



Minutes of Shibboleth Consortium Board Meeting #94

8th December 2021 – Videoconference

Attendees

Name	Organisation	Country
Scott Cantor (SC)	Developer Representative	United States
Kevin Morooney (KM)	Internet2	United States
Steve Zoppi (SZ)	Internet2	United States
Emily Brown (EB) <i>Secretary</i>	Jisc	United Kingdom
Alex Stuart (AS)	Jisc	United Kingdom
Wolfgang Pempe (WP)	DFN – Member Representative	Germany
Manne Miettinen (MM)	NORDUnet	Finland

Apologies

Rhys Smith (RS)	Jisc	United Kingdom
Joe Steele	Jisc	United Kingdom
Peter Atkins (PA)	Jisc	United Kingdom
Davide Vagheti (DV)	GARR – Member Representative	Italy

Minutes of the previous meeting on 10th November 2021 were approved.

1. Actions

Ref	Description	Owner	Complete by	Status
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88.1	Acquire the support of the Marketing and Comms team to draft a press release for the certification of the OIDC plugin to the Shibboleth IdP.	Kevin	July 2021	Closed. If the chance arises in the future, there is the possibility to re-open.
93.1	Creation of a Shibboleth survey to acquire future development options from the community.	All	2022	-

2. Financial and membership updates

During the call Emily reported that payments were due from several members.

University of Wisconsin-Madison, Internet2, Marist College , University of Washington, Cornell University, CANARIE, Aktia Bank PLC, University of Maryland, and Ohio State University.

Invoices are currently out with: University of Wisconsin - Madison, Internet2, University of Maryland, University of Washington, Cornell University, AConet , Marist College , University of Oxford, GARR, Johns Hopkins University, Sheridan College, Southern Methodist University, KU Leuven University, Gjaldstovan Talgildu Foroyar, The Rector and Visitors of the University of Virginia, CANARIE, Aktia Bank PLC, SWITCH, Brandeis University, Ligo Scientific Collaboration, University of California Office of the President, Deakin University, DAASI International, Stanford University, University of Toronto, The Rector and Visitors of the University of Virginia, Brandeis University, Gjaldstovan Talgildu Foroyar, Avasad, SWITCH, University of California Office of the President, The University of British Columbia (21/22 Renewal) and HEAnet (only confirmed on 1/12/21)

All renewal requests have been confirmed for the rest of the year, expect Marymount University.

Since Emily has taken over this role in June, the Consortium has lost membership from The University of Chicago and gained membership from: University of Maryland, University of Maine System, The Research Foundation for SUNY and Indiana University of Pennsylvania.

3. Development update

Scott's update:

<https://shibboleth.atlassian.net/wiki/spaces/DEV/blog/2021/12/07/2890006529/December+2021+Update>

Since the last update, we have released the SP V3.3 update, migrated to the new SP packaging process, reached a significant milestone in our supply chain security work, and have advanced or started work on a number of OIDC/OAuth enhancement projects.

The SP update so far has resulted in one minor bug report (an accidental deprecation warning). The new packaging process worked great and saved several hours of hassle getting the RPMs out, as well as adding key new platforms with the ability to add others very easily in the future.

Once Amazon Linux 3 is available outside of AWS we can add that. There is an OpenSSL security fix dropping on December 14th, which may or may not necessitate a Windows patch.

As expected some discussion of the SP future has been provoked, but there's nothing new happening, just a slightly more forceful reminder of future expectations.

We have declared "victory" on the first iteration of our Maven enforcer and have enabled it across all our snapshot builds at this point in anticipation of moving away from hosting third-party components and moving Nexus off the public network. The enforcer already detected one component's signer moving to a different key, enabling us to follow up and verify to some basic level of confidence that the key is legitimate before adding it to our local keyring for that component. We should have all the initial kinks worked out in time for the next set of releases.

On that subject, most of the absolutely necessary work on IdP V4.2 is done and most of the next round of enhancements are primarily OIDC/OAuth-related. The new set of those plugins will depend on IdP V4.2 for some minor internal reasons. Some of the major features we hope to ship in Q1 of 2022 include:

- The initial OIDC proxy authentication implementation for the IdP.
- Token-based OIDC/OAuth client registration (vs. the open endpoint implemented so far), including policies based on the tokens governing what can be registered. This work is intended to be syntax-compatible with the metadata "statements" defined in the not-yet-final OIDC Federation specs.
- Support for JWT-formatted access tokens compliant with <https://www.rfc-editor.org/rfc/rfc9068>.
- Extending the token endpoint with generic OAuth2 support, such as the client_credentials grant type and pluggable authentication.

The latter two features are essentially first-generation support for the IdP to act as an OAuth Authorization Server, something several members have been requesting. Snapshots of this functionality should hopefully be available shortly into the new year.

4. Discussion of Development Roadmap and sustainability of Development team

The below remains the same regarding the roadmap. Nothing has shifted as of yet and will be reviewed as of when.

The development [project roadmap](#) has been updated, showing clearly what work is ongoing, committed, planned, under discussion and parked. This was included in Scott's monthly update so members and watchers of the project can see. Time will tell if there is input from the community on the roadmap and any requests to add or attend to particular items.

When the skills matrix is collated, this will help enable the Board to see where skills are required and a plan can then be made as to how best to acquire them. This could be through offering financial incentives whereby the Consortium pays for effort from its membership; off-setting membership fees; or approaching agencies who specialise in finding/providing development effort. In any case, expenditure will need to be weighed against the benefits of gaining extra effort vs the overall balance and financial health of the Consortium.

Scott noted that a larger Dev team than we currently have would need PM effort too, which would incur extra cost. He also noted that the safeguarding of skills currently held by team members who may retire or leave the project is more important than expanding the team.

Justin noted that with some uncertainty about budgets and membership renewals, it would be worth waiting another 3 months or so before considering any significant expenditure.

Regarding the above, Emily noted that the board had a discussion regarding an identity management portal for future development as well as a project manager to ease the growing workload and to aid future developments/ direction. The Consortium are in the financial position for this to happen. The board agreed that this should happen sooner rather than later.

Scott noted that the team are making sure the documentation regarding infrastructure/ onboarding/ are up to date and that he will continue to document this process.

5. AOB

Wolfgang (DFN) is the new chair from January to June.

6. Next Meeting:

Wednesday 12th January

Wednesday 9th February