

Shibboleth Update

Spring 2013

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Consortium Update



It's Alive!

- Charter signed by Internet2, Janet, and SWITCH in April
 - <http://shibboleth.net/consortium/principles.html>
- Addresses as little as possible to keep project agile
- Highlights
 - Formally establishes Board and election procedures
 - Establishes membership procedures
 - Guarantees IP availability royalty-free under an open source license
 - Legal warm fuzzies



Board Meeting Outcomes

- Operating resolutions governing day to day Consortium business, including the development team's self-governance
- Appointment of Janet to finish original 2-year Jisc term as Consortium Operator, with Kevin Meynell stepping in for Nicole Harris as manager
- Approval for Operator to work on contract extensions with all active developers



Next Steps

- Completing handoff of operations from Jisc to Janet
- Formally defining financial tiers for membership
- Contacting the generous organizations who have already agreed to join
- Marketing to new members



Service Provider V2.5.2



Patch Status

- Minor issues with some libraries require a patch release
- Fixing minor open issues along the way
- Windows installer should upgrade 2.5.0 or 2.5.1 installs painlessly (yay)
- Expect in late May / early June



Identity Provider V2.4.0



Summary

- Refresh of platform due to delay in V3.0 development and staffing changes
- Coincided with new OpenSAML and xmlsectool releases
- As with V2.3.0, intended to be the final V2 feature release
- <https://issues.shibboleth.net/jira/issues/?filter=10272>



Highlights

- Addresses issues with Java 7, also runs on Java 6 (V3.0 will NOT)
- Refresh/update of OpenSAML and third-party libraries
- Some extensions/plugins formerly available from third parties and patches
 - Data release based on requested attributes in metadata
 - Signed requests as an alternative to registering SP endpoints (e.g., heavily v-hosted campus services)



IdP Logout Support

- NOT a true Single Logout implementation
- Minimally supports SAML logout requests to clear IdP session and respond to SP with “partial” success
 - Good learning tool for exploring SAML logout issues
- Proprietary endpoint at /idp/profile/LocalLogout that clears IdP session using client's cookie, no SP involvement
 - Built-in analog to scripts used at many sites



Identity Provider V3.0



Development Update

- Into third quarter of “new” V3 workplan
 - <https://wiki.shibboleth.net/confluence/x/v4CZ>
- Substantial design material in IDP30 wiki space
- Updated attribute components largely done
- Significant work done on authentication, session, storage, profile handling design
- Some work reordered to take advantage of CAS integrator contribution



Config Compatibility

- Original plan was for new configuration and migration scripts, new plan is for maintaining compatibility with older files
- Likely high or perfect alignment: resolver, filter, relying-party
- Likely will emulate but replace: handler.xml
- Likely will ignore: internal.xml



Use of Spring Web Flow

- New core design uses Spring Web Flow engine
- Protocols/profiles implemented as flows consisting of dozens of simple, configurable actions
- Deployers can customize behavior by inserting their own actions or reordering flows
- Addresses difficulty with injecting custom behavior into IdP today
- May be possible to support a "scripting" action



API Stability Targets

- Much of new API is “emergent” in a tree of context state maintained between the Web Flow actions
 - Still experimenting with how to document this
- Authentication framework stability likely by Q4 2013, certainly by end of 2013



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Open Development Calls

- We welcome feedback on the dev@shibbloleth.net mailing list
- Team meets every Friday at 11:30AM EDT for 60-90 minutes, all are welcome to listen in
- Agenda time on calls can also be scheduled

