



Minutes of Shibboleth Consortium Board Meeting #117 10th January 2024 – Videoconference

Attendees

Name	Organisation	Country
Scott Cantor (SC)	Developer Representative	United States
Steve Zoppi (SZ)	Internet2	United States
Alex Stuart (AS)	Jisc	United Kingdom
Grace Moore (GM)	Jisc	United Kingdom
Kevin Morooney (KM)	Internet2	United States
Davide Vaghetti (DV)	GARR – Member Representative	Italy
Emily Brown (EB) Secretary	Jisc	United Kingdom
Wolfgang Pempe (WP)	DFN – Member Representative	Germany
Manne Miettinen (MM)	NORDUnet	Finland

Meeting Minutes approved from October and November meetings. There were no meeting minutes from December 2023.

1. Actions

Ref	Description	Owner	Complete by	Status
106.6	Board to agree plan to discuss income generation, review of regulations and succession planning	Board	February 2024	Ongoing - Will be addressed in the Jan 2024 workshop.
109.1	Revise membership documents. Move away from 'charter' language. Look at what it means for a member to join.	Board	February 2024	Open – Will be addressed in the Jan 2024 workshop.
109.2	Steve – Investigate regarding donations / tax identifier number? How to make donations possible via PayPal	SZ	February 2024	Open – Steve has sent over a paper with options outlined. Discussion ongoing. Likely to be addressed in the Jan 2024 meeting but will be

				discussed in meetings from now until 2024.
112.2	Daasi	EB	November 2023	Closed.
114.1	Financial Data Presentation	EB&GM	November 2023	Ongoing – halted by Jisc Financial.
114.2	Draft Agenda for January workshop.	EB,GM &KM	November 2023	Closed.
114.3	Agree dates for January workshop.	EB & GM	November 2023	Closed.
117.1	Steven to send across approve I2 contracts to Jisc.	SZ	January 2024.	Open.
117.2	Scott to collate draft innovation ideas with aim for the board to review and comment by 02.02.2024. Application deadline date 14.02.2024.	SC	February 2024.	Open.

2. Financial and membership updates

- We are waiting on Jisc finance to provide us with an update regarding the 2023 year-end figures.
- The aim is to have these numbers by workshop 2 in January.
- Outstanding renewal confirmations from 2023: The Rector and Visitors of the University of Virginia & University of California Office of the President – I have emailed the new contacts Eric supplied upon his retirement.
- All renewals are out for January 2024.

3. Development update

<https://shibboleth.atlassian.net/wiki/spaces/DEV/blog/2024/01/09/3364880398/January+2024+Update>

We are (mostly) back from holidays and back at it. The plan is still to target late January for the next set of releases but we have some work going on that might benefit from further IdP enhancements so we're staying flexible, and there is no particular urgency right now.

I've covered most of this before, but the active work right now consists of:

- IdP/OpenSAML 5.1, relatively small enhancements along with bug fixes for the couple of regressions raised since 5.0 was released.

- Significant enhancements and bug fixes to the OIDC OP plugin, including a first implementation of OIDC logout support, further support and fixes for unregistered clients, and several other fixes and enhancements.
- Ongoing development work on the first version of a native WebAuthn plugin.
- Enhancements to the DuoOIDC plugin to support a new passwordless/WebAuthn “mode” of operation.

All of the plugin work is of course targeted at IdP V5.0 and above; we do not have plans for further feature development on the V4 IdP or plugin branches, though we continue to support them of course until this fall.

Most, if not all, of the new work has landed on the main branches (for those adventurous types so inclined to test snapshots).

I described a bit about the Duo work last month, and I am happy to report that most of the development on that experiment is done and it appears quite promising as a passwordless solution for Duo subscribers. After evaluating some of the options, I chose to take the approach of enhancing the Duo plugin itself rather than attempting to create a lot of examples or (even worse) a new plugin to maintain. The result appears to be relative simple to adapt and use in existing MFA workflows.

The DuoOIDC login flow has been extended to support a “passwordless mode” of operation that adds an additional view to collect the username, test for eligibility, and provides the user the option to select either passwordless or “traditional” authentication (generally password + Duo in most cases).

I developed a couple of username recovery mechanisms, mainly an encrypted cookie, to cache the username after a successful login so that future logins on a private device automatically populate the username, so once primed, logging in is generally as simple as hitting the Return key and then completing the passwordless challenge. IdP V5.1 includes the same support in the password login flow, so things work better together, but the updated plugin won’t strictly require that version.

Documentation for this work is under development at DuoOIDCPasswordless and there is still some testing to complete, but I’m optimistic and very happy so far with the minimal effort it takes to deploy it. There are a *lot* of new properties and beans for edge cases, but in practice it’s largely property-driven and a matter of UI localization more than anything else. I would expect an updated plugin release in early February.

4. Discussion of Development Roadmap and sustainability of Development team

Roadmap:

Updated Aug ’23 -

<https://shibboleth.atlassian.net/wiki/spaces/DEV/pages/1120895029/Project+Roadmap>

We’re actively working on the following, which will likely take us through the rest of this year:

- Work on an OIDC proxying support plugin continues and hopefully will wrap up this summer.
- A replacement plugin that implements support for database storage without Hibernate is under development so that we can remove Hibernate from V5 entirely. Its lack of reliability

and the lack of provenance of its software artifacts make this a high priority. The new plugin should be a drop-in replacement.

- Another significant feature update for the OP plugin is under development on an aggressive timeline to meet some member requirements. The scope is not fully defined but is under discussion and definitely includes expansion of JWT support and some revocation enhancements. Logout is under discussion but is not a committed work item, mainly because much of that work (and what we've already done) will probably be moot with the changes coming to browsers soon.
- A parallel work stream is underway to port and test the code base on Java 17 and Spring 6 with the Jakarta EE changes and address the likely end of the road for Spring Web Flow as a third-party project. We have POC code running successfully on Spring milestones now. We are actively looking at code reorganization for this release, but we will be focused on reducing impact to deployers as much as possible.
- Finally, work has started on the SP redesign, though if the new release is the top of Mount Everest, we've basically started researching tickets to Nepal. The work should take further shape over the next few months and allow more of the work to be devolved to the team in certain areas.

5. AOB

Developer contracts: Scott will contact the developers to inform them that we are starting to think about the 24/25 renewals.

Objectives discussion for the workshop:

- 3–5-year plan with a focus on the community and grabbing their attention. Why we do what we do and the importance of it.
- Sharing the value of what our vision is for the future – succession planning.
- Financial plan & becoming a legal entity.
- Review of the charter and organisation structure.
- Mission statement aligned goals and objectives.
- Lobbying the community.

- Grace will facilitate the meeting.
- It will be on zoom and recorded.
- EB to minute.

6. Next Meetings:

Wednesday 14th February

Wednesday 13th March