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UC Federated User Provisioning Project

The UC Federated User Provisioning Project proposes the creation of a common, robust, cost effective, and standards-compliant identity management data provisioning mechanism across identity and service providers within the UC Trust federation.

UC Trust is an identity federation within the University of California. It provides a common infrastructure for identifying users to multi-campus applications, including information that can be used to make authorization decisions. UC Trust relies on Shibboleth to provides that information at the start of an online session. However, many applications need to incorporate and update contextual information about their users at times other than the initial sign-on event.

This project leverages the policies and agreements already established for UC Trust to develop and deploy a second software infrastructure that supports the exchange of identity information before, and independently of, the establishment of a user session.

This project is a step in realigning resources to improve UC administrative efficiency by sharing IT resources and services.

This project intends to deliver the following:

- A detailed technical design/framework for a UC-wide user provisioning mechanism;
- A reference implementation of the technical provisioning framework;
- A plan and team to assist UC Identity Providers with the adoption and deployment of this infrastructure;

Where possible, this project wishes to evaluate and consider partnerships with similar efforts across higher education within the US and around the world.

Milestones and Status

Status as of 08/01/11 -

Overall Project Status Notes:

Work on a conceptual design is in progress, and the next checkpoint is scheduled 8/12/11. The conceptual design will be validated with ITAG and UCTrust members once work on it is finalized. The team is also planning on validating the design with key members of their development staff who are unfamiliar with the project as a litmus test.

Milestones/Accomplishments Since Last Report:

• Create Conceptual Design Outline – 5/20/11 Completed
• Hold 2 day working session 5/19/11-5/20/11 Completed
• Start Conceptual Design Documentation – 5/20/11 Completed
• Data Release – Governance – 6/7/11 Completed

Upcoming Milestones/Accomplishments Due Before Next Report:

• Update Conceptual Design – 8/9/11 In Progress
• Review Design with staff developers - 8/15/11
• Review Design with ITAG & UCTrust – 8/30/11
• Prepare ITLC presentation - 9/10/11

More milestones and updates...

Artifacts

Current Documents

- ?Provisioning Middleware - Design Guide draft 07

Completed Documents

- Archived High-Level Design

Archived Documents

- Early Draft - User Provisioning Detail Design
- Component Diagram
- UCOP-Trappist-Magic-Quadrant-2.pdf
- Original Use Case Diagram
- ?Provisioning Middleware - Technical Design draft 04
- UC IDM User Provisioning Middleware: Technical Design Working Draft 03 ?[docx]
- User Provisioning Design Working Draft 01

Related Information:

- SAML 2.0
- SAML Change Protocol 1.0
- SPML
- Simple Cloud Identity Management (SCIM)

Presentations

- ITLC User Provisioning Presentation - 03/24/11

Project Information

- Meetings
- Schedule
- Reports
- People
- Contact us

Archived Work