

Stanford
UNIVERSITY IT

Cloud Transformation Program

Cloud Change Champions | May 23 2019



Welcome to the May Cloud Change Champions Meeting!

Today's Agenda

1

Welcome and Agenda Overview

2

**PY2019 Update
PY2020 Preview**

3

**Feedback and Discussion
Meeting Wrap-Up**

Overall UIT Cloud Program Goals (through 2019)

Goal 1: Perform cloud governance and portfolio management

Goal 2: Define organizational development program

Goal 4: Run mission critical services in the cloud

Goal 3: Integrate cloud systems, processes, and services

Goal 5: Exit Livermore disaster recovery site





Technology Portfolio

GOAL 1

Perform cloud governance and portfolio management

Launched the SaaS Campus Cloud Consulting team, providing free advice on SaaS best practices at Stanford, including specialized Salesforce consulting

Continued portfolio assessment and worked with service owners on discovery and roadmaps (Card Services, VDI, RADIUS, Confluence/JIRA)

Reviewed the Master Agreements and augmented our Strategic Cloud Vendor list based on that information



GOAL **3**

Integration of cloud systems, processes, and services

Completed automation of AWS and GCP provisioning and billing processes

Released workgroup integration for AWS and GCP

Full integration of single sign-on for AWS provisioning

Finalized AWS BAA and worked with team to define standards

IDCS - cloud auth for PostGrads went live in March

GOAL **4**

Run mission-critical services in the cloud

Active Directory is running in AWS

Vault implementation for credential management

Completed Sites 2.0 implementation on Acquia

Cardinal Print service - all but secure print servers/printers are in AWS



GOAL

2

Define organizational development program

Continuing Cloud Change Champions

Initiated a new monthly series of Cloud Lunch and Learn presentations

Continued to build Stanford-wide awareness: SaaS Consulting Service, presentations to Campus IT Leaders and CIO Council

Surveyed training participants from PY18

Renewed Cloud Academy licenses for 56 UIT staff, providing unlimited online cloud coursework and certification.

Organized and delivered additional AWS and GCP training sessions (GCP session coming up)



GOAL

6 Exit Livermore disaster recovery site

Clients:

Contacted and met with clients currently using the Livermore site: SoM (Anesthesiology), R&DE, OOD, LBRE and SMC

Moved R&DE out of Livermore

Consulted with SoM and SMC on cloud move strategies for their specific cases

UIT:

Moved ERP installations in Livermore to AWS - over 50 EC2 instances and 100TB of storage provisioned in AWS

Set date for Livermore exit: 12/31/19

Cloud Program | PY20 Q1 Goals (May - Jul 2019)

Goal 1: Governance/Portfolio

- Evaluate SaaS Consulting service
- UIT Leadership Team identify ongoing direction of the cloud program and what UIT governance structures will support that direction

Metrics Program

- Begin tracking and publishing metrics (number of services reviewed, number of service moved)

Goal 2: Evaluate Training Tools

- Continue lunch and learn meetings
- Cloud Change Champions!
- Partner with HR to plan next steps on job descriptions, job library and org readiness assessments

Goal 3: Complete IaaS work

- Complete July release: AWS PHI provisioning
- Research and planning for structure of AWS accounts

Goal 4: Foundational Services

- Update cloud site with credential management best practices
- Begin Content Management Systems planning and implementation - offering AFS web replacement services

Goal 5: Exit Livermore

- Exit Livermore by end of 2019
- Assist clients to exit Livermore: SMC and Anesthesia

Recommitment to the Cloud Program: New IaaS Goals

In partnership with the CIO Council and IT community, Steve has begun a discussion of what cloud services UIT can supply to meet campus use cases from a user perspective.

We will work with a broad set of campus stakeholders to identify alternatives for support of a cloud infrastructure service, including funding and staffing recommendations for a sustainable business model.

Plan and develop a service that will offer a broad set of cloud support services – from consulting to full support of cloud environments – to campus departments and users, accompanied by increasing the education and IaaS experience level of UIT staff.

What is important for
you to know about
the cloud?

1

Steve wants to recommit to the cloud program and we are working towards finalizing the PY20 goals in support of his vision.

2

UIT has a robust set of initiatives for PY20 (ADAPT, BC/DR, WCMS, etc), and the cloud will play an important role, further supporting our need to continue increasing our competencies in this area across the board.

Additional Feedback and Open Discussion

Your feedback on this presentation?

Your input on communication needs?

Open discussion and questions?

**We are planning our next
meeting for June!**

Thank you!