



Consolidated Technology Services • WA

Agenda

SDC Projects Steering Committee

April 3, 2013
1:00 pm to 2:00 pm
Conference Room 2208

- SDC Projects Updates
 - Facilities
 - Firewall
 - Storage
 - CTS Move Ph1
 - Cloud Utility
- March Customer Meeting - Recap
- Design Decisions
- Project Issues Update

Next Meeting: April 17, 2013



Consolidated Technology Services • WA

Meeting Minutes

**State Data Center Projects
Steering Committee
April 3, 2013
1500 Jefferson, Rm 2208**

Steering Committee Attendees: Christy Ridout, Dan Mercer, Doug Hieronymus, Heidi Brownell, Wendy Huff, Kay Metsker, Gordon Ice, Aaron Robel, Bruce Shurtz **Not present:** Steve Fowler, Agnes Kirk; Dan Davis; Lance Calisch; Phil Davis; Debbie Kendall

Other Attendees: Toni Backstrom, Jeff Matheney, Sally Alhadeff, Rick Cook

ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
SDC Projects Updates	<p>Program:</p> <ul style="list-style-type: none"> Supporting OCIO with the SDC Business Plan. <p>Facilities:</p> <ul style="list-style-type: none"> Continuing to work on policies and procedures. One more meeting with policy team to review findings. May be able to use existing procedure flow charts. Door enclosure quotes are higher than initial estimates. May revert to contingency plan. Getting quote for manual locks from HRS. <p>Network Core:</p> <ul style="list-style-type: none"> Processing final rack and stack invoice. <p>Firewall:</p> <ul style="list-style-type: none"> First firewall migration will be April 10th. Remainder of the 28 MPLS firewalls targeted by the end of May. <p>Storage:</p> <ul style="list-style-type: none"> Performance testing was scheduled to be complete by 3/11. Results uncovered stress testing limitations, so alternatives are being considered. Storage service owner is working to manage the vendor. <p>Phase 1:</p> <ul style="list-style-type: none"> Physical move group 1 successful. Move groups 2 & 3 are also being coordinated with customers. Citrix is ready for the May 9th migration date. Started work with first WAN carrier to plan presence in the SDC. Blade chassis installed supporting the voice portal. The 90-day outlook milestones and dependencies chart shows a lot of activity in April. <p>Cloud Utility:</p> <ul style="list-style-type: none"> Strategy/Business Phase- About to wrap up and present to executive management but engagement was extended to allow more time for deliverables. Technical POC- RFQ out for a reseller of VMWare. Will secure an architect to help with designing POC environment.



ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
Design Decisions	Pending Signature: <ul style="list-style-type: none"> • SDC-036 FcOE Storage • SDC-013 Load Balancing • SDC -040 Storage 9509 Out for Review: <ul style="list-style-type: none"> • SDC -041 Storage Protocol Usage for VMWare In Progress: <ul style="list-style-type: none"> • SDC -038 Storage Switch Ownership • SDC -042 ISCSI Strategy in the SDC
March Customer Meeting	<ul style="list-style-type: none"> • Fifteen in-person attendance and more on the phone. • Covered the changes and updates of the recent accomplishments and upcoming activity.
Project Issues Update	<ul style="list-style-type: none"> • #132 –Storage Roles and Responsibilities – to be closed. • #145 – Rates – Dan working with finance to prepare proposed model for OFM/exec management. • #148 – SDC 9513 Switches – found a vendor to extend support. • #199 – Storage and Scope for VTL – DR VTL is getting sited at Sungard. Design is still in progress. • #209 – Storage Space for Technical Assets – Doug is getting more information about requirements from service owners. • #211 – Determine strategy for 9509 – Pending final signature.

The [meeting presentation](#) can be found on the project’s [SharePoint](#) site.

1. New Action Items

Item	Action Item	Assignee	Target Due Date	Comments
1				
2				

2. Upcoming Meetings

Meeting	Details
Next Meeting	April 17, 2013, 1:00-2:00, Room 2208

SDC Steering Committee Meeting

April 3, 2013



Agenda

- SDC Projects Updates
- March 28th Customer Meeting Recap
- Design Decisions
- Project Issues Update



SDC Projects Updates

- **SDC Program**
 - Supporting OCIO with the SDC Business Plan.
- **Facilities**
 - Continuing work on policies and procedures.
 - Working on door lock solutions.
- **NWC**
 - Pending processing of final rack and stack invoice.
- **Firewall Migrations**
 - First MPLS firewall will migrate on April 10th with the remaining 28 MPLS firewalls targeted by the end of May.



SDC Projects Updates

- **Storage**

- Performance testing was scheduled to complete by 3/11. Analysis of results uncovered limitations of the hoped for stress testing, however team recommendation is to move forward based on the positive results of:
 - NRFU testing with Cisco in Jan
 - Functional testing in Mar
 - SRDF testing between VMAX and systems in OB2
 - Some Performance Testing



SDC Projects Update

- **Cloud Utility**

- **Strategy/Business Phase**

- Engagement was extended to allow more time for deliverables:

- Operational Readiness Assessment
- Financial / Pricing Model
- Change Management Plan / Marketing Strategy
- Implementation Schedule

- **Technical POC Phase**

- ASV for VMware Catalog scheduled to be announced today
- Once in place, will work to secure an architect to help the team install/ready the POC environment



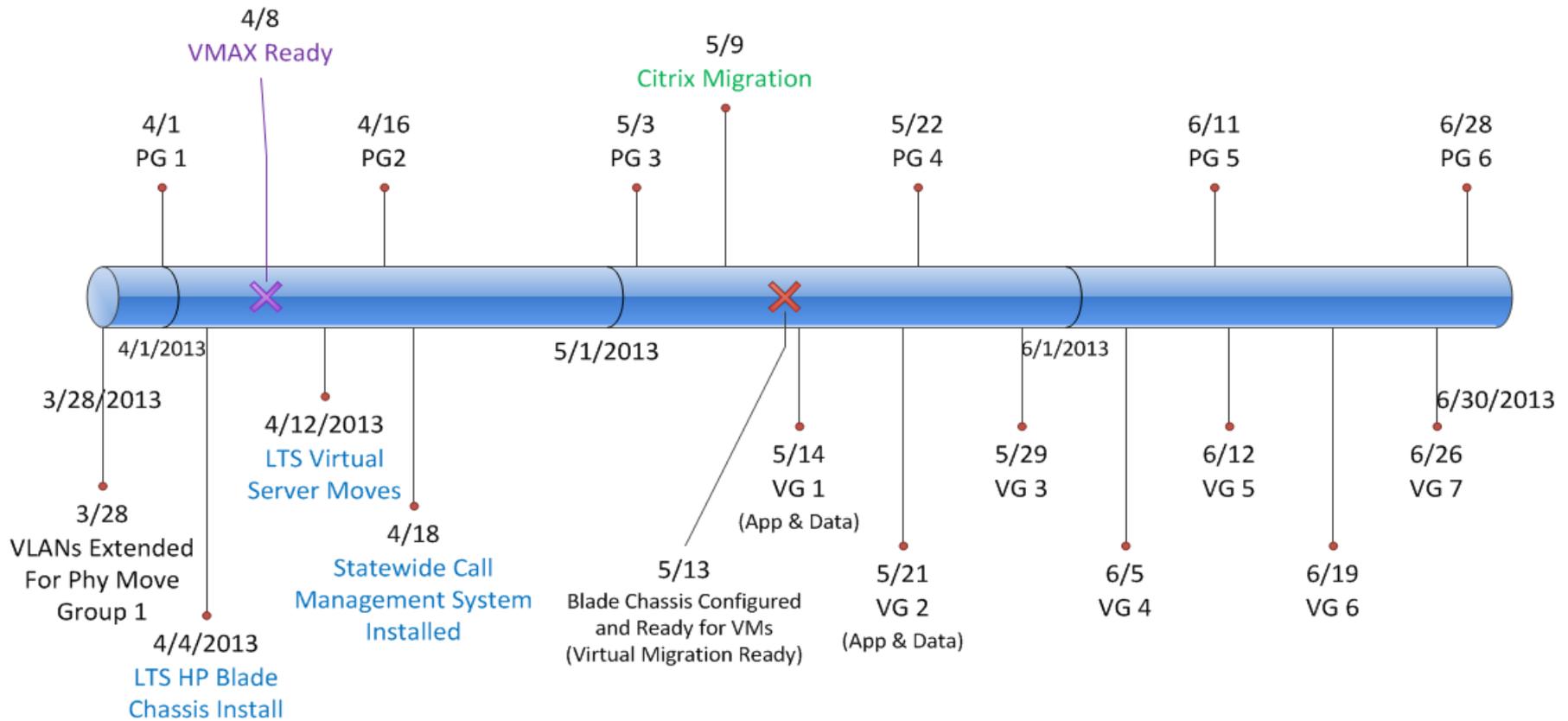
SDC Projects Updates

- **Move Phase 1:**

- Physical Move Group 1: Extended VLANs and successfully moved the servers. Exercised the server move check-list.
- Physical Move Group 2: Coordinated with DAHP and things are ready to go to move the servers.
- Physical Move Group 3: Coordination with customers is proceeding. Tech bulletin for ADFS has been posted.
- Validated May 9th migration date with Citrix customers.
- Started work with the first WAN carrier to plan their point-of-presence in the SDC. The Entrance facilities are being prepared to receive WAN carriers.
- Installed blade chassis supporting the Voice Portal. Waiting on parts to complete the configuration.



CTS Move Phase 1 90-day Activity Pipeline



Customer Moves

- **PG 1 (3 servers):** New Active Directory servers (Complete)
- **LTS Blade Chassis Install** (Supports Voice Portal migration)
- **LTS Virtual Server Moves (2 servers):** Avaya SAL & VOIP DHCP
- **PG 2 (2 servers):** DAHP (dev)
- **LTS Call Management System (OB2CMS):** (DSHS, ES, DOL, HCA, DES, UTC, OAH, SEC, LOT, DFW, SPI, CTS)
- **PG 3 (3 servers):** FamLink DTT (DSHS) & ADFS
- **Security:** Citrix (ATG, DFI, OAH, DES, L&I, DNR, HUM)
- **CSD Blade Chassis Configured:** Supports Virtual migrations
- **VG 1 (13 servers):** CSD Test, Test (Lab), VPN/RDP Local Connect
- **VG 2 (16 servers):** CSD Obtain Prod, TSD OSS Test, CSD Lab, CSD Utility, Blackberry Test, ADFS Test
- **PG 4 (4 servers):** NCC Tellabs, DOH Child Svcs, DIS ESB
- **VG 3 (21 servers):** DSHS FamLink DTT, AD Pre-Exchange, AD SSVT, AD Pre-Root
- **VG 4 (19 servers):** Infrastructure, ICC ESB Dev, ECOMM Dev & Prod
- **PG 5/2.1 (5 servers):** AD prod ADFS Prod
- **VG 5 (10 servers):** MISC DFI, Unisys, ATS FIM, DOC, Trend Micro
- **VG 6 (28 servers):** Storage Mgmt, SharePoint, Storage Mgt, Shared Web, SWS Middleware
- **VG 7 (14 servers):** TSD Orion, Teams site dev/prod, Dial.Wa
- **PG 6 (16 servers):** AD prod, Exchange 2010

Agency Implementation Coordinator Meeting

- The AIC meeting was March 28th
- There were about 15 AICs in attendance (with phone and in person attendees combined).
- The agenda focused on the status of recent accomplishments and upcoming activity.
- The only questions were firewall related and Aaron was able to answer them.



Design Decisions

- Recently Approved
 - N/A
- Pending Signature
 - SDC-036 FCoE Storage/Ethernet Converged Networking within the SDC
 - SDC-013 Load Balancing Options in the SDC for CTS applications
 - SDC-040 Storage 9509 End-of-Support Design Alternatives
- Out for Review
 - SDC-041 Storage Protocol usage for VMware environments in the SDC
- In Progress
 - SDC-038 Storage Switch Ownership (will be closed/replaced)
 - SDC-042 iSCSI Strategy in the SDC



Project Issues Update

Issue #	Summary Description	Assigned	Priority (H,M,L)	Opened Date/by	Next Review Date	Target Resolution Date	Resolution	Status
132	Roles & Responsibilities for the Storage Switches and converged network need to be defined. This includes who manages the SDC fiber channel switches and the roles and responsibilities for troubleshooting fiber channel over Ethernet (FCoE) across the converged network.	SDC	H	11/3/2011	3/6/13	3/30/13	The design decision document is being routed for review.	Open
145	CTS Service Owners need to know the SDC-related costs so they can determine and publish the rates for services.	Finance	H	3/16/2012	3/6/13	3/30/13	Dan is working with Finance to prepare a proposed model to OFM/Exec Management.	Open
148	SDC 9513 switches - Maintenance & Support agreements	Storage	H	4/24/2012	3/6/13	?	The SDC will need 24x7x4 maintenance service similar to contract for the OB2 storage switches. Gordon is working with OLS to resolve.	Open
199	Need to determine the scope and inter-dependencies for VTL	Storage	H	7/22/2012	3/6/13	TBD	No recent activity on this issue.	Open



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Project Issues Update

Issue #	Summary Description	Assigned	Priority (H,M,L)	Opened Date/by	Next Review Date	Target Resolution Date	Resolution	Status
209	Space for storage of technology assets	Facilities	H	11/16/2012	3/6/2013	3/20/2013	Doug is working with the service owners to resolve the issue.	Open
211	The risk associated with the proposed approach for the 9509 switch replacement is perceived to be higher than other available approaches. Other approaches need to be evaluated and risk assessed. Storage migrations are dependent on a successful implementation.	Storage	H	1/7/2013	3/6/2103	3/20/2013	The Design Decision document is pending final signature.	Open



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Discussion/Questions

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