



IoLR Working Group Update

Convener: Pete Birkinshaw

40th Meeting of REFEDS - 2019 June 16



Since the last update

- Re-engaged the group
- Key topics
 - IoLR requirements - Is there a subset needed for current practical application?
 - How to support IoLR services being baked into Identity Hubs: CILogon eduTEAMS, Cirrus Identity, others
 - ORCID's consideration for ORCID iDs and Records to be an enabler of these hubs



Open questions

- Is a non-SAML IdP an option?
- What are the true costs to run or support a IoLR service?
- What are the setup costs to meet the obligations of running an IoLR service?
- What incentives need to be put in place to encourage desired behavior?



Areas for further exploration

Is SAML required to be an IdP / IoLR?

- Registration as a Federated IdP
 - R&S for IdPs are closely linked to **SAML-specific** attribute release
 - Technical basics for IdPs assume [SAML-based implementation](#)
 - Federation registration may require SAML implementation? Is SATOSA translation enough?
- **SAML** Interoperability Profile / Browser SSO Deployment Profile



Areas for further exploration (cont.)

Enhanced Client or Proxy (ECP)

- Is there an OIDC or OAuth 2.0 equivalent that accomplishes the same goal?
- How critical is it for every IoLR to meet this requirement?

NIST AL2 or Above

- Many IoLR users vet individuals themselves. How important is IdP-provided identity proofing?
- Requires remote or in-person identity proofing as in [SP 800-63A](#)
- Other models for proofing? Via institution assertions?



Challenges of ORCID being a direct IoLR

- ORCID is not SAML-based
- Not ORCID's primary mission

BUT...

Could enable those providing IoLR services...

Let's consider further...



Pilots: can ORCID be an enabler IoLR?

GEANT eduTEAMS Identity Hub

Existing uses of ORCID as IdP

- CI Logon
- Other research VOs
- Publishing platforms

Some ORCID-specific slides...



Considering ORCID's mission

Potential impact to ORCID mission-based services

- IoLR work can't detract from ORCID's mission to link researchers & research

Resource support for this work

- ORCID must support its non-profit activities; Current business models don't support providing this service. New models would be needed.

Increased service level expectations

- ORCID use as an IoLR would change the frequency of ORCID use by researchers. Implies increased support, redundancy planning, and infrastructure needs - costs are unclear

Considering IoLR guidelines

2015 IdPoLR WG final working paper

<https://docs.google.com/spreadsheets/d/1U1A8kfpumGnFydPNVuBnf2dZD4XlzwEwp6Yfq2-3PHs/edit#gid=0>

- 15 requirements - ORCID meets 13 (87%)
- One requirement requires further analysis; One ORCID does not meet

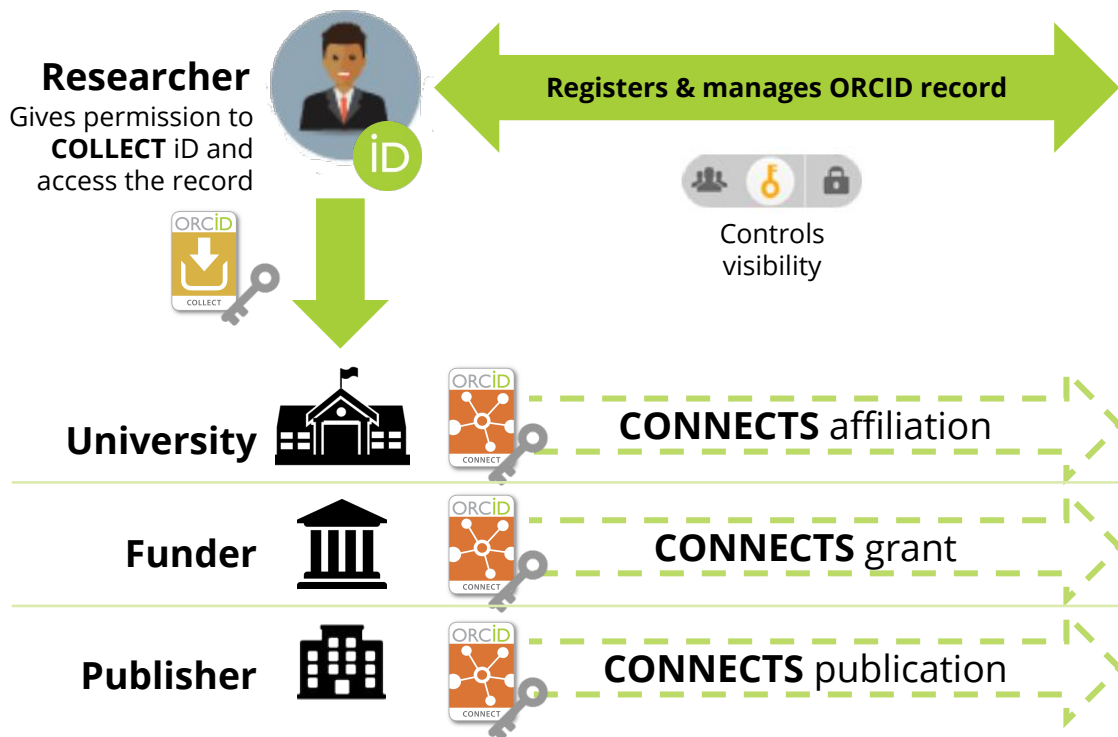
2018 REFEDS IoLR WG Self-assessment form

<https://spaces.at.internet2.edu/display/IDPoLR/IdPoLR+Working+Group+Final+Report>

- 14 requirements - ORCID meets 9 (64%)
- Three require further analysis; Two ORCID does not meet



ORCID Connections



ORCID record

Researcher Name

ORCID ID

iD orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information

- Other names
- Email addresses
- Biography

Account settings

Affiliations, Activities, Resources

Employment

XXX University
Source: XXX University (ID139)

Funding

YYY Foundation, Grant #123
Source: YYY Foundation (ID45)

Works

Book, Chapter, 2016
Source: ZZZ Publisher (DOI:675)

Laurel L Haak

ORCID ID

<https://orcid.org/0000-0001-5109-3700>

 [Print view?](#)

Also known as

L. L. Haak, L Haak, Laure Haak,
Laurela L Häka, ローレル・ハーク

Country

United States

Keywords

persistent identifiers, research policy,
science workforce, program
evaluation, neuroscience, calcium
imaging, oligodendrocytes, circadian
rhythms

Websites

[LinkedIn](#)
[ResearchGate](#)

Other IDs

Scopus Author ID: 6602258586
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Biography

Laurel L. Haak, PhD, is the Executive Director of ORCID, an international and interdisciplinary non-profit organization dedicated to providing the technical infrastructure to generate and maintain unique and persistent identifiers for researchers and scholars.

▼ Employment (2)

⇅ Sort

ORCID: Bethesda

2012-04-09 to present

Employment

Source: Laurel L Haak

Preferred source

ORCID: Bethesda

2012-04-09 to present | Executive Director

Employment

Source: ORCID

Preferred source

▼ Education and qualifications (2)

⇅ Sort

Stanford University School of Medicine: Stanford, California

to 1997 | PhD (Neurosciences)

Education

Source: Laurel L Haak

Preferred source

Stanford University: Stanford, California