An Introduction to OpenAthens

Rob Scaysbrook
OpenAthens Identity
Robert.Scaysbrook@eduserv.org.uk
Helping over 4,600 organisations enable access to hundreds of thousands of journals, databases and e-books, for over 4 million end users across the world.
discover → authenticate → access

- **Removing barriers to knowledge**: The end-user only needs to remember one username and password opening up access to all available e-resources.
- **Connecting people to information**: Single sign-on

- **Databases & Apps**
- **Research & Journals**
- **News & Publications**

No need to sign in again as the end-user moves from resource to resource.
OpenAthens top 5

✓ Designed by librarians for librarians
✓ Always fully hosted
✓ Works across all devices and locations
✓ Collects detailed usage statistics
✓ Supports user personalization
Why is OpenAthens being adopted globally?
Patron requirements are changing...

- Mobile access is key
- Personalization is expected
- Multiple devices are used
Security standards are improving

• HTTPS adopted by most publishers
• SSL certificates need to be updated
• Proxy servers find this difficult – more work updating stanza’s
• Dynamic webpages – no static HTML links to proxy
And Librarians have more to do!

• More tech services
• Multiple tech services must integrate
• Monitor e-library engagement
“Library use increases student success. Students who used the library in some way (e.g., circulation, library instruction session attendance, online database access, study room use, interlibrary loan) achieved higher levels of academic success (e.g., GPA, course grades, retention) than students who did not use the library.”

Kennesaw State University

What Can the Data Tell Us?
KSU’s Efforts to Build a Library Data “Cube”

Michael Luther, Assessment Librarian, Kennesaw State
RACL Spring Meeting – April 8, 2016

Available at: https://works.bepress.com/michael_luther/14/

- 7 semesters of EZproxy logs + info from Banner
- 9 Million rows of data
• Resource Access for the 21st Century
• National Information Standards Organization (NISO)
• Association of Scientific, Technical, and Medical Publishers (STM)
“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.”

Source: Ra21.org
What is an Access Federation?
Service Providers

Science Direct
Ovid
JSTOR
Sage

Identity Providers

Grad College
University Med Center
K12 School
Public Library
Service Providers

- Science Direct
- Ovid
- JSTOR
- Sage

Identity Providers

- Grad College
- University Med Center
- K12 School
- Public Library
Access to Online Resources: A Guide for the Modern Librarian

Written by Kristina Botyriute, OpenAthens Lead Technical Pre-Sales Consultant, to help information professionals confidently address authentication issues and challenges.

• The difference between authentication and authorisation
• Web based authentication
• IP address recognition
• What SAML is and how it works
• OpenID Connect
• Basic troubleshooting

https://openathens.org/access-ebook
Let’s see OpenAthens...
### COUNTRY

<table>
<thead>
<tr>
<th>Country</th>
<th>TOTAL</th>
<th>AVERAGE</th>
<th>MIN / MAX</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>9,389</td>
<td>302.9</td>
<td>96 / 487</td>
<td>↑ 346</td>
</tr>
<tr>
<td>France</td>
<td>70</td>
<td>2.3</td>
<td>0 / 10</td>
<td>↑ 4</td>
</tr>
<tr>
<td>India</td>
<td>65</td>
<td>2.1</td>
<td>0 / 8</td>
<td>↓ 2</td>
</tr>
<tr>
<td>Canada</td>
<td>41</td>
<td>1.3</td>
<td>0 / 5</td>
<td>-</td>
</tr>
<tr>
<td>Germany</td>
<td>36</td>
<td>1.2</td>
<td>0 / 5</td>
<td>↑ 1</td>
</tr>
<tr>
<td>RESOURCE</td>
<td>TOTAL</td>
<td>AVERAGE</td>
<td>MIN / MAX</td>
<td>CHANGE</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------</td>
<td>---------</td>
<td>-----------</td>
<td>--------</td>
</tr>
<tr>
<td>Totals</td>
<td>17,066</td>
<td>550.5</td>
<td>193 / 850</td>
<td>↑ 657</td>
</tr>
<tr>
<td>Elsevier Products</td>
<td>2,632</td>
<td>84.9</td>
<td>39 / 145</td>
<td>↑ 87</td>
</tr>
<tr>
<td>EbookCentral</td>
<td>1,456</td>
<td>47</td>
<td>14 / 101</td>
<td>↑ 46</td>
</tr>
<tr>
<td>Web Of Science</td>
<td>1,397</td>
<td>45.1</td>
<td>14 / 87</td>
<td>↑ 64</td>
</tr>
<tr>
<td>Safari Books Online (O'Reilly)</td>
<td>1,028</td>
<td>33.2</td>
<td>1 / 114</td>
<td>↑ 37</td>
</tr>
</tbody>
</table>
### Resource Details

**Resource**
The resource that was signed into.

**UserID**
An account attribute.

**Group**
The group membership for the account.

**Permission set**
The permission set for the account.

### Usage Overview

<table>
<thead>
<tr>
<th>RESOURCE</th>
<th>TOTALS</th>
<th>AVERAGE</th>
<th>MIN / MAX</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taylor &amp; Francis Online</td>
<td>17</td>
<td>1.4</td>
<td>0 / 28</td>
<td>-</td>
</tr>
<tr>
<td>Elsevier Products</td>
<td>5</td>
<td>0.5</td>
<td>0 / 12</td>
<td>-</td>
</tr>
<tr>
<td>Wiley Online Library</td>
<td>5</td>
<td>0.2</td>
<td>0 / 5</td>
<td>-</td>
</tr>
</tbody>
</table>

**Dates:**
- Start: 12 August 2018
- End: 11 September 2018

**Average Usage:**
- Resource: 1.4
- UserID: 0.5
- Group: 0.2
- Permission set: 0.2

**Change:**
- Resource: -
- UserID: -
- Group: -
- Permission set: -