

# July 7, 2009

NTAC

7/7/09

In attendance: Jeff Bartig, Jeff Boote, Brian Cashman, Cas D'Angelo, Matt Davy, Carla Hunt, Michael Lambert, Caren Litvanyi, John Moore, Chris Robb, Linda Roos, Paul Schopis, Jeff Schiller, Joe St Sauver, Steve Senger, Rob Vietzke, Steven Wallace, David Wood

Agenda

1. NTAC Updates (Paul Schopis)
2. Update from Internet2 (Chris Robb)
3. Update from AOAC (Paul Schopis)
4. Update from Peering Working Group (Jeff Bartig)
5. Report from DCN Working Group (Linda Winkler)
6. Report from Routing Policy Working Group (David Farmer)
7. Update on Performance Working Group (Carla Hunt)
8. Update on ARIN issues (Dave Farmer)
9. Phoebus/Bulk Transport (Steven Senger and Chet Ruszczyk)
10. Information & Infrastructure (Martin Swany)
11. Other topics

Meeting Notes

1. NTAC Updates

Paul mentioned that John Moore, Linda Roos and he are meeting to ensure a smooth transition when John becomes NTAC chair in January of 2010.

2. Update from Internet2

Chris Robb indicated that UEN has upgraded from 2.5G to 10G in SLC. He also indicated that the Infinera upgrade to resolve problems with the watchdog timer was successful and that the network has been stable since then. There was no service impact during the upgrade. He went on to say that dates in August have been tentatively scheduled for the swap of three MX routers. He will publish dates to the community and contact the individual connectors affected by the swap. The swap is intended to occur within a 4-hour window. He indicated that there are plans to install an HP switch in Ashburn by the end of July and he will be sending out a list of peers to them in same time frame because it takes a couple of weeks to set up peers.

3. Update from AOAC

Paul mentioned that the AOAC holds two meetings each month, the first of which is a general meeting focused on strategic discussion and the second meeting is an opportunity for staff updates. DCN and ARRA were the main topics on both calls in June. Paul mentioned that he had previously updated the NTAC that the AOAC made a recommendation to create a simpler DCN service while the RAC endorsed the DCN service. A new vlan provisioning service has been built on top of basic DCN infrastructure. The staff provided a document describing the service to the AOAC and will demos will be conducted at Joint Techs. The AOAC asked the DCN working group to review the document and provide recommendations to the AOAC. The other topic discussed by the AOAC was ARRA communications and Internet2 indicated that all connectors and network members had been contacted in early June. Chris added that Internet2 released an RFI for 100G services and a document describing network principles for future Internet2 networks that was generated from information heard on the connector/network member calls. Internet2 plans to share this at Joint Techs. Rob added that there three portions to this. In addition to the technical portion mentioned by Chris, there is a fee portion and a community outreach component. Rob mentioned that there is a great deal of pressure to obtain feedback due to the timeline for the proposals.

4. Update from Peering Working Group

Jeff Bartig indicated that the peering working group was asked by Internet2 staff to provide input on equipment choices. This proved to be difficult without additional details regarding requirements for what the router is expected to do. At the SMM, Internet2 staff distributed a map showing the upgrades planned for fall of 2009. Steve Wallace added that the Seattle upgrade to 10G is in process, getting optics to light Chicago fiber pair; plans progressing for Ashburn. Internet2 staff are waiting on the upgrade in NYC until after the Chicago and Ashburn upgrades have been completed to understand how that affects NY.

5. Report from DCN Working Group

A document describing the web interface for a simplified vlan provisioning tool was shared with the DCN working group, Internet2 staff received feedback on the document. A meeting will be held at the upcoming JT. Good feedback has been received regarding how regionals are going to pursue user management coordination.

6. Report from Routing Policy Working Group

Dave Farmer was unavailable for the call.

7. Update on Performance Working Group

Prior to the call, Carla Hunt provided the following link to the working group charter: <https://spaces.at.internet2.edu/x/hok0>

She presented the charter for review and approval by the NTAC. Paul recommended that the NTAC endorse the charter and also provided the opportunity for comment by those yet to read it. The NTAC endorsed the charter.

Carla mentioned that there will be a f2f at the Joint Techs meeting and that one of the agenda items is IPv6 Netflow Anonymization Policy. Joe St Sauver will provide the talk at JT and here is the link <http://www.uoregon.edu/~joe/ipv6-mask.html>

Carla will send the f2f working group agenda to the NTAC.

8. Update on ARIN issues

John mentioned that he plans to talk to David Farmer about creating an ARIN policy working group and to see if David has the cycles to lead it. Michael Lambert mentioned that there is a great deal going on with ARIN and that it may be difficult to schedule working group meetings. Michael mentioned that Paul has made a call for NTAC members to follow what is going on with ARIN and he volunteered to do so.

9. Phoebus/Bulk Transport

Steve Senger mentioned that there will be a f2f meeting at Joint Techs and that he is collecting agenda items.

10. Information & Infrastructure

Martin Swany was unavailable.

11. Other topics

There were no other topics