

Draft JET Meeting Minutes
May 16, 2006

I. Participants

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Action Items

1. Jim Williams will send a schematic of TransPac to the JET.
2. If you have an interest in RENOG issues or participation contact Jim Williams: Williams@indiana.edu or subscribe to the RENOG email list on the RENOG Web site: www.renog.org
3. Jim Williams will send the RENOG charter to the JET members when it has been developed.
4. Paul Love will put RENOG on the JET agenda for July with Chris Robb and Heather Boyles as speakers.
5. JET agencies with a capability to use the Access Grid should plan to use it for the June JET meeting and contact Doug Baggett (dbaggett@nsf.gov) and Grant Miller (miller@nitrd.gov) or George Seweryniak (seweryni@er.doe.gov)
6. Heather Boyles will send out the URL for NewNet plans. She will approach Steve Cotter about giving a presentation on NewNet to the JET at the July JET meeting.
7. If you are interested in participating in the DNSSec pilot group, contact Charles Yun of Internet2 (tcyun@internet2.edu)

Proceedings

This meeting of the JET was coordinated by George Seweryniak of DOE and Paul Love of the National Coordination Office.

TransPac

Jim Williams presented the current status of TransPac. Japan has installed a switch in Los Angeles where the TransPac2 and JGN2 networks will connect. TransPac will be carrying out performance measurement and security testing across the Pacific soon.

AI: Jim Williams will send a schematic of TransPac to the JET.

Research and Engineering Network Operations Group (RENOG)

The Coordinating Committee for Intercontinental Research Networks (CCIRN) has proposed an international group to coordinate operations of international research and education networks (RENOG). RENOg would be an umbrella organization to facilitate interactions and exchanges among international NOCs. RENOg will provide a forum to investigate improving NOC-NOC communications through many potential mechanisms. It will also encourage better trouble ticket (TT) interchanges for resolution of issues. End-to-end performance measurement and security would be other topics for discussion.

CCIRN is drafting a charter for the RENOg. It will be a federated group with no organizational hierarchy. It will be global in extent and would include R&E network operational organizations. A BOF on RENOg will be held at the APAN meeting in Singapore and at the Joint Techs meeting. There is a RENOg Web site at: www.renog.org.

AI: If you have an interest in RENOg issues or participation contact Jim Williams: Williams@indiana.edu or subscribe to the RENOg email list on the RENOg Web site: www.renog.org

AI: Jim Williams will send the RENOg charter to the JET members when it has been developed.

Discussion among the JET members indicated that multicast and the Access Grid are very sensitive to broken routing so they likely would not be good candidates for RENOg communications.

AI: Paul Love will put RENOg on the JET agenda for July with Chris Robb and Heather Boyles as speakers.

Access Grid for June JET Meeting

DOE has requested to use the Access Grid at its June meeting. NSF will support this (Doug Baggett). Other JET agencies are requested to use the Access Grid if they

have the capability.

AI: JET agencies with a capability to use the Access Grid should plan to use it for the June JET meeting and contact Doug Baggett (dbaggett@nsf.gov) and Grant Miller (miller@nitrd.gov) or George Seweryniak (seweryni@er.doe.gov)

JETnet Roundtable

Abilene

No changes

NewNet

NewNet is being debated and a NewNet plan is being developed. There is a potential to leverage NLR facilities if I2 and NLR combine. A design workshop is being held for NewNet focused on connectors.

AI: Heather Boyles will send out the URL for NewNet plans. She will approach Steve Cotter about giving a presentation on NewNet to the JET at the July JET meeting.

DREN

DREN is preparing for its conference on secure DREN in Kingsport, Tennessee. DREN is holding its networkers conference in August.

ESnet

ESnet is developing a 10 Gig link to Jefferson Laboratory (JLab) scheduled to be operational by month's end. ESnet held a demonstration in cooperation with Abilene of OSCARS. They created a dynamic circuit across the backbones of the two networks using Web-based tools to implement virtual circuits.

HOPI

HOPI announced a service trial with GEANT for 1 GigE across the two networks. All GEANT NRENs currently have a 10 Gig circuit. Under this service trial they can request a 1 GigE circuit across the Atlantic.

NREN

NREN is seeking collocation space at its L3 Sunnyvale facility. Equipments will arrive in mid-June. Connection to Langley will be completed in late July or early August.

AmPath

AmPath is extending its REN-Lila circuit to Chile to support the Gemini service.

StarLight

StarLight is supporting demonstrations of the National Center for Data Mining, which will use several sites globally including Asia and the Netherlands. They supported another demonstration for the APEC group in Calgary, Canada that was successful.

StarLight is completing local connections to Indiana and Purdue. They are working on lambda switching with the OptiPuter project.

DNSSec Pilot Group

Charles Yun of Internet2 is organizing a DNSSec pilot implementation program. Four organizations will start to exchange keys including Merit, NYSERnet, Internet2, and Educause. Through the end of May each organizations will implement the tools, software, and services for running DNSSec on their system. In the following two weeks the organizations will start exchanging keys, with cross-domain signing. They likely will use USHER.

AI: If you are interested in participating in the DNSSec pilot group, contact Charles Yun of Internet2 (tcyun@internet2.edu)

Meetings of Interest

May 21-26, NISN Customers Forum, San Antonio, TX

July 16-20 Joint Techs meeting, ESnet, Internet2, Madison, Wisconsin

July 16-20 Performance Measurement workshop in coordination with the Joint Techs meeting

August 21-25 DREN Network Workshop, Rolnert Park, Sonoma, California

September: I2 Measurement workshop in Fairbanks. Additional workshops in Madison, Chicago and the Hampton Roads area.

December: Internet2 Member's Meeting in Chicago

Multicast, IPv6 Workshops: Several workshops will be given including May 31-June 4: IPv4 multicast University of Michigan, University of Wisconsin just prior to the Joint Techs meeting, University of Illinois July 31-Aug 4, Houston in the fall.

September 7-8 ONT3 Workshop, Tokyo, Japan

May 8-12 GLIF Meeting, Tokyo, Japan

DREN Security: Kingsport, Tennessee

August: DREN networkers conference

Next JET Meetings

June 20, 11AM-2PM, NSF Rm 1150, Using the Access Grid

July 19 evening at the Madison, Wisconsin Joint Techs Meeting

August 15, 11AM-2PM, NSF Rm 1150

September: No meeting due to overlap with the ONT3 Workshop in Tokyo.