

NSF CC-NIE Working Group Meeting

April 6, 2015

Agenda

Time: 3:30-4:30pm, April 6, Monday

Location: Physics building, Conference room 403B

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1. Status of measurement infrastructure and update on data analysis software
2. Update from CEN
3. Status of Science-DMZ equipment at Storrs
4. Update from UCHC
5. Next step
6. Open discussion on other issues

Minutes

- Update from UCHC: The storage array that was moved from Farmington to Storrs on 3/25 has been working as planned and Research network traffic is moving between the three sites.
 - as of Tuesday 3/24 the physical move of the Storrs rack of the cloud storage to UITS datacenter has been completed and the 3 private LANs between the Storrs and Farmington datacenters are routed over the new network; average latency 2 ms
 - as of yesterday late morning, the public interface located at UITS is accessible to users on the Storrs campus who can now directly use the shared cloud storage without VPN into UCHC; information will be broadcast later this week after we finalize details regarding outside access security and DNS entries.
- Updates from UConn Storrs:

Routers

The purchase order for the pair Juniper MX960s routers was finally received by IGX (the reseller) on 3/25. The total was about \$356K. The quoted lead time is 30 Days. For geographic redundancy, one

router will be installed in the HBL building on one side of campus, and the other router will be installed in the MSB building, on the other side of campus.

Transceiver

We still need to submit a purchase order for the 10G and 100G MX960 transceivers. The best IGX quote so far, at %85 off list, is about \$55K. The best 3rd party Juniper compatible quote we have so far is for \$14,935. So the plan at this point is to go 3rd party.

There are also some 10G Cisco transceivers we need to purchase as well, for use with the Cisco 7604 10G blades given to us by CEN. Best quote so far has been about \$23K, but I think we can do better if we go 3rd party, but I still need to get quotes.

DWDM Gear

I think CEN is also still waiting for the Ekinops 100G DWDM chassis, which will be installed in the same rack as the MSB router, and be patched through to HTFD via the Mansfield Depot campus.

Other parts

A separate order for MX960 spare parts and a pair of smaller MX104 routers for our lab was sent out a few weeks ago and should be here by the end of April.