

Wisconsin connection to Proto-GENI request, was again tabled due to unknown bandwidth needs.

GpENI 1 Gig connection was delayed until all involved have a conference call to discuss total needs to Proto-GENI. Kent will schedule this meeting.

There will be a meeting of Claude Garelick, Jeff Bartiq, Shannon Sperling, Kent Christensen and representatives from ESNNet to discuss the GPN to ESNNet connection in Kansas City and peering to ESNNet. This meeting will be held at the upcoming Joint Techs Meeting in Salt Lake City.

The congestion on the GPN circuit to Internet2 has been reduce by the following:

UNL's CMS group has self limited their traffic to 2 Gigs.
The Transit Rail Pilot has move some traffic off of the Internet2 circuit to the FrameNet circuit.
Work is still being done to enable the DCN/ION circuit for UNL's CMS traffic.

The discussion on the Transit Rail/I2CPS merger was lively. Which generated some questions for Bill to ask on the I2 Conference Call about this on Friday.

Questions about cost recovery and the amount paid to CENIC for 3 full time engineers were a couple of the questions

GPN Program 2010 Planning Project Update.

Not all of this was on the call, due to time constraints:

Here is what is suggested for priorities.

1. Set "Committed Bandwidth headroom trigger" for researching bandwidth solutions.

*** It was voted that when the 95th percentile of traffic is 6 Gigs on the monthly graph, research will be done to determine the best plan of action. Members should be feel they need to wait for the trigger to be tripped before bringing bandwidth concerns forward.***

2. Get Bandwidth projections from members.

A spread sheet was sent to the gpnnet mail list and is was requested to have responses back in 2 weeks. Let's make the due date 02/05/2010. Send the spreadsheets to kchristensen2@unl.edu when completed. I will total the Research traffic and multiplied by .70 to plan for future bandwidth. CPS traffic should be the daily sustained peak traffic. (if from 8:00 to 17:00 is your peak traffic time, and the graph is around 650 Mbps and you have a quick spike to 800 Mbps, record 650 Mbps use your best judgement)

ION/CPS traffic should be the bandwidth you need when using ION/CPS.

3. Size connection to I2 based on the bandwidth projections and relevant calculations.

4. Identify the relevant network-related organizations, meetings, working groups, etc. that GPN should be engaged with and assign a primary and secondary contact

Determine what information should be disseminated from these events, to who (e.g. Executive Committee, Network Program Committee, Network Technical Committee, member contacts), and in what fashion

5. Suggest Network Equipment upgrades needed for increased bandwidth and connections.

6. Look at NOC management and futures.

Thanks and as always, if you have corrections or additions, please let me know.

Kent Christensen
kchristensen2@unl.edu