

Internet2 Applications Strategy Council Meeting
Monday, May 2, 2005
11:30 AM - 4:30 PM Eastern
Crystal Gateway Marriott Salon G

ASC Attendees: Vijay Kumar, George Thoma, Bill Decker, Cliff Lynch, Alan Whitney, Mark Ellisman, Egon Verharen, David Lassner, Alan Blatecky, Harvey Newman

Internet2 Staff: George Brett, Russ Hobby, Terri Saarinen – scribe, Cheryl Munn-Fremon, Steve Corbato, Laurie Burns, Ann Doyle, Charles Yun, Mike McGill, Doug Van Houweling

11:30 AM Lunch Buffet and Settling In

12:00 PM Welcome & Introductions (David Lassner)

- Recognition of those members leaving the ASC
- Welcome of those members joining the ASC

12:15 PM Informal Conversation with Doug Van Houweling

Doug thanked ASC and said he's glad to have the opportunity to chat. To kick off discussion, he shared briefly things that have to do with Internet2 and the upcoming period of quite substantial change. A number of things are coming to fruition simultaneously:

1. Looking at some applications to be active in the upcoming years that are causing us to look at the backbone capacity. They require 6 gig streams, on a 10 gig backbone, thus we can't do more than one at a time. Do we set up dedicated facilities to handle large flows? Internet2's view would be to avoid turning each area of science into its own network.
2. National Lambda Rail is coming into operation. And Internet2 invested 10 million dollars toward NLR. As result, we have new opportunities for dealing with the current backbone capacity and possible confusion regarding service offerings and where to go to get what. Serious discussions are happening to bring Internet2 and NLR together to yield more cost effective results and provide a more unified set of capabilities.
3. We've had, over the last couple of years, a favorable trend for securing support for specialized activities in the community through special grants. NSF budget we're confronting makes it difficult to continue to grow. No upward trend in budget projections, yet our community demands an increase in operational support of network security efforts. A modest fee increase has been proposed for the next two years and comes at a time when all are experiencing tight budgets.
4. This community continues to generate activity and contribute to the overall scientific research environment in the US. The Internet2 Spring 2005 Member Meeting is the largest meeting to date, and folks are here to meet

and to work with each other. We have an important convening and enabling function to allow and keep our community working together. DVH is here today to get ASC input? Are there aspects for how Internet2 is organized that is important to you? DVH wants your thoughts and takes very seriously the guidance he gets from councils. ASC brings the scientific view from those who use the capability Internet2 provides.

A wide ranging discussion followed about what Internet2's role should be with applications. There is sentiment from some members that Internet2 should not do applications, but to refocus on core network capabilities and assume the rest will happen. One function for Internet2 is to assist with performance issues and tuning. Another very important function of Internet2 is to assist the applications people in making the proper contacts in the world-wide community.

Doug's said that Internet2 approach to discipline research is to support coalitions and to provide advice about what's possible and what's not possible.

More comments followed:

Much of Internet2 work in Applications has focused on evangelizing applications. Need to shift that focus to make real applications more of a reality on campuses. We've talked about creating cookbooks and guides for campuses to help get more ready to deploy these applications. This could be one outcome of the CETF.

It was asserted that there is general belief that central IT organizations have abandoned research for centralized application and instruction. It's been left to decentralized locations on campuses doing their own thing. This may explain why we're having trouble handling E2E issues. There is confusion on campuses. CIOs not responsible, research happens by a few cowboys.

Doug thanked the ASC for the opportunity for frank conversation and left at 12:58 PM.

1:00 PM ASC Chair Election

By acclamation, the ASC votes to name David as chair.

1:15 PM Updates from Internet2 Discipline Area Program Managers

Program managers are here for presentations and Q&A.

Laurie, introduced the discipline program managers. Charles Yun and Russ Hobby handle Science and Engineering, Ann Doyle has Arts and Humanities, and Mike McGill Health Sciences. NPPAC discussions confirmed that these areas are where resources get placed as a way to reach out to end user communities and how that information flows back to the organization. There is less reinvention of the wheel as communities learn from each other. There are different community approaches and the work varies. Each manager described their communities and the work that they do.

2:45 Break

3:00 PM ASC Project Discussions

Campus Expectations Task Force

The task force is led by Bill Decker. One fundamental question for the Task Force is what the end product should look like? Depending on what the end product is, it will become more and more important to generate buy-in for the end product in advance of the delivery of that product instead of having to prepare something that needs to be sold.

Who should have a voice in the discussion? The charter mentions CIOs, Apps Officers, GigaPops? Are we missing key constituencies like Senior Research Officers? One of the complexities is that it may be hard to get all of these voices at the table. Some don't know they have a voice, and others may not want to share. What about federal funding agencies – do they have a voice, how do we get them to the table?

1. What should be the nature of the end products or products?
2. How do we gain buy in?
3. Who should have a voice?

A discussion of these questions followed.

One of the products should be something campuses can use to sort out roles and responsibilities and help them sort out structural problems that have been developing for a while.

It was suggested that one of the products could include a white paper. CETF target should look at application groups and those who make decisions about campus networks and influence those decisions.

This task force should identify what IT organizations need to do to make things functional for researchers and others. Target audience here is not the CIOs, it is where the campus investments are made – the campus leaders.

Real Time Communication

The first meeting of the RTCAG (Real Time Communications Advisory Group) is Tuesday at lunch. Tyler Johnson is chairing this via video. ASC goal is to achieve some convergence or interoperability of tool sets. One hopeful outcome is a roadmap and not a prescription although the charter has a number of goals.

Lecture Object Survey Update

Survey results were sent to the council. 100 responses received, lots going on, interesting, not at all coherent. Session is Wed at 7:30 am – free breakfast – session set up to discuss results. Cliff recommended this being an agenda topic in two months (July call).

Teaching & Learning

Jennifer MacDougall and Marty Seigel kick off this group at this meeting.

IDEA Awards

Members will hear about this in 2nd general session, Ted Hanss and Annie Stunden co-chair.

<ASC went into a closed session at 3:50 PM and Internet2 staff was dismissed>

Next ASC monthly call is scheduled for May 25 at 1:00 pm Eastern