PUBLISHERS AND FIM

FIM4R

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A Slightly Different Set of SPs

- **RA21: Resource Access in the 21st Century**
  - http://www.stm-assoc.org/standards-technology/ra21-resource-access-21st-century/
- Who's involved?
  - Elsevier
  - Wiley
  - IEEE
  - many others

Problem Statement

- tl;dr
  - Authorization via IP address is a Bad Idea
  - If it's not easy AND consistent for the user, we haven't solved the problem

RA21 Problem Statement

- Access to STM content and resources is traditionally managed via IP address recognition.

- For the past 20 years, this has provided seamless access for users when on campus

- However, with modern expectations of the consumer web, this approach is increasingly problematic:

  - Users want seamless access from any device, from any location

  - Users increasingly start their searches on 3rd party sites (e.g. Google, PubMed) rather than publisher platforms or library portals and run into access barriers

  - A patchwork of solutions exist to provide off-campus access: proxy servers, VPNs, Shibboleth, however the user experience is inconsistent and confusing

  - Publishers are facing an increasing volume of illegal downloads and piracy, and fraud is difficult to track and trace because of insufficient information about the end user

  - The lack of user data also impedes the development of more user-focused, personalized services by publishers.

  - The increase in privacy and fraud also poses a significant risk to campus information security

Next Steps

- Survey - https://www.surveymonkey.com/r/RA21
  - Targeted at campuses and libraries
  - Please fill this out if you can, and point any campus contacts you have to it as well
- At least three pilots projects are being proposed
- Timeline is twelve months to come up with a proposal

Other Notes

- Yes, they know about https://discovery.refeds.org/
- Yes, they know that attribute release is a problem
  - as commercial entities, they will need to find different solutions than academia
- SIRTFI - ???
- They want something as innovative in this space as iTunes turned out to be for handling DRM