



Minutes of Shibboleth Consortium Board Meeting #107 11th January 2023 – Videoconference

Attendees

Name	Organisation	Country
Scott Cantor (SC)	Developer Representative	United States
Davide Vagheti (DV)	GARR – Member Representative	Italy
Emily Brown (EB) Secretary	Jisc	United Kingdom
Steve Zoppi (SZ)	Internet2	United States
Wolfgang Pempe (WP)	DFN – Member Representative	Germany
Kevin Morooney (KM)	Internet2	United States
Alex Stuart (AS)	Jisc	United Kingdom

Apologies

Manne Miettinen (MM)	NORDUnet	Finland
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Minutes of the previous meeting on 14^h December are pending approval.

1. Actions

Ref	Description	Owner	Complete by	Status
102.1	Emily & Grace to look to better present financial data	GM / EB	December 2022	Ongoing. Completed first draft. Revisions to be made moving into Jan 23 (Developer Contract & Hours Info).
102.2	Review Development Offer forwarded by Scott	Board	September 2022	Closed. Scott will discuss legalities around this.
105.1	Renew Shibboleth.net	AS/JS	November 2022	Closed.
105.2	Survey: Next steps	AS/EB	November	Closed. Sent on 1 st December 2022. Discussion in meeting about new send dates + timeline.
106.1	Webinar on Advisory	Board	???	Not needed. Closed.

106.2	Jisc advisory test on v4/4.1	AS	January 2023	Closed.
106.3	DAASI? discussion about Privacy idea	SC	January 2023	Ongoing. Scott to contact DAASI
106.4	Scott to feedback on DAASI? Proposal	SC	January 2023	Closed.
106.5	Confirm survey timeline and provide example email	GM	December 2023	Closed.
106.6	Board to agree plan to discuss income generation, review of regulations and succession planning	Board	February 2023	Ongoing. Discuss in February workshop.
107.1	The Board to discuss the possibility of revising the lower membership rates in the near future.	Board	February 2023	Ongoing. Discuss in February workshop.

2. Financial and membership updates

Outstanding payments from 22 members. Awaiting confirmation from Jisc's Credit Control.

All renewal requests are out for 2022. Awaiting 6 confirmations. These are all from December and were chased on 11/01/2023.

3. Development update

<https://shibboleth.atlassian.net/wiki/spaces/DEV/pages/3143598098/January+2023+Update>

We are back from the holiday break and back at it.

I released a quick-turnaround SP V3.4.1 patch this evening, primarily as a vehicle to distribute a precautionary change to our libraries to block the primary attack vector that led to the advisory against the Java side of the project a couple of weeks ago. I spent a number of hours testing and analyzing code and while I concluded that for a few reasons, some accidental, the SP is not vulnerable to the exact issue reported, it was best to lock things down more aggressively and prevent something unexpected. A couple of other backlogged items were included in this patch. As I did last time, both x64 and ARM packages were published.

We have essentially finished work on IdP V4.3.0 and the release should be next week. We're waiting on the next Spring 5 update so we can include it. This should wrap up work on the V4 branch and allow us to move full time to working on the main branch of the IdP and the libraries as we work on V5 and on the SP redesign in parallel. The SP may never ship on that codebase but we will be continuing to refactor and adjust things in support of that work so that they eventually ship on the same foundation. Upgrades to 4.3 from anything recent will be very trivial, but one of the warnings we added is going to be a significant and necessary adjustment (though a very simple/mechanical one) for V5 compatibility. The ReleaseNotes already make a note of it. We will also be denoting the older Duo and

OP plugin releases as “incompatible” with 4.3 so that we can encourage people to upgrade those to the recent versions. This is not a strictly technical requirement, but a pragmatic one, as the older versions will spit out a number of warnings that are easily avoided by just freshening the plugins along with the IdP upgrade.

Something I want to note is that I was mistaken in the past in both these updates and some public statements about Spring 5’s EOL date, which is NOT 2023 but rather 2024. So, there is not a huge amount of urgency to get V5 out the door, and aiming for mid-year is both a realistic development goal and provides a full 18 months of time to upgrade (for something that isn’t likely to be a complex upgrade to begin with).

The OIDC RP plugin is basically done, more or less, but we will be completing the new JOSE security classes and moving the OP plugin over to them so that we can release the RP, OP, and updated Commons plugins at the same time. Right now, the OP and RP can’t really co-exist and that is being corrected. There will likely always be some lockstep involved in updating all those components and getting the first set out that co-exist will be a major milestone. Once that’s done, we can take a step back and start planning out the future of the OP codebase and prioritizing future work there with our development partners.

4. Discussion of Development Roadmap and sustainability of Development team

Scott will update the roadmap in the new year to reflect the results of the survey.

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

6. Next Meetings:
February TBC.
Wednesday 8th March