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**Advance CAMP - Monday, Oct. 27, 2014, 9:30am, Room 106**

## CAS IDP for Shib and Load Balancing

**CONVENER:**

**MAIN SCRIBE:**

Brett Bieber

**ADDITIONAL CONTRIBUTORS:**

**# of ATTENDEES:** 15

### **MAIN ISSUES DISCUSSED:**

How to delegate AuthN to CAS?

<https://wiki.jasig.org/display/CASUM/Shibboleth-CAS+Integration#Shibboleth-CASIntegration-DesignateCAStheAuthenticationProviderforShibIDP>

How do you make Shibboleth Highly Available?

- F5 Load Balancer

- Terracotta

- Apache httpd which proxies to Tomcat

How do you make CAS Highly Available?

- Northeastern University

- Oracle database replication for service registry and tickets cache

- Tomcat replication for sessions

- Nebraska-Lincoln

- Static JSON service registry

- Use memcached for tickets

How long are your CAS sessions?

- 30 min or less (2)

- 3 hours or less (3)

more than three hours (4)  
8-10 hours (one work day) (2)  
three weeks (1) (Unicon helped on this integration)

Alternatives, protect Use Shibboleth as IdP for CAS  
Paul, Indiana University Pennsylvania

What versions of the Shib IdP are you running?

Cal Poly  
2.1 in prod, java 6, tomcat, using terra cotta for sharing between three  
2.4 in dev, discovered that terracotta doesn't run on Java 7

Alternatives to Terracotta?  
Memcached

Will Shibboleth v3 support the CAS protocol?  
Yes.

Institutions considering consolidating their CAS & Shib IdP deployments with v3:  
6 institutions, possible future work

For those implementing now, instead of synchronizing sessions for shib, simply delegate auth to CAS and handle session synchronization at that level.

<https://github.com/Unicon/shib-cas-authn2>

## **ACTIVITIES GOING FORWARD / NEXT STEPS:**

Consolidate CAS & Shib when Shib v3 is released:  
Layola Marymount University LA — Sylvester  
Northeastern University —  
Montana — [norman.singley@umontana.edu](mailto:norman.singley@umontana.edu)  
Nebraska-Lincoln — Brett Bieber [bieber@unl.edu](mailto:bieber@unl.edu)  
Vanderbilt —  
University of Gävle — Anders  
Indiana University —

Shibboleth CAS Extension  
<https://github.com/serac/shibboleth-idp-ext-cas>

**If slides are used in the session, please ask presenters to convert their slides to PDF and email them to [acamp-info@incommon.org](mailto:acamp-info@incommon.org)**