

IAM Committee

Meeting Notes

8/15/2016

Attending: Michael Bos, Bill Bova, CW Belcher, John Chambers, Tim Fackler, Ty Lehman, Jason Mayhew, Charles Soto

Absent: Cam Beasley, Graham Chapman, Cesar de la Garza, Fred Gilmore, Alison Lee, Andy Loomis, Darin Mattke, Shelley Powers, Steve Rung, Karen Weisbrodt, Tiffany Yanagawa

IAM: Rosa Harris, Justin Hill, Mario Leal, Aaron Reiser

1. IAM Committee Membership for FY '16 - '17 – Select new chair and co-chair (All)

Per the previous meeting, Michael Bos has agreed to take over as committee chair.

Michael Bos reported that Graham Chapman indicated his willingness to be committee co-chair. There were no objects from the committee, and the committee voted to accept Graham Chapman as co-chair.

Seth Feder will be joining the committee representing Dell Medical School.

Jason Mayhew was introduced, representing the Cockrell School of Engineering.

2. IAM FY '16 – '17 Planning Process – Update (CW Belcher)

As with previous years, the IAM Team is planning initiatives to be taken during the upcoming fiscal year. This plan will be presented at the September committee meeting to obtain approval for the plan and to help determine priorities.

3. UTLogin Release Plan for FY '16 – '17 – Update (Mario Leal)

Reference handout. A major issue with previous UTLogin releases has been a tendency to adding scope during the release, making work difficult for the team. To resolve these issues, UTLogin will be moving to a sustainment model with timeboxed, scheduled releases. The provided handout is a framework for aligning UTLogin with IAM work cycles. Every quarter will be broken down into two work cycles, with the goal of having a sustainment release every quarter.

This initiative will go into place after the 2017.1.0 release, which is scheduled for the week of November 20, 2016.

In addition, a Development environment will be added to allow software engineers to perform development and proof of concept work, freeing up the Test and Quality Assurance environments for testing security patches, among other work. Much like with swim lane diagrams, this will allow team members and their work to move in and out of lane more easily.

The team also plans to publish issues online so that customers can see what release their issues will be included in and when those releases are scheduled to go into Production. This will provide a transparent model for our customers as well as improve planning.

Q: Why are the plans aligned to the quarter system?

A: There are two reasons why. First, it allows for some predictability. On the infrastructure side, ITS Systems has quarterly maintenance cycles, so a quarterly development cycle aligns the two teams. Additionally, as we continue to work with more external vendors, those vendors tend to work in quarterly cycles and there is a need to align with those cycles.

Q: What is planned for the next two UTLogin releases?

A: The 2016.1.3 release includes fixes related to the Realm Policy Manager (RPM), specifically an issue where the RPM will sometimes drop and entry for a limited number of customers. The 2017.1.0 release will implement OAuth and also includes a fix for an issue where users of a small number of customers systems receive an error upon their first successful login attempt.

Q: Based on the handout, is it correct that 2017.1.0 will be released on November 20th?

A: Yes, the release is scheduled for the week of November 20, 2016.

The subsequent UTLogin release will be a major release since it will include an upgrade to OpenAM.

Q: How will this release plan prevent scope creep?

A: Referencing the handout, there is an "Info Due" mark that will help inform the planning for future releases. There is also a cutoff of testing that precedes planning for the subsequent release. This allows release planning to take place after the necessary information for that release has been gathered.

If any committee members are curious, they are invited to Mario Leal's office to view the planning board.

4. Other Initiative Updates

a. IAM Team Staffing (Mario Leal)

There are currently four open positions on the IAM team: a Software Developer/Analyst (SDA), an IT Manager, a Quality Assurance (QA) Tester, and a Business Analyst. Phone screens are scheduled next week for the SDA position. Phone screens are scheduled the following week for the QA tester position. Applications are being reviewed for the other open positions.

Q: Previous, there was talk of using an outside consultant to help with recruiting. How did you find your current candidates?

A: The team was unable to make use of outside consultants due to budget issues, so these candidates came from our regular recruiting process. The team has also been experimenting with reaching out to potential candidates via social media. Lastly, upon discovering that the applicant pool for the Senior Software Developer/Analyst position were underqualified, the position was reclassified to Software Developer/Analyst and the candidates are matching those qualifications.

b. IAM Integrations (Mario Leal)

The included categorizations have been modified slightly, breaking up “On Hold” into “Waiting on Sponsor” and “Requirements Review.” These two statuses are more descriptive.

Two software engineers have been added to the team in the past months and are getting up to speed on processing integration requests. This will also help with the UTLogin release planning since resources will be more dedicated to their tasks, get less sidetracked, and have more available time to focus on the release.

c. Directory Services Roadmap (Mario Leal)

This project is currently benchmarking peer institutions. The assessment is nearly complete. The ETA for the roadmap and assessment read for review is approximately one month.

d. Authorization Roadmap (Mario Leal)

In the short term, there is a plan to remove position-based authorizations from Apollo as well as some smaller changes. Work is ongoing to develop a long-range plan to envision what the landscape will look like a year out.

e. Two-Factor Authentication / Duo Implementation – Update (Justin Hill)

There are currently approximately 17,000 users signed up with no major issues reported. The implementation project is winding down. As of July 25, all Toopher applications have been migrated to Duo without major issue. The next step is the release of the Shibboleth v3 upgrade on August 16. Then, Duo will be integrated into Shibboleth by September 26. After this is complete, the project will be reviewed and closed out.

Action Item: Remind users to configure backup Duo options to ease the transition when they purchase new mobile devices.

Q: Are there any other customers on the roadmap for implementing two-factor authentication?

A: As the committee may be aware, the 3270 interface now requires two-factor authentication via the VPN for off-campus connections. There are no other large areas with a need to two-factor authentication at this time, though other candidates will likely be identified as they undergo risk reviews. Testing is imminent for a two-factor authentication integration with Workday, which will be the team’s next big focus.

f. IAM Modernization Project / SailPoint Implementation (CW Belcher)

Reference handout.

As planned, the project team is working to re-baseline the project after the completion of Task 4 based on information gathered and lessons learned. There has been a lot of progress on Task 3. The development environment is almost complete and testing will begin soon. As discussed in the

architecture review, the team is using Docker and Fabric scripts to automate deployment. The team plans to have all of the environments complete by the end of September. As mentioned earlier, Task 4 is still in progress. For Task 6, work is ongoing interviewing key stakeholders, identifying common themes and use cases, categorizing them, and prioritizing. IAM governance will be engaged to guide prioritization.

g. Lightweight Authentication (Rosa Harris)

As mentioned previously, a vendor has been selected and the contract is currently under review. The team is identifying early adopters which will be included in the solution evaluation summary. The team is also working on putting together a one-page document that explains what lightweight authentication is and its benefits.

Action Item: It was suggested the project team reach out to Ladd Hanson as potential early adopter.

5. Additional Business

Mario Leal thanked Bill Bova and his team for their assistance with recent TED issues.

Q: Will a post-incident report be released?

A: Yes.

1617 UTLogin Release Plan				8/15/2016		
Quarter	WC#	WK#	Activities		Comments	
1516 Q4	WC7	WC7-Wk3	June 13-17			
		WC7-Wk4	June 20-24			
		WC7-Wk5	June 27 - July 1			
		WC7-Wk6	July 4-10			
	WC8	WC8-Wk1	July 11-15	POC/Training		
		WC8-Wk2	July 18-22			
		WC8-Wk3	July 25-29			
		WC8-Wk4	Aug 1-5			
		WC8-Wk5	Aug 8-12			
		WC8-Wk6	Aug 15-19	Build		Fall Semester Begins
1617 Q1	WC1	WC8-Wk6	Aug 22-26			
		FY 16-17				
		WC1-Wk1	Aug 29 - Sep 2			
		WC1-Wk2	Sep 5-8			
		WC1-Wk3	Sep 12-16			
		WC1-Wk4	Sep 19-23			
		WC1-Wk5	Sep 26-30			
	WC2	WC1-Wk6	Oct 3-7		PoC Work	
		WC2-Wk1	Oct 10-14	Test		
		WC2-Wk2	Oct 17-21			
		WC2-Wk3	Oct 24-28			
		WC2-Wk4	Oct 31 - Nov 4	Qual (UAT)		
		WC2-Wk5	Nov 7-11			
		WC2-Wk6	Nov 14-18	Release Week (11/20)		
WC2-Wk7	Nov 21-25			Thanksgiving week		
1617 Q2	WC3	WC3-Wk1	Nov 28 - Dec 2	Build OpenAM		
		WC3-Wk2	Dec 5-9			
		WC3-Wk3	Dec 12-16			Fall Semester Ends
		WC3-Wk4	Dec 19-23			Winter Break
		WC3-Wk5	Dec 26-30			Winter Break
		WC3-Wk6	Jan 2-Jan 6			
		WC3-Wk7	Jan 9-13			Spring Semester Begins
		WC3-Wk8	Jan 16-20			
	WC4	WC4-Wk1	Jan 23-27	Test		
		WC4-Wk2	Jan 30-Feb 3			
		WC4-Wk3	Feb 6-10			
		WC4-Wk4	Feb 13-17	Qual		

		WC4-Wk5	Feb 20-24				
		WC4-Wk6	Feb 27-Mar 3	Release			
1617 Q3	WC5	WC5-Wk1	Mar 6-10	Build	PoC Work		
		WC5-Wk2	Mar 13-17			Spring Break	
		WC5-Wk3	Mar 20-24				
		WC5-Wk4	Mar 27-Mar 31				
		WC5-Wk5	Apr 3-7				
		WC5-Wk6	Apr 10-14				
		WC5-Wk7	Apr 17-21				
	WC6	WC6-Wk1	Apr 24-28	Test			
		WC6-Wk2	May 1-5		Info Due		
		WC6-Wk3	May 8-12	Cut-off			
		WC6-Wk4	May 15-19	Qual	Plan Next		Spring Semester Ends
		WC6-Wk5	May 22-26				Summer Semester Begins
		WC6-Wk6	May 29-Jun 2	Release	Release Plan		
1617 Q4	WC7	WC7-Wk1	Jun 5-9	Build	PoC Work		
		WC7-Wk2	Jun 12-16				
		WC7-Wk3	Jun 19-23				
		WC7-Wk4	Jun 26-30				
		WC7-Wk5	July 3-7				
		WC7-Wk6	July 10-14				
	WC8	WC8-Wk1	July 17-21	Test			
		WC8-Wk2	July 24-28		Info Due		
		WC8-Wk3	July 31 - Aug 4	Cut-off			
		WC8-Wk4	Aug 7-11	Qual	Plan Next		
		WC8-Wk5	Aug 14-18				Summer Semester Ends
		WC8-Wk6	Aug 21-25	Release	Release Plan		
		WC8-Wk7	Aug 28 - Sep 1				

Identity and Access Management Modernization Program (IAMMP)

Phase 1 Status

Monday, August 15, 2016

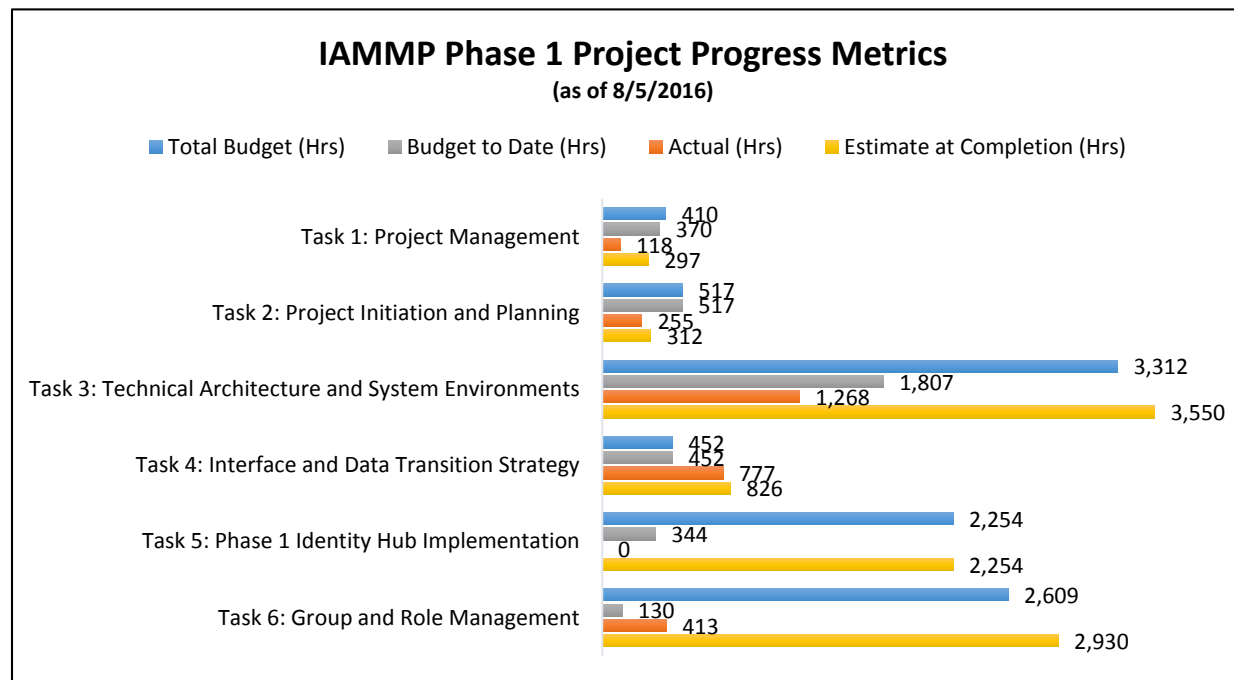
Program Overview

The Identity and Access Management Modernization Program (IAMMP) will guide a set of projects related to the implementation of SailPoint. The goal of IAMMP is to modernize the University's IAM systems, business processes, data management, and technical architecture, as envisioned in the IAM Roadmap.

Executive Summary

The following five tasks are in progress:

- Task 1: Project Management – The second quarterly status report was approved. Project Managers are working towards a rebaseline analysis.
- Task 2: Project Initiation and Planning – The Deployment Plan was approved. The Training Plan is in final revision. The Comprehensive Test Plan is under review.
- Task 3: Technical Architecture and System Environments – The Technical Architecture Design Blueprint is in final revision. The team is making progress to build out the Development environment for the Technical Architecture Build deliverable. The team is creating test templates and documentation for the Technical Architecture Testing deliverable.
- Task 4: Interface and Data Transition Strategy – The Interface and Data Transition Strategy is in revision. The team is working to review the latest changes and address remaining gaps.
- Task 6: Group and Role Management – The team is interviewing key stakeholders and drafting use cases. The team is also putting together a framework for the categorization of use cases to help in prioritization and implementation.



Deliverable Status					
Project Task Area	Deliverable	Deliverable Name	Status	Planned Finish	Actual Finish
Task 1: Project Management	D1.1	Project Work Plan	Complete	3/21/2016	3/14/2016
	D1.2.1	Q1 Quarterly Status Report	Complete	4/25/2016	4/29/2016
	D1.2.2	Q2 Quarterly Status Report	Complete	7/25/2016	7/29/2016
	D1.2.3	Q3 Quarterly Status Report		10/24/2016	
	D1.2.4	Q4 Quarterly Status Report		1/30/2017	
	D1.3	Risk and Issue Register	Complete	3/21/2016	3/17/2016
	D1.4	Change Control Process	Complete	4/4/2016	4/11/2016
Task 2: Project Initiation and Planning	D1.5	Communication Plan	Behind	7/18/2016	EC: 9/16/2016
	D2.1	Application Development and Configuration Standards	Complete	4/18/2016	4/8/2016
	D2.2	Project Kick-off Meeting	Complete	2/29/2016	2/29/2016
	D2.3	Comprehensive Test Plan	Behind	6/6/2016	EC: 8/22/2016
	D2.4	Deployment Plan	Complete	4/25/2016	7/22/2016
Task 3: Technical Architecture and System Environments	D2.5	Training Plan	Behind	5/23/2016	EC: 8/22/2016
	D3.1	Technical Architecture Approach	Complete	5/2/2016	5/20/2016
	D3.2	Prototype Environment(s)	Complete	5/2/2016	4/18/2016
	D3.3	Technical Architecture Requirements	Complete	5/16/2016	6/10/2016
	D3.4	Technical Architecture Design Blueprint	Behind	6/20/2016	EC: 8/15/2016
	D3.5	Technical Architecture Build	Behind	8/8/2016	EC: 10/10/2016
	D3.6	Technical Architecture Testing	Behind	8/22/2016	EC: TBD
	D3.7	Technical Architecture Training		8/29/2016	
	D3.8	Technical Architecture Deployment Playbook		8/22/2016	
	D3.9	Technical Architecture Deployment		9/12/2016	
Task 4: Interface and Data Transition Strategy	D3.10	Technical Architecture Operations and Maintenance Plan		9/26/2016	
	D4.1	Interface and Data Transition Strategy Requirements	Complete	5/9/2016	6/3/2016
Task 5: Phase 1 Identity Hub Implementation	D4.2	Interface and Data Transition Strategy	Behind	5/23/2016	EC: 8/26/2016
	D5.1	Phase 1 Identity Hub Design Blueprint		8/1/2016	
	D5.2	Phase 1 Identity Hub Build		9/6/2016	
	D5.3	Phase 1 Identity Hub Test		10/24/2016	
	D5.4	Phase 1 Identity Hub Training		10/31/2016	
	D5.5	Phase 1 Identity Hub Deployment Playbook		10/10/2016	
	D5.6	Phase 1 Identity Hub Deployment		10/31/2016	
Task 6: Group and Role Management	D5.7	Phase 1 Identity Hub Operations and Maintenance Plan		11/14/2016	
	D6.1	Group and Role Management Use Cases	Behind	8/22/2016	EC: 9/30/2016
	D6.2	Group and Role Management Requirements		9/6/2016	
	D6.3	Group and Role Management Design Blueprint		9/26/2016	
	D6.4	Group and Role Management Adoption Plan		11/7/2016	
	D6.5	Group and Role Management Build		10/24/2016	
	D6.6	Group and Role Management Testing		11/21/2016	
	D6.7	Group and Role Management Training		12/12/2016	
	D6.8	Group and Role Management Deployment Playbook		10/24/2016	
	D6.9	Group and Role Management Deployment		12/12/2016	
D6.10	Group and Role Management Operations and Maintenance Plan		12/19/2016		