University of Illinois Urbana-Champaign

Project Overview:

Our cloud-first initiative aims to migrate many campus IT services to the cloud. This work has an aggressive 18-month timeframe, targeted for completion in 2018. The releases of TIER packages that can be deployed to Amazon Elastic Beanstalk could not have been better timed for our work. We hope to gain experience moving our Shib IdP would like to offer resources and documentation on deploying TIER software to AWS in addition to our general lessons learned deploying TIER software. Even if not selected, we will certainly have documentation to contribute.

Organization Summary:

The University of Illinois at Urbana-Champaign is one of the original 37 public land-grant institutions created after President Abraham Lincoln signed the Morrill Act in 1862. As of fall, 2016, we had an undergrad enrollment of 33,467 students from all 50 states and an additional 5,537 international undergraduate students from 82 countries. We also had 11,413 students in our graduate and professional programs. We have approximately 2,700 faculty members and 8,000 staff members. Our students can earn degrees in more than 150 academic programs in our fifteen colleges, including professional colleges for law and veterinary medicine.

Our library is one of the largest public university libraries in the world with a collection of more than 24 million items. We have twenty Area studies libraries, including one of the largest engineering libraries in the country, a state-of-the-art agricultural library, and a world-renowned rare book and manuscript library.

The University of Illinois at Urbana-Champaign is a major research institution. In fiscal year 2016, we had research and development expenditures of $620 million. We are the top recipient among all universities in National Science Foundation award funding for six years running.

Such an extensive community of learning and research leads to increased needs for federation, international multi-institution collaboration, and scalable authorization mechanisms. In addition, in our current tight economic climate, we must do all of this efficiently.

(Source: Facts about University of Illinois at Urbana-Champaign, http://illinois.edu/about/facts.html)

Key Area(s) of Interest:

Illinois plans to implement two of the initial TIER packages: the Shibboleth IdP and Grouper. We also are considering eventual implementations of midPoint and CARMA.

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Resources

Project Plan

Blogs: Getting over the Hump with Grouper at Illinois

Internal Planning Documentation

Case Study

TechEx Presentation