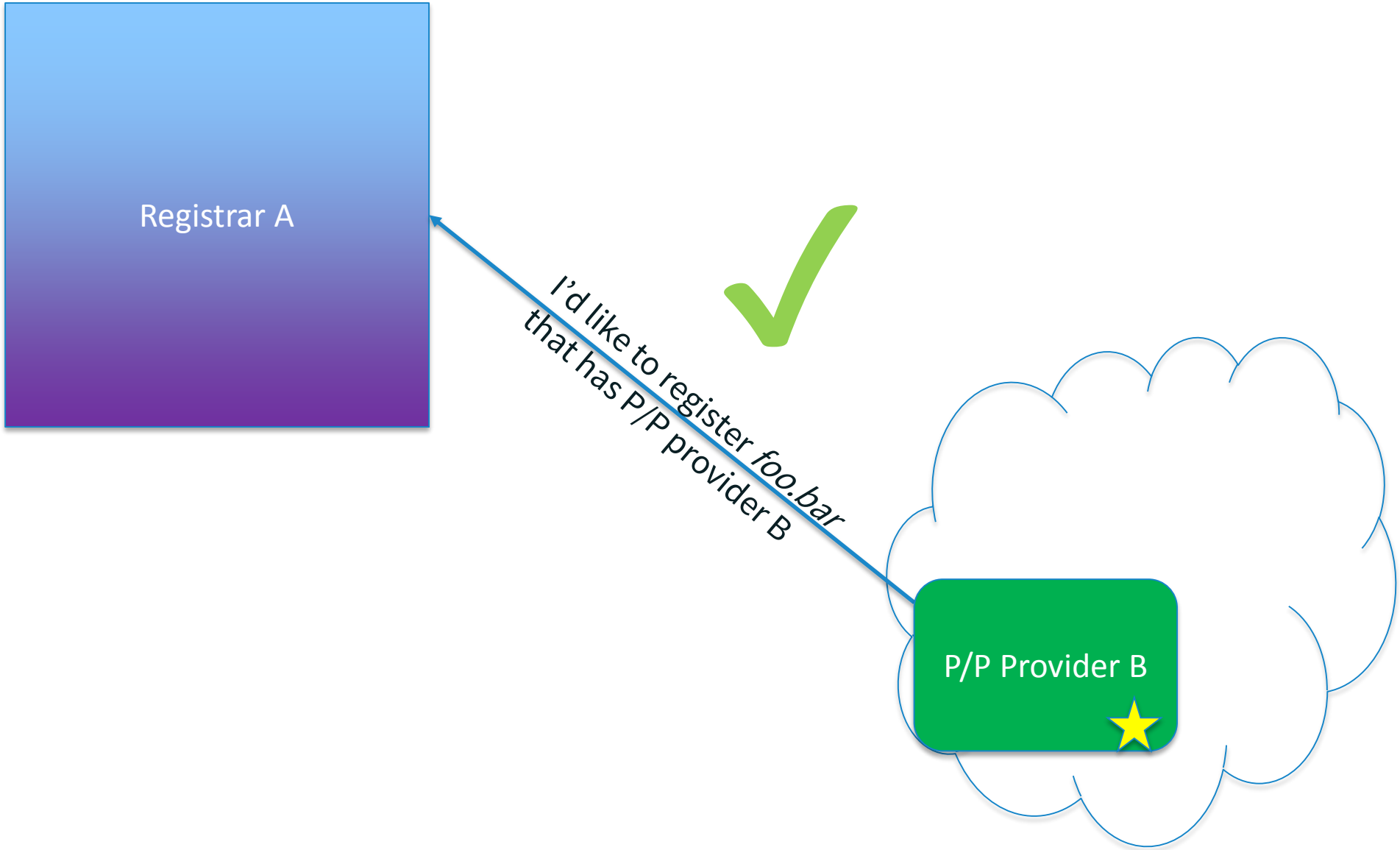
Example



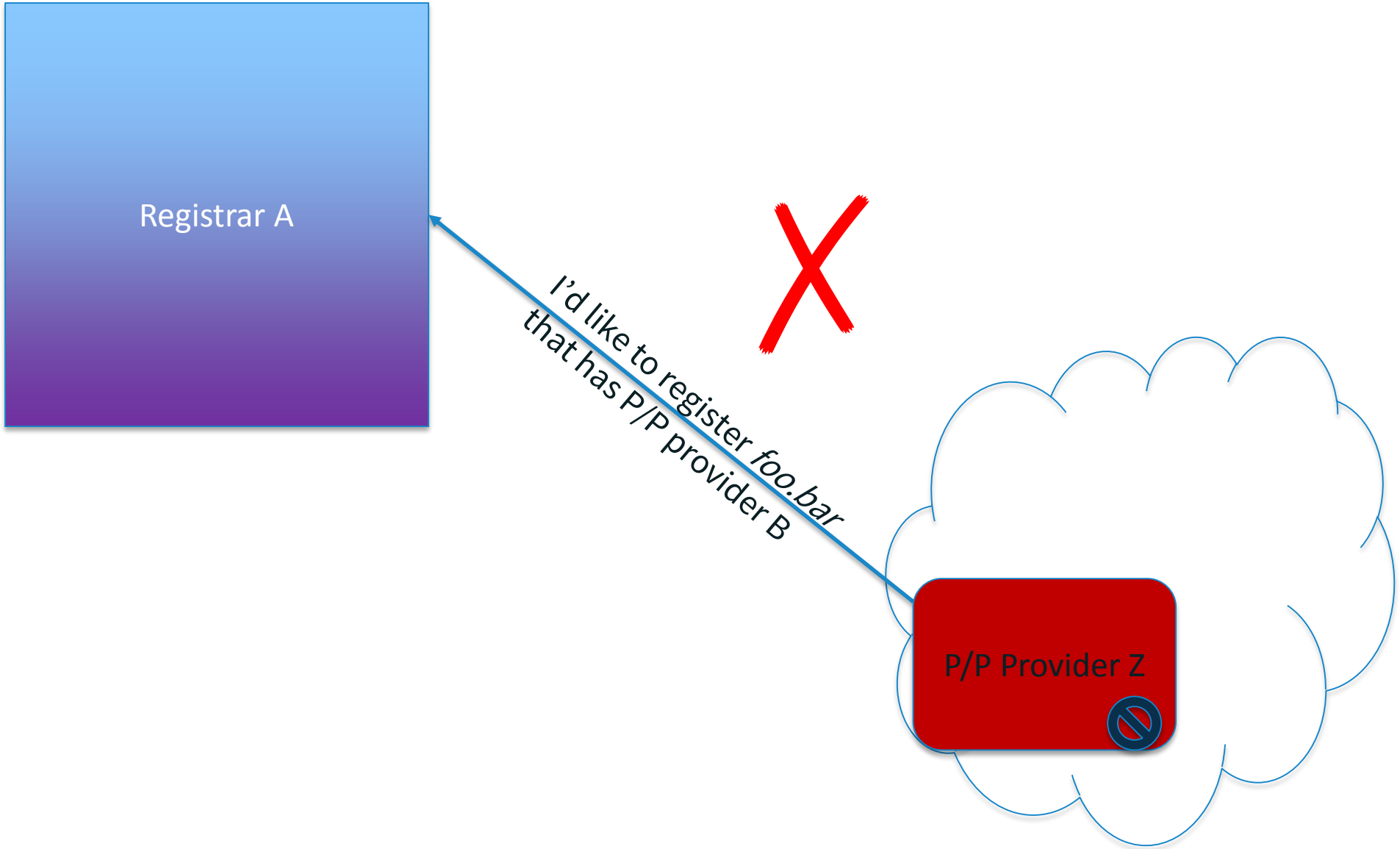
Scenario 1


Registrar A
P/P Provider A
I'd like to register foo.bar with P/P service from you (A)
?

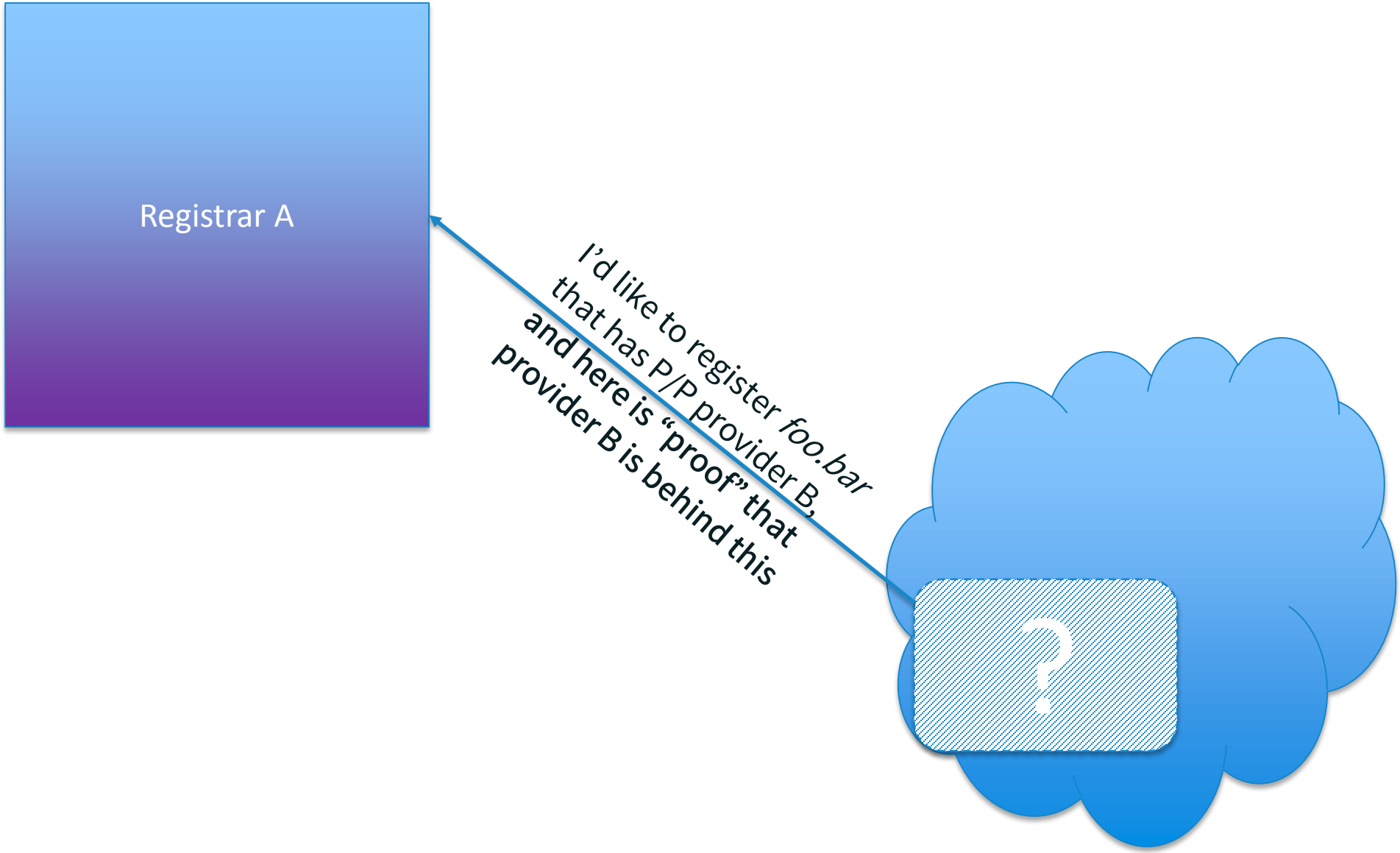
Scenario 2


Registrar A
I'd like to register foo.bar
that has P/P provider B
P/P Provider B

Scenario 3


Registrar A
I'd like to register foo.bar
that has P/P provider B
P/P Provider Z

Authenticate Registrar-Unaffiliated P/P Providers



How to Avoid Scenario 3

1. There are design options for authentication, e.g., Digital Signatures (SMD like), Digital Certificates, Decentralized Authentication Protocols.

2. Alternatively, if the policy recommendations permit, consider not allowing registrar-unaffiliated P/P providers

RDDS Labeling

Background: RDDS labeling

- "To the extent that this is feasible, domain name registrations involving P/P service providers should be clearly labelled as such in WHOIS." (Final Report, p. 9)

- "While this may be possible with existing fields, the WG has also explored the idea that the label might also be implemented by adding another field to WHOIS, and is aware that this may raise certain questions that should be appropriately considered as part of implementation." (p. 9, footnote 15)

The Purpose of Labelling

"… domain name registrations involving P/P service providers should be **clearly labelled** …"

- To identify the Service (Privacy or Proxy)?
- To identify the P/P Provider?

Initial Proposal

- Add four new RDDS fields:
  1) Type of Service: Privacy or Proxy
  2) Provider Name
  3) Provider ID
  4) Provider URL

- IRT requested new proposal utilizing existing fields

- ICANN organization believes one or more new field(s) is the more viable option for RDDS users

Benefits of Adding New Fields

- Easier/clearer identification of P/P service and/or provider for RDDS users
- Avoids confusion between the P/P provider and the registrant/contact's data
- Allows clean approach to internationalized data
  - Avoid script mixing in data fields, or
  - Should a prefix string be translated?

Thank you!

Thank You and Questions

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IRT community wiki space:
https://community.icann.org/display/IRT/Privacy+and+Proxy+Services+Accreditation+Implementation

Implementation Status Page:
https://www.icann.org/resources/pages/ppsai-2016-08-18-en