The library and the NREN

Guy Halse & Wesley Barry

https://orcid.org/0000-0002-9388-8592
https://orcid.org/0000-0003-4584-092X
What is an NREN?

“National Research and Education Network”

“Bandwidth Stokvel”

https://www.casefornrens.org/
What is an NREN?

“National Research and Education Network”

“Specialist ICT organisation with an elaborated, multifaceted service offering tailored to meet the niche needs of higher education and research”

https://www.caseforren.org/
The South African NREN

TENET
Tertiary Education and Research Network of South Africa

SANReN
South African National Research Network

Government (former DST)

Beneficiaries (Universities, etc)
Trust & Identity

“Today, online services are crucial to research and education. Students, researchers and institute staff rely on them for collaboration through webmail, e-learning, teaching, conferencing, analysing and sharing data, and for accessing journals and libraries. Trusted digital identities underpinned with secure technologies allow them to simply and securely access content and services.” — GÉANT
SA ORCID Consortium

14 members
**ORCID: vendor-based systems**

<table>
<thead>
<tr>
<th>Repository Systems</th>
<th>Publishing Systems</th>
<th>Research Information system</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Haplo</td>
<td>• Editorial Manager</td>
<td>• Converis</td>
</tr>
<tr>
<td>• ePrints</td>
<td>• Open Journal Systems</td>
<td>• Digital Measures</td>
</tr>
<tr>
<td>• Fedora</td>
<td>• ScholarOne Manuscripts</td>
<td>• Elements</td>
</tr>
<tr>
<td>• DSpace</td>
<td>• eJournalPress</td>
<td>• Faculty180</td>
</tr>
<tr>
<td></td>
<td>• ReView</td>
<td>• InfoEd</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• IRMA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Pure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• DSpace CRIS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Vivo</td>
</tr>
</tbody>
</table>
Federation & Single Sign-On

This slide originally contained video screen-capture demonstrating working single-signon using UCT credentials between Wiley, ORCID, Figshare, Cambridge Core, ScienceDirect and Taylor & Francis. The video has been removed to save space.

To find a list of publishers and platform providers known to work with SAFIRE, please visit https://safire.ac.za/technical/resources/library-services/
Where are you from problems

Current workaround is to use “WAYFless URLs” directly from your database listing, bypassing WAYF/discovery completely.
“Publishers, libraries, and consumers have all come to the understanding that authorizing access to content based on IP address no longer works in today’s distributed world. The RA21 project hopes to resolve some of the fundamental issues that create barriers to moving to federated identity in place of IP address authentication by looking at some of the products and services available in the identity discovery space today, and determining best practice for future implementations going forward.” – ra21.org
RA21: Resource Access for the 21st Century
Simple, Trusted Access – Anywhere, Anytime, on Any Device

• Make auth work the way users expect like Google & Facebook
• Single, consistent user experience across publishers, platforms, databases, service providers …
• … with a call to action that remembers where you are from

Access through
Cyprus-Rhodes University

Add or change institution

RA21: Resource Access for the 21st Century
Simple, Trusted Access – Anywhere, Anytime, on Any Device

**DO Layout example 1**
Button is placed below abstract, visible without scroll

**DON'T Layout example 3**
Do not place button where it is not visible without scroll

FIM4L

• “FIM4L (Federated Identity Management for Libraries) is a library-led working group that aims to bring a seamless user experience and service set up, the latest standards and technologies and a focus on user privacy into federated authentication for library services.” – fim4l.org

• Some overlap with RA21, but broader mandate
• Libraries encouraged to participate – please join the mailing list!

https://fim4l.org/
how can we help you?

https://tenet.ac.za/contact
https://safire.ac.za/contact