

NSF CC-NIE Working Group Meeting

October 20, 2014

Agenda

Time: 3:30-4:30pm, October 20, 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

Present:

UConn: Bob, Richard, Jeff, Bing

Folks at CEN and UCHC were not able to join the meeting.

1. Status of measurement infrastructure

PerfSonar nodes at Storrs campus will remain shut down until the software will be updated. The current version (3.3.4) has some vulnerability. The new version requires some new hardware, and will be able to combine delay and throughput measurement in one box. Jeff and Mike are in the process of creating a perfSonar node with 10Gbps card, running the new version. The node needs to be tested in labs before being placed into the production network.

As a side note, it is possible to use some spare hardware to construct a DTN node that can be used in the science DMZ. The node is expected to reach bitrate of around 4.5 Gbps (for high-speed wide area data transfer).

3. Status of Science-DMZ equipment at Storrs

Jeff will discuss with the new director of the telecommunication department regarding the SDN project.
Jeff has initiated discussion with the security group on security issues in science DMZ.