

20160426 Meeting Minutes

Tuesday, April 26, 2016 9:34 AM

ACTION ITEMS

- (Clay) SER review dates/times (Clay)
 - Paula/Greg/Polly/Paul - SER report for review
- (Ken/Lance) Master action items list for the workshops
- (Polly/Paula) Cable management in existing location
- (Ken) Detailed scheduled key milestones and deliverables during management - for creation next Tues, 3 May
- (Ken) Ken to send link for OneDrive project file to Polly
- (Paul) Scheduling dates with Lance, Zach -

Compute Deployment 2 workshops
Wednesday May 4th, 1-3pm (CFISD ISC)
Friday May 6th, 9-11am

Management Cluster 1
Monday May 9th, 1-3pm

OneView
Wednesday May 11th, 9-11am

- (Layer 3) Provide the following to CFISD regarding network options:
 - What was bid – with the pros and cons
 - What is the cost for fixed form – with the pros and cons
 - What is the cost for modular form – with the pros and cons
 - What is the cost for a full figured form design – with the pros and cons

AGENDA

In addition to finalizing the Data Center Network BOM and design, here are additional items that are outstanding that I think an updates is needed:

1. An update on the progress of the low level design meetings from Presidio which drives their implementation Scopes of Work
2. An update of the compute design meetings and implementation
3. Status of equipment orders
4. Status of ISC Data Center Readiness for New Racks
5. Development of Comprehensive Implementation Plan and Associated Schedule
6. Switching

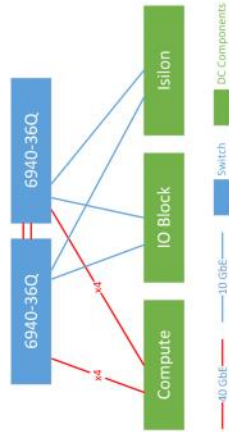
NOTES

- - Systems Engineering Report completion on Clay
 - Look for completion by end of this week, May 3rd or 4th for review of SER.
 - May 9th for review of the engineering report
 - Possible 2 hour and then next day for finishing up
 - Two categories for the compute design session scheduling
 - Infrastructure workshops -
 - VMware software implementation workshops - later
 - Identified racks to be pulled when EMC racks arrive
 - Addressing power? Cable management?
 - Exchange existing power strips with those coming from EMC.
 - Network design discussion



20160426 Network Options Whiteboard Drawings

RFP / Phase 1



Pro:

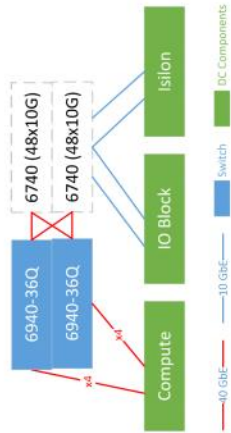
Inexpensive
Meets Minimum Requirements

Con:

Does not resolve 6509 End of Life issue
Does not scale well



Phase 1 (with 10GbE switch)



Pro:

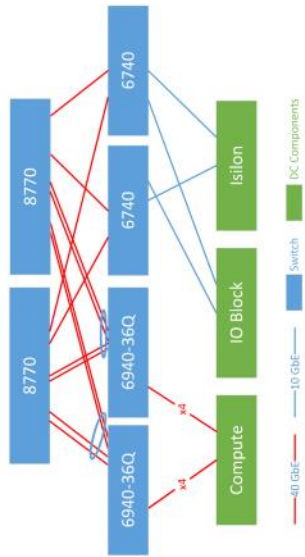
- Inexpensive
- Meets Minimum Requirements
- Simplified Cabling
- Less Breakout/Adapter Costs
- Increased port count

Con:

- Does not resolve 6509 End of Life issue
- Does not scale well



Basic Spine+Leaf (Modular)



Pro:

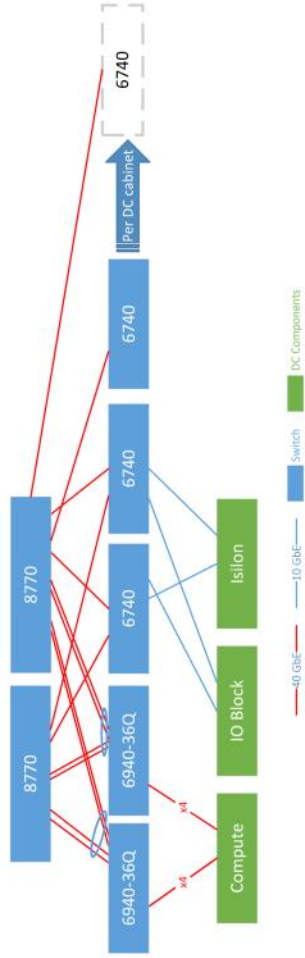
- Scales Well
- Solves 6509 End of Life Issue
- Less Oversubscription
- More Performance

Con:

- More Cost



Full DC Spine+Leaf (Modular)



Pro:

- Easier scale/expansion as equipment is added to DC
- Solves 6509 End of Life issue
- Less Oversubscription
- More Performance

Con:

- Highest Cost Option

