Cloud Transformation Program

Cloud Change Champions | February 26 2019
Welcome to the February Cloud Change Champions Meeting!

Today’s Agenda

1. Welcome and Agenda Overview
2. PY19 current status
   Goals for PY19 Q4 and PY20
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 3: Integrate cloud systems, processes, and services

Goal 4: Run mission critical services in the cloud

Goal 5: Exit Livermore disaster recovery site
Cloud Program | PY2019 Q3 Achievements (Nov - Dec - Jan 2019)

**Goal 1: Governance**
- Proposed new set of goals for PY20 to Executive Sponsors

**Portfolio Management**
- Continued support for service owners on discovery and roadmap processes

**Campus Cloud Enablement Team**
- SaaS Cloud Consulting Service
- Salesforce Support Service
- Went live with new campus service

**Goal 2: Evaluate Training Tools**
- Reviewed and reallocated Cloud Academy licenses
- Kicked off lunch and learn series - to be a monthly event
- October/November GCP training with additional certification vouchers

**Goal 3: Complete GCP billing work**
- Workgroup management integration for AWS
- Integrated AWS SSO with ServiceNow
- AWS BAA
- Formed TAG

**Goal 4: Foundational Services**
- Determined target services for current Vault implementation
- POC implementations of Active Directory in AWS

**Goal 5: Exit Livermore**
- Created infrastructure in AWS for UIT services migration from Livermore
- Contacted Livermore clients (OOD, R&DE, LBRE, SMC, SoM-Anesthesia) to begin planning for exit
Cloud Program | PY2019 Q4 Goals (Feb - Mar - Apr 2019)

**Goal 1: Governance**
- Update portfolio dashboard and documents
- Begin transition of portfolio management to Service Strategy Service Management team

**Metrics Program**
- Publish metrics once portfolio updates are complete

**Goal 2: Evaluate Training Tools**
- Continue lunch and learn meetings
- Restart Cloud Change Champions meetings in February

**Goal 3: Complete GCP billing work**
- Complete April release: GCP automation and any AWS updates resulting from the signed BAA

**Goal 4: Foundational Services**
- Provide network management /global load balancing strategy background to new ED for prioritization
- Update cloud site with credential management best practices
- Complete Sites 2.0 migration

**Goal 5: Exit Livermore**
- Develop client strategies for Livermore: OOD, SMC, R&DE, LBRE, SoM-Anesthesia
- UIT exit Livermore
Goal 1: Org Structure, Governance and Portfolio:

- UIT Leadership Team to put structure, process into place for ongoing governance and define cloud strategy ongoing.
- By 8/30/19, evaluate SaaS Consulting Service and SalesForce support for effectiveness and ongoing funding and propose next steps for this service.
- Partner with the Service Strategy to include cloud migration/service evaluation as part of ongoing Strategic Portfolio Governance.
- Continue to partner with ISO to develop security guidelines and support.
- Develop architecture review and support process for SaaS, PaaS, and IaaS - leverage CIO Council process as appropriate.
- Cloud tracking metrics - total services in cloud/total services reviewed: put structure in place for continuous monitoring and reporting.
Goal 2: Organizational Development

- Expand job descriptions and job library for cloud-specific roles
- Expand Tech Training offerings to include cloud-relevant skills for campus

Goal 3: Integrate Cloud Processes, Systems and Services

- Work resulting from completion of the AWS BAA
- Automate GCP billing - remove Orbitera integration
- GCP project creation through API automation
- Workgroup integration for cloud provisioning
- IDP mapping - full integration for cloud provisioning
- Consolidation of AWS accounts
- In conjunction with ISO, further define additional security controls in the cloud
Goal 4: Migrating Services to the cloud
- As time and resources allow, continue work on foundational services: cloud network strategy, monitoring and logging, global load balancing, credential management
- Complete currently planned hybrid NetDB deployment and NetDB enhancements
- Beginning 5/1, take action on roadmaps developed in PY18 (Card services, VDI, RADIUS, Atlassian, etc.) as appropriate

Goal 5: Exit Livermore
- Begin execution of client moves, as defined by PY19 planning
What is important for you to know about the cloud?

1. The end of the cloud program in December 2019 isn’t the end of our continuing process to evaluate and move services to the cloud.

2. UIT continues to build expertise in cloud development and operations.

3. UIT is excited to have a signed BAA in place with AWS and is working quickly to release the high-risk data service.
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 March