



Consolidated Technology Services • WA

Agenda

SDC Projects Steering Committee

January 16, 2013
1:00 pm to 2:00 pm
Conference Room 2208

- SDC Projects Updates
 - NWC (outcome of 1/5 & 1/12 moves, final steps)
 - Security (status of Firewall implementation)
 - Storage (status of VMAX readiness)
 - Move Ph1 (status of server move schedule, performance test planning)
 - Cloud Utility
- Design Decisions
- SDC Lab Update
- Project Issues Update
- Change Reminder Bulletins
- January 24th Customer Meeting

Next Meeting: February 6, 2013



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Meeting Minutes

**State Data Center Projects
Steering Committee
January 16, 2013
1500 Jefferson, Rm 2208**

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

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

ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
SDC Projects Updates	<p>Network Core:</p> <ul style="list-style-type: none"> Final moves were on Saturday. Working on close out tasks, M&O transfer to NCC, and finish up billing <p>Security:</p> <ul style="list-style-type: none"> Configuration will complete by end of month Pilot scheduled. Famlink, HRMS (dependent on VMax) Steve Lovaas to meet with customers next week to begin collaboration <p>Storage:</p> <ul style="list-style-type: none"> EMC resident is on board Meeting with Presidio regarding acceptance criteria <p>CTS Move Phase 1:</p> <ul style="list-style-type: none"> Finalized physical and virtual server move schedules Working through move vendor procurement Working on performance testing benchmarks <p>Cloud Utility:</p> <ul style="list-style-type: none"> Working with OLS on procurement The scope has narrowed to focus on smaller incremental steps, focusing first on strategy and internal POC, followed by a Go/No Go decision regarding moving forward on a wider scale Putting team together quickly
Design Decisions	<p>SDC-039- Migration Strategy (Recently Approved)</p> <ul style="list-style-type: none"> Will document which servers are early candidate for the cloud, later candidates, or not a candidate at all. <p>SDC-021a- DH1 Inter-row Cabling (Pending Signature)</p> <ul style="list-style-type: none"> Cabling between enclosures, CSD has different options. Trinx is Cisco specific only, fiber is industry standard. <p>Upcoming Reviews:</p> <ul style="list-style-type: none"> SDC-013 Load Balancing SDC-036 FcOE Storage/Ethernet SDC-038 Storage Switch Ownership



ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
SDC Lab Update	<ul style="list-style-type: none"> • Lab purpose has changed slightly since the building was originally built. Working to ensure HVAC and power meet needs • TSD close to approval for NEXUS gear transfer • Started elevation drawings • Determining storage and Wi-Fi needs for lab • Finalizing lab guide (Policies and Procedures) • Anticipated occupancy mid-March • Working on filling a position for lab supervisor
Project Issues Update	<ul style="list-style-type: none"> • #132 – Storage Roles and Responsibilities document • #145 – Determining rates for internal customers. Service owners need to know what to charge customers. Need OFM and legislature approval. • #199 – Storage and Scope for VTL. Valerie was assigned project but other issues need to be resolved first. Target date to be revised. • #211 –Evaluating 9509 alternatives to reduce risk of adding cables under the floor, hoping to decrease time, risk and cost.
Change Reminder Bulletins	<ul style="list-style-type: none"> • New SDC migration calendar. Hyperlink to technical bulletins and change reminder. • Will discuss possibility of posting inside the SGN.
Jan 24th Customer Meeting	<ul style="list-style-type: none"> • Working on content. Keeping it pretty light. • Next customer meeting agenda: <ul style="list-style-type: none"> ○ SDC Projects Overview ○ Update on Customer Migration Projects ○ Customer Communication

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	February 6, 2013, 1:00-2:00, Room 2208

SDC Steering Committee Meeting

January 16, 2012



Agenda

- SDC Projects Updates
- Design Decisions
- SDC Lab Update
- Project Issues Update
- Change Reminder Bulletins
- January 24th Customer Meeting



SDC Projects Updates

- **NWC**
 - Outcome of 1/5 & 1/12 moves, final steps
- **Security**
 - Status of Firewall implementation
- **Storage**
 - Status of VMAX readiness
- **Cloud Utility**
 - Working with OLS on procurement
- **Move Ph1**
 - see slides

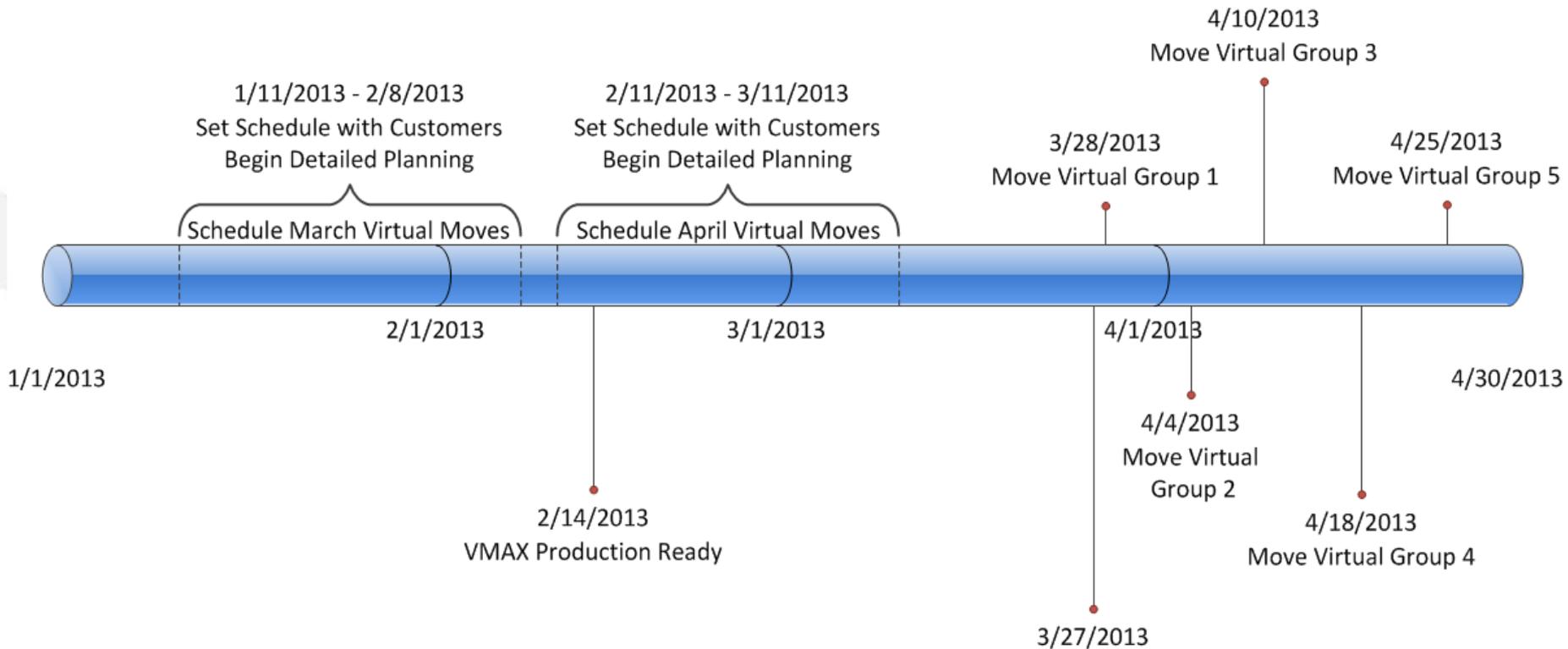


Move Phase 1

- Finalized the physical and virtual server move schedule for next 90 days.
- Working through the procurement process for move vendor.
- Focus in February will include refinement of WAN and Mainframe move projects.

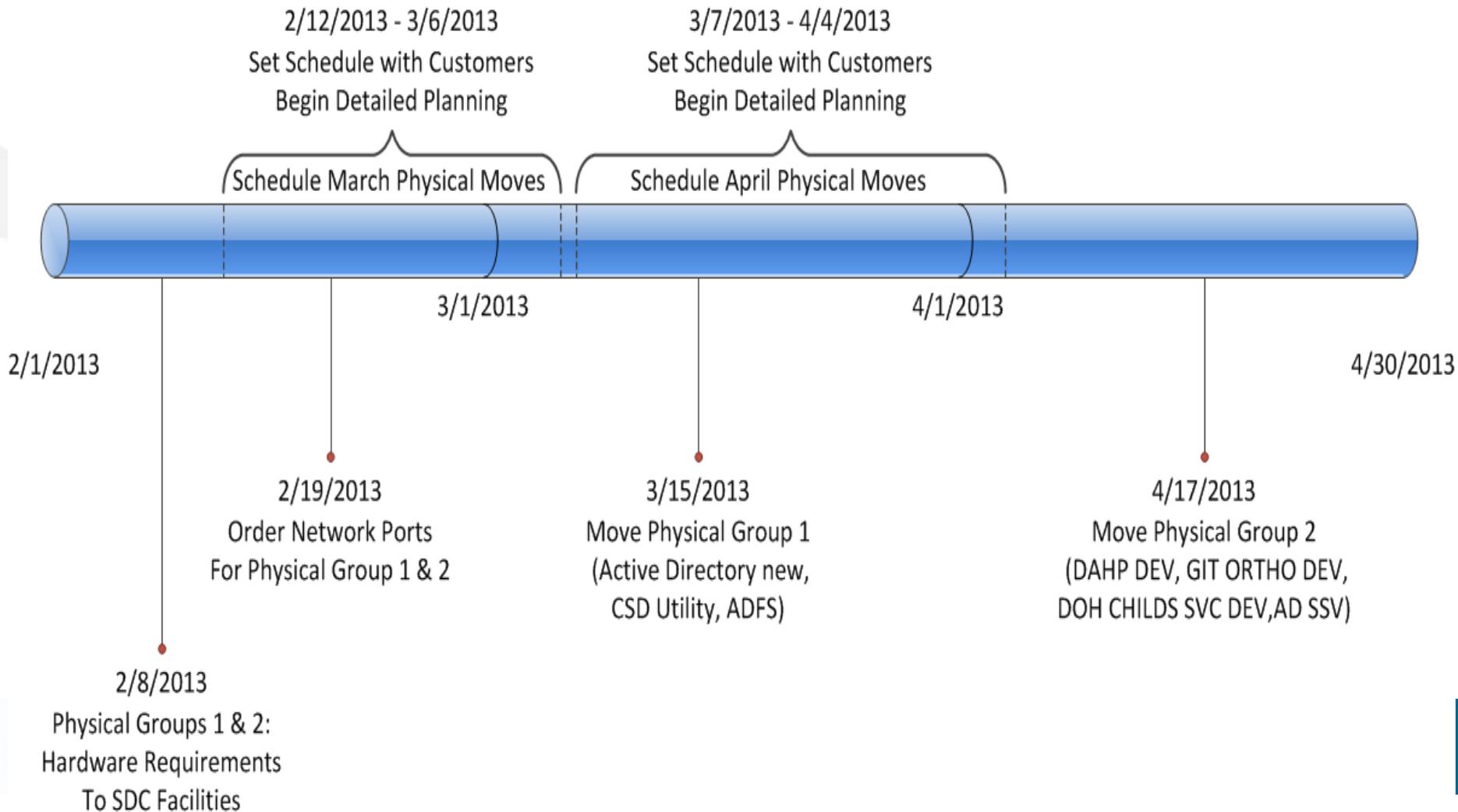


March and April Virtual Server Moves



- **Virtual Group 1:** CSD Test, Test, VPSN/RDP Local Connect
- **Virtual Group 2:** ADFS Test, Blackberry test, CSD LAB, CSD OBTAIN PROD, CSD Utility, DIS TSD OSS Test
- **Virtual Group 3:** AD PRE-EXCHANGE, AD PRE-ROOT, AD SSVT, FAMLINK DTT
- **Virtual Group 4:** ECOMM DEV, ECOMM PROD, ICC ESB DEV, Infrastructure
- **Virtual Group 5:** MISC2, MISC2 - ATS FIM, MISC2 - DEL, MISC3 - DOC OMNI Proxy, MISC3 - TREND MICRO PROD, MISC3 - Unisys PROD MISC2 - DFI DEV DB Server

March and April Physical Server Moves



Performance Testing/Benchmarks

- Will use existing tools and monitoring functions but some modifications are required.
- Teams have action item to produce example baselines with actual data by January 28th.
- Primary focus is on performance testing and not benchmarking with the goal to uncover problems before they get into production.
- Performance testing will be discussed with affected customers with encouragement to participate.



Design Decisions

- Recently Approved
 - SDC-039 Migration Strategy for hosted and managed VMs
- Pending Signature
 - SDC-021a DH1 Intra-Row Cabling for Servers
- Upcoming Reviews
 - SDC-013 Load Balancing Options in the SDC for CTS applications (currently doing research)
 - SDC-036 FCoE Storage/Ethernet Converged Networking within the SDC (currently being vetted)
 - SDC-038 Storage Switch Ownership (recommendation being updated)



SDC Lab Update

In progress:

- Awaiting options from McKinstry regarding the lab layout and design including power, cooling, and cable trays
- TSD completing process for approval to transfer existing Nexus gear for use in the lab
- Completing initial enclosure elevation drawings
- Determining storage and WiFi equipment needs for the lab
- Finalizing Lab Guide (Policies and Procedures)

Next steps:

- Select lab layout option and proceed with construction
- Continue Enclosure space planning

Anticipated lab ready for occupancy: mid-March



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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
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	1/16/2013	1/31/2013	Jeff is updating the design decision paper to document the plan that was agreed upon between CSD and TSD.	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	1/16/2103	2/28/2013	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	Storage	H	7/22/2012	1/16/2013	1/31/2013	Valerie is researching open questions.	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	1/16/2103	1/31/2013	The team has identified an alternative approach with less risk, effort, and cost. Doug and Valerie to confirm assumptions. Once confirmed, the 9509 decision paper will be amended to reflect the new direction.	Open



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Customer Communications

In addition to our [Technical Bulletins](#) which notify customers of upcoming changes, customers will receive additional communications regarding SDC project-related changes.

This includes:

- Change Reminder Bulletins sent to customers as a consolidated reminder of upcoming SDC migration activity.
- The SDC Migration Calendar that will include specific information linking back to the Technical Bulletins.



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Change Reminder Bulletin



Consolidated Technology Services

1500 Jefferson Street SE
Olympia, WA 98501
Service Desk: 360/753-2454
ServiceDesk@cts.wa.gov

SDC Projects Change Bulletin

Date: December 31, 2012
To: All CTS
From: SDC Projects
Re: Technical Bulletins 11.1.96 and 12.1.67



Over the next several months the State Data Center (SDC) Projects will be migrating systems to the SDC. In December, the new PBX system in the SDC went into production ([Technical Bulletin 15.1.17](#)).

On January 5th network core equipment in OB2 will move to the SDC and production traffic will begin to be routed through the SDC. On January 12th the last of the network core equipment will be moved, signifying the last major milestone of the SDC Network Core Project.

For additional information about upcoming changes see the technical bulletins listed below:

Date/time	Title	Tech Bulletin	Impact
1/5/13 8:00AM-8:00PM	SMON and Network Core equipment move	12.1.67	No expected service disruption
1/12/13 8:00AM-8:00PM	Network Core equipment move	12.1.67	No expected service disruption

If you have any questions please contact the CTS Servicedesk at (360)753-2454 or at servicedesk@cts.wa.gov.



SDC Migration Calendar



CTS' Exchange 2010 environment called out as one of the best evaluated!
[Read more](#)

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SDC Migration Calendar

CTS began migrating equipment and systems from the existing data center (OB2) to the State Data Center (SDC) in December 2012. Migrations will continue for many months. CTS currently publishes [Technical Bulletins](#) to notify customers of upcoming changes. However, the level of activity/change associated with SDC migrations has prompted us to increase the methods and frequency of communications regarding changes. We have created this page to share:

- Change Reminder Bulletins will be sent to CTS customers as a consolidated reminder of upcoming activity related to SDC migrations.
 - [Current Change Reminder Bulletin](#)
 - [Archived Change Reminder Bulletins](#)

Important Links

- [Home](#)
- [Customer Readiness](#)
- [Background](#)
- [Status Report Archive](#)
- [Meetings](#)
- [Migration Calendar](#)
- [Archived Updates](#)

January 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1)	2)	3)	4)	5) SMON and Network Core equipment move
6)	7)	8)	9)	10)	11)	12) Network Core equipment move
13)	14)	15)	16)	17)	18)	19)
20)	21)	22)	23)	24)	25)	26)
27)	28)	29)	30)	31)		

2013 | [January](#) | [February](#) | [March](#) | [April](#) | [May](#) | [June](#) | [July](#) | [August](#) | [September](#) | [October](#) | [November](#) | [December](#)



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January 24th Customer Meeting

Draft Agenda:

- SDC Projects Overview
- Update on Customer Migration Projects
- Customer Communications
 - SDC Migrations Calendar
 - Customer Readiness Website
 - Customer Engagement Plan
 - FAQs
 - Readiness Guide (coming soon)



Questions

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