



Consolidated Technology Services • WA

Agenda

SDC Projects Steering Committee

May 1, 2013
1:00 pm to 2:00 pm
Conference Room 2208

- SDC Projects
- SDC Design Decisions
- SDC Lab
- SDC Policies
- Storage Performance Testing and Monitoring Plan
- Freeze Concept
- April Customer Meetings Recap
- Project Issues

Next Meeting: May 15, 2013



Consolidated Technology Services • WA

Meeting Minutes

**State Data Center Projects
Steering Committee
May 1, 2013
1500 Jefferson, Rm 2208**

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

Other Attendees: Toni Backstrom, Rick Cook, Scott Lindekugel, Michael Breton

ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
SDC Projects Updates	<p>Program:</p> <ul style="list-style-type: none"> Heidi shared the 90-day milestone pipeline. <p>Facilities:</p> <ul style="list-style-type: none"> Final draft of the physical security on project site (3.2.4). Hyperlinks to procedures. Need to be reviewed by HR. Welcome feedback. Original design decision for enclosures twice as much as budgeted. Going with low level design managing keys at security level. TSD working to prepare WAN carrier space. <p>Network Core:</p> <ul style="list-style-type: none"> Working to finalize Cisco invoice by 4/30, however may be delayed. <p>Firewall:</p> <ul style="list-style-type: none"> Successful migration of 4 MPLS firewalls. Five more tonight. Two were decommissioned. The remainder are still scheduled to complete by the end of May. Heidi presented CTS firewall migration schedule (graph) to track progress. <p>Storage Migrations:</p> <ul style="list-style-type: none"> Completed on-boarding of HRMS QA environment April 11th. Supporting onboarding of additional customers. Next up is Famlink and Move Phase1 Open Systems. <p>Cloud:</p> <ul style="list-style-type: none"> Financial model and service catalog work nearing completion. Still waiting for VMware to deliver the draft deliverables. Reviewing SOW for POC support. <p>Move Phase 1 –Servers (Upcoming):</p> <ul style="list-style-type: none"> Both physical and virtual server migrations scheduled throughout May. Move the AD and messaging servers in a phased approach as part of several move groups. Held customer training for Citrix April 15-19 in preparation for a May 16th migration. The next telephony move will be the voice portal system in July. TSD has been working to develop more detailed plans for the network projects under Phase 1. These projects will be incorporated into the master schedule.



ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
Design Decisions	Pending Signature: <ul style="list-style-type: none"> • SDC-036 FcOE Storage Recently Approved: <ul style="list-style-type: none"> • SDC-013 Load Balancing • SDC -040 Storage 9509 In Progress: <ul style="list-style-type: none"> • SDC -042 SDC iSCSI Strategy in the SDC • SDC-001A SDC Enclosure Security for DH1 Out for Review: <ul style="list-style-type: none"> • SDC -041 Storage Protocol
SDC Lab	<ul style="list-style-type: none"> • Cisco was here yesterday setting up a temporary network. • There is a backlog at Corning, so we are not sure when cassettes will be here for the backbone. • Preparing for the Cloud POC.
SDC Performance Testing and Monitoring Plan	<ul style="list-style-type: none"> • Draft document was distributed with the Steering Committee meeting agenda. Narrative will be added on next draft.
Freeze Concept	<ul style="list-style-type: none"> • A customer raised a question about a possible “freeze” to activity in OB2. There is not a freeze in place, however, additions to OB2 need to be considered on a case by case basis. Managers should make sure that staff are sharing accurate information with customers. • If there are freezes in the future, we will notify customers well in advance. We may need short freezes prior to migrations.

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	May 15, 2013, 1:00-2:00, Room 2208

SDC Steering Committee Meeting

May 1, 2013



Agenda

- SDC Projects
- SDC Design Decisions
- SDC Lab
- SDC Policies
- Storage Monitoring Plan
- Freeze Concept
- April Customer Meetings
- Project Issues



Projects Updates

- **Facilities**
 - **Completed** facilities operational readiness activities
 - Working on data center policies and procedures
 - Working on enclosure door security
 - Working to prepare WAN Carrier space
- **NWC**
 - **Completed** network readiness activities
 - Working to finalize the last Cisco invoice by 3/31



Projects Updates - Firewall

- **Firewall**
 - **Completed** infrastructure readiness
 - **Completed** first six MPLS firewall migrations
 - Four migrated
 - Two decommissioned
 - Scheduled 22 MPLS migrations to complete by end of May
 - Working to schedule next set of migrations
 - MPLS Connectors w/ simple security policies 
 - MPLS Connectors w/ complex security policies
 - Degree of architectural change
 - Number of interfaces



Projects Updates - Storage

- **Storage**
 - **Completed** production ready milestone April 8th.
 - **Completed** on-boarding of HRMS QA environment April 11th.
 - Supporting on-boarding process for next customers:
 - Famlink
 - Move Ph1 open systems
 - Preparing to support onboarding of additional customers
 - Working on customer communication regarding on-boarding process
 - Working to document testing/monitoring plans (see later slides)



CTS Cloud Utility

- **Cloud**

- Business Strategy:

- Financial Model and Service Catalog work nearing completion. These will drive the completion of the next set of deliverables.

- Technical Proof of Concept:

- Reviewing SOW for VMware support.
- Readyng the lab.



CTS Move Phase 1 – Servers

Recent:

- Extended VLANs into the SDC which are used by the early move Groups. (March 28)
- Physical server move Group 1. (April 1)
- Physical server move Group 2. (April 16)

Upcoming:

- Physical server move Group 3. (May 5)
- Virtual server move Group 1. (May 14)
- Virtual server move Group 2. (May 21)
- Physical server move Group 4. (May 22)
- Virtual server move Group 3. (May 29)
- Virtual server move Group 4. (May 30)

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – Messaging

Recent:

- Completed the move of first group of AD servers
- Finalized detailed plans to move the production servers

Upcoming:

- Move the AD and messaging servers in a phased approach as part of several move groups.

CTS Move Phase 1

CTS Servers

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CTS Move Phase 1 – Security

Security - Citrix

Recent:

- Held customer training April 15-19th

Upcoming:

- Continue configuration and migration readiness
- May 16th migration – [Technical Bulletin 11.1.06](#)

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – Telephony

Recent:

- Moved the Avaya Call Management System / OB2CMS. (April 18)
- Migrated two servers supporting internal CTS Telephony systems. (April 18)

Upcoming:

- The next Telephony move will be the Voice Portal system (July 2013)

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

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CTS Move Phase 1 – Network

TSD has been working to develop more detailed plans for the Network projects under CTS Move Phase 1.

These projects will be incorporated into the master schedule.

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



Design Decisions

- **Recently Approved**
 - SDC-040 Storage 9509 End-of-Support Design Alternatives
 - SDC-013 Load Balancing Options in the SDC for CTS applications
- **Pending Signature**
 - SDC-036 FCoE Storage/Ethernet Converged Networking within the SDC
- **Out for Review**
 - SDC-041 Storage Protocol usage for VMware environments in the SDC
- **In Progress**
 - SDC-042 iSCSI Strategy in the SDC
 - SDC-001A SDC Enclosure Security for DH-1
- **Closed**
 - SDC-038 Storage Switch Ownership



SDC Lab

- The lab build-out is near completion. This includes installation of cable trays, power, and other services to support 5 rows of equipment.
- The lab is available for occupancy. Groups began racking and stacking equipment April 15th.
- First priority is getting equipment up and ready for the Cloud POC.



SDC Policies

- See document



Storage Monitoring Plan

- See draft document.
- Narrative will be added for next revision.



Freeze Concept

- For discussion



April Customer Meetings

- SDC status was presented at the first CTS Quarterly Customer Meeting on April 24th. Questions were light, but we ran out of time.
- The Agency Implementation Coordinators meeting occurred on April 25th. Attendance remains steady and key agencies are participating. Questions remain light.



Project Issues Update

Issue #	Summary Description	Assigned	Priority (R,Y,G)	Opened Date/by	Next Review Date	Target Resolution Date	Comments/Resolution	Status
145	CTS Service Owners need to know the SDC-related costs so they can determine and publish rates for services	Dan	G	3/16/12	5/1/13	5/30/13	Dan is working with Finance to prepare a proposed model to OFM/Exec Management.	Open
199	Need to determine the scope and inter-dependencies for VTL	Gordon	G	7/22/12	5/1/13	TBD	The next steps are to identify the inter-dependencies between VTL and other storage projects and define the action plan.	Open
226	Need VMAX performance test/monitoring plans	Gordon	Y	3/27/13	5/1/13	5/31/13	This was originally opened to address the slip in the Go Live date. Current action is to develop testing/monitoring plans.	Open
229	We should review/discuss if there is a need to implement a freeze while SDC move activity is underway. This could include such things as freezing lower priority work, making enhancements or additions to gear in OB2, etc.)	Heidi	G	4/22/13	5/1/13	5/1/13	For steering committee discussion 5/1.	Open



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Discussion/Questions

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