

## **NSF CC-NIE Working Group Meeting**

**Dec. 12, 2013**

### **Agenda**

Time: 2:15-3pm, Dec. 12, Thursday

Location: ITEB 336

Agenda:

1. Status of the monitoring infrastructure
2. Status of equipment
3. Next step
4. Summary of the SDN meeting with Yale, and discussion on our plan to use SDN at UCONN and UCHC
5. Open discussion on other issues

### **Minutes**

#### **Present:**

UCHC: Ann, Sophan, David, Jeff D., Ion, Khamis

UConn: Scott, Bing, Ed, Bob, Jeff F.

1. Status of the monitoring infrastructure

Jeff and Bob have been looking into throughput monitoring to prepare an image for the hardware. Expect this to be completed in a couple of weeks. After that, will order equipment. There is a brief discussion on whether we need to have the capability of monitoring 40Gbps (in addition to 1Gbps and 10Gbps). The decision is to put it off for the time now given the much higher cost and no immediate need.

2. Status of the ScienceDMZ gateway

Jeff and Bob have talked to three main vendors, Cisco, Brocade and Juniper. The decision is Juniper, in concert with the decision at CEN and UCHC.

Scott inclines to use another vendor for DWDN line. Will finalize the decision around Jan. 1.

3. Next step

Scott finalizes the vendor (quote) for DWDN around Jan. 1. UConn finalize the decision on ScienceDMZ gateway middle of January.

Will test throughput (and delay) between UConn and UCHC at some point of time in near future (before the two sites set up perfSonar equipments).

#### 4. Maple SDN controller and SDN deployment

Bing summarized the meeting with Yale about SDN controller. Ed has been looking into SDN support of CEN equipments (most Cisco equipments there however do not support SDN; might be possible in a few months).

As to SDN deployment, UCHC envision they will look into this in the second year of the project. UConn will make sure all the equipments that are ordered have SDN capabilities. As to actual deployment, CEN will work as a transient, UCHC and UConn will extend the reach where and when the reach is needed.

#### 5. Open discussion on other issues

Ion mentioned will come back to Richard's request on sharing resources between UCHC and UConn for OSG.

Next meeting: due to holiday, will skip one meeting. Next meeting will be 2-3pm, Thursday, 1/9/2014.