

NSF CC-NIE Working Group Meeting

Nov. 14, 2013

Agenda

Storrs

- First priority
- Rough timeline (for near term)
- Coordination of main personnel (bi-weekly meetings?)
- Involving domain scientists (quarterly meetings? Kick-off meeting?)
- Email list?
- Project website?

Farmington

- Status? Lessons learned so far? Coordination between Storrs & Farmington campuses

SDN

- MAPLE SDN controller from Yale

Minutes

Present: Jeff, Scott, Robert, Ion, Bing

First priorities: monitoring

setting up **PerfSonar** nodes to monitor the baseline performance

Storrs: monitoring at three locations, each location with two nodes (on throughput and latency)
recommended hardware requirement at

<http://psps.perfsonar.net/toolkit/hardware.html>

Jeff will look into it to get quotes

UCHC: set up one PerfSonar node for now, mainly monitor performance between UCHC and Storrs

Immediate steps:

1. Storrs: finalize equipment for DMZ, has set up a visit from router/switch vendors (Juniper, Brocade, Cisco) - next 2 weeks
2. Farmington has decided to go with Juniper Networks; CEN has purchased a 100Gbps Juniper router

Coordination

Agreed to meet Thursday at 2:00 every two weeks.

Kick-off meeting

Delayed until we have clearer plan. But will post bi-weekly meeting minutes to everyone in the project to keep people up-to-date.

Involvement of domain scientists

We should send out meeting minutes from the biweekly meetings. The idea came up to invite one representative domain scientist to visit our biweekly meetings and exchange ideas. The idea would be to devote a short section, maybe 10 minutes, of each meeting to this interchange. Another way is to post Research Newsletter (ask RA to interview a domain scientist and write about the research); post the reports on project website. Also, may send the reports to UCONN Today and Internet2. Also send short and useful surveys to researchers to know their needs and interests.

Email list

Agreed to create an email list with everyone involved.

Project website

We agreed that there should be a project web site set up, where we keep track of progress and milestones, and post meeting agendas and minutes.

SDN Controller

Interests in using it in data center at UCHC, potentially in CC-NIE, and Open Science Grid.

Update from UCHC

CC-NIE will be part of a larger internal Bio-Science Network initiative. It is very important to engage domain scientists to advertise the capability of the infrastructure. Ion and other relevant people will attend bi-weekly meeting (when the agenda is relevant).