Privacy, security and browser changes: How to future-proof your library's authentication*

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Part of **Jisc**

Goals for today

- Changes and potential impact to authentication technologies

- Implications for library research workflows

- Recommendations from library technology community

Non-transparent, uncontrollable tracking of users across the web needs to be addressed and prevented.

Griffey, Jason. (2023, Aug 24). Browser changes: what, when, and how to prepare your library's authentication [PowerPoint Slides]. https://connect.ebsco.com/s/article/Browser-Changes-What-When-and-How-to-Prepare-your-Library-s-Authentication

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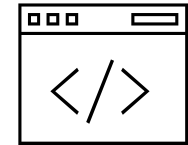# How does tracking happen?
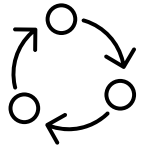
Bounce Tracking

Third-Party Cookies

Location Tracking

Browser Fingerprinting

Link Decoration

Griffey, Jason. (2023, Aug 24). Browser changes: what, when, and how to prepare your library's authentication [PowerPoint Slides]. https://connect.ebsco.com/s/article/Browser-Changes-What-When-and-How-to-Prepare-your-Library-s-Authentication

Privacy features coming to major browsers

- Safari, Mozilla, Chrome, Firefox, Edge, Opera, Brave, etc.

- Ability to block 3rd party cookies and conceal IP addresses

- Starting in 2024 and rolling into 2025, though timeline remains uncertain

IP obfuscation

- Challenge to legacy authentication technologies

- "Hide My IP" disables on-site IP authentication

- Already available as opt-in for Safari

Google Chrome's *IP Protection*

When will IP Protection be available?

IP protection won't launch as a default setting for Chrome users before 2025. Testing and launch timelines will be determined in accordance with our commitments to the UK's Competition and Markets Authority, and informed by ecosystem input.

What does this mean for library authentication?

70%

Sessions in EBSCO platform using Google Chrome

63%

Proportion of successful access to EBSCO's platform that uses on-site IP authorisation

16%

Proportion of EBSCO's customers who use on-site IP and no other authentication method

Summing it all up

- Ability to block 3rd party cookies and conceal IP addresses

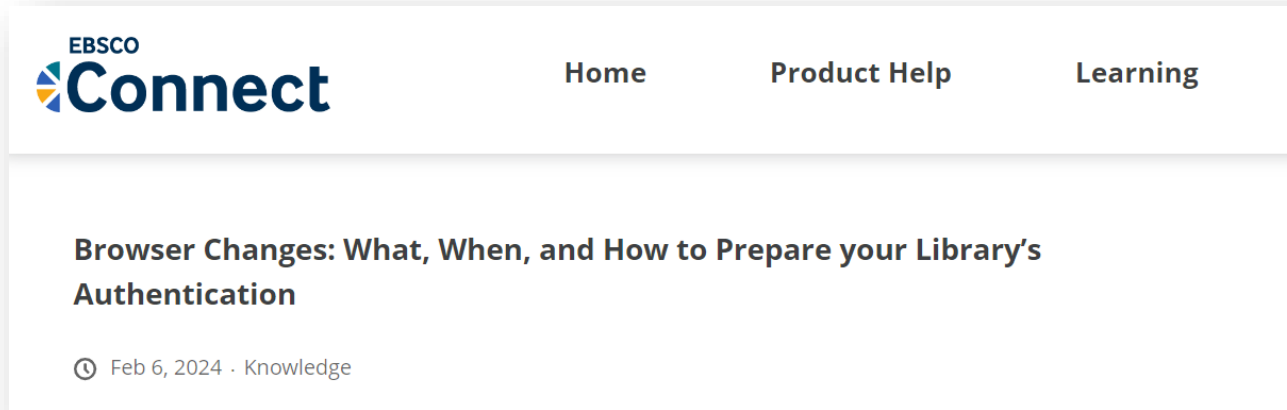- Impact on on-site IP authentication

- Declinine in usage/interest

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Bottom line: It is essential to identify your library's alternative(s) to on-site IP authentication.

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Action already happening

- Library & research tech organisations advocating on behalf of libraries

- Jisc engaging through REFEDS in discussions with Google, Mozilla and Apple

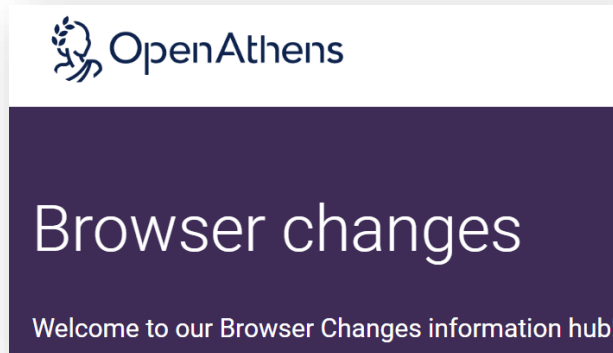- OpenAthens is actively assessing products to ensure we are prepared for potential changes

Further reading

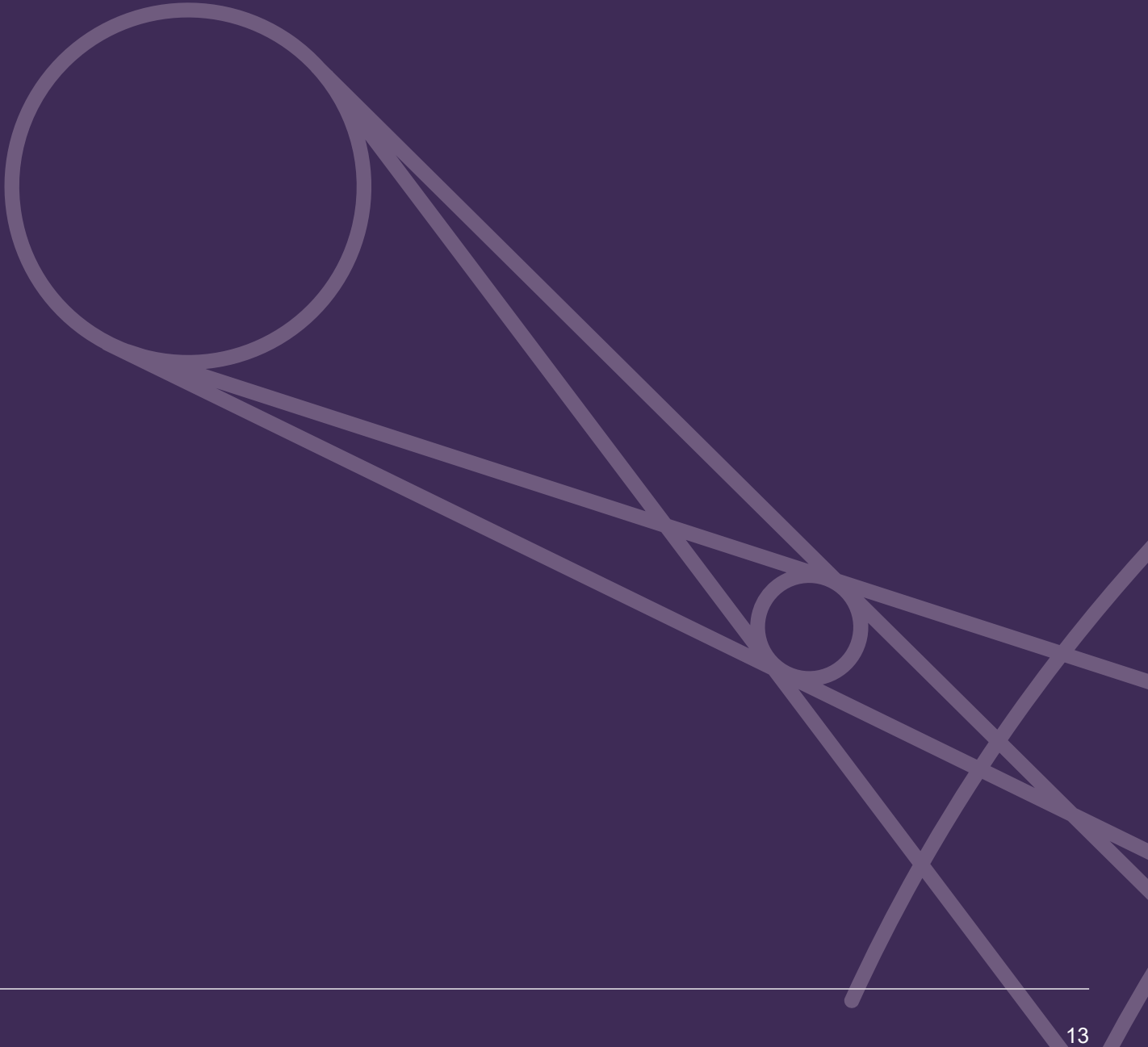Browser Changes: What, When, and How to Prepare your Library's Authentication

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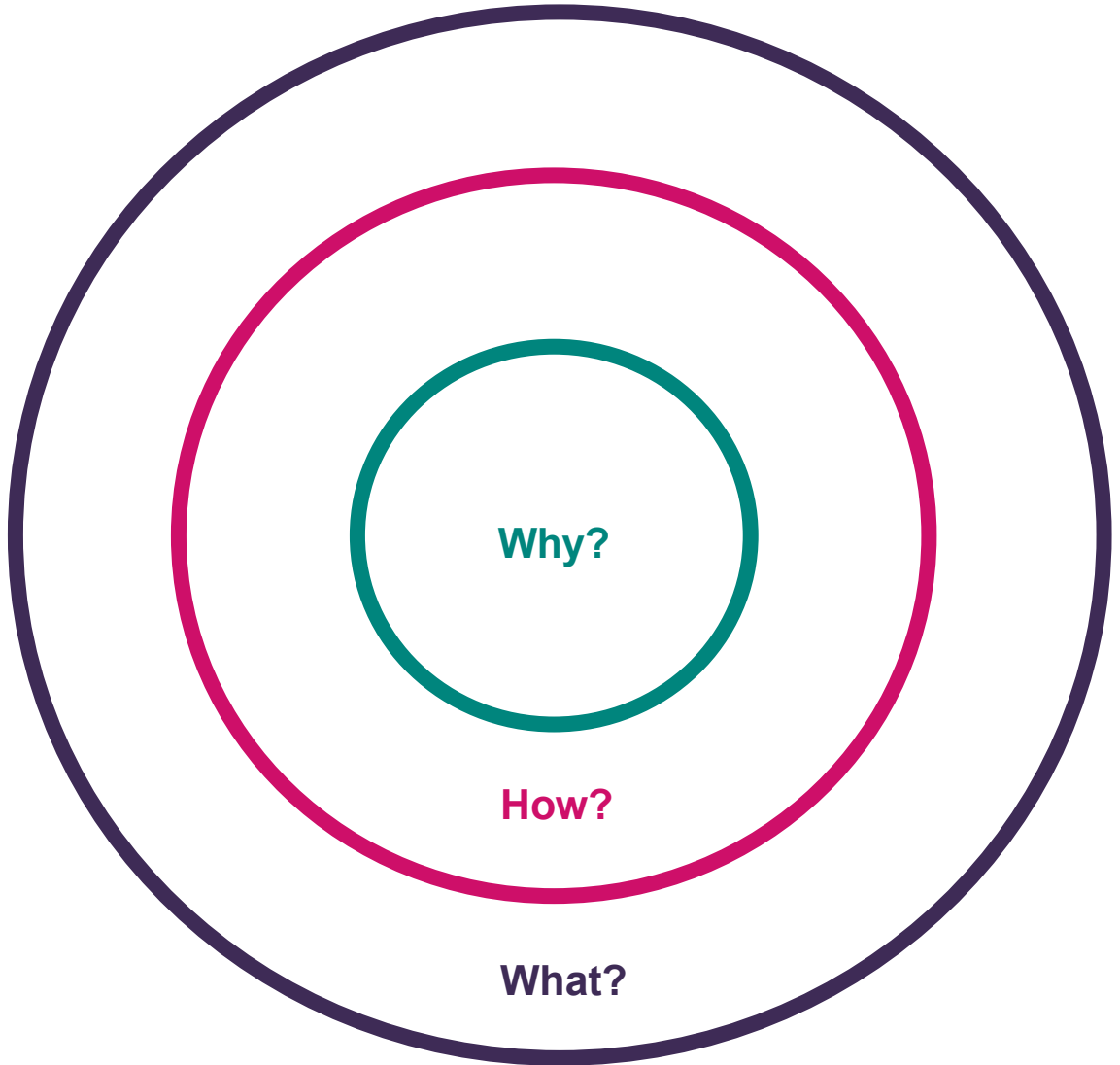https://connect.ebsco.com/s/article/Browser-Changes-What-When-and-How-to-Prepare-your-Library-s-Authentication

Browser changes

Welcome to our Browser Changes information hub!

https://www.openathens.net/browser-changes/

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How?

What?

Our value

Happy users

Minimal admin

Peace of mind

Statistics and insights

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Helping over
3,000 organisations
enable access to hundreds
of thousands of journals,
databases and e-books, for
over **8 million end users**
across the world.

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Connecting the knowledge ecosystem

Any questions?

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Thank you

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