

JET Meeting Minutes

March 15, 2016

Participants

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Action Items - New

1. Mike Gill will check on HHS deployment of TICAPS and report on them to the JET in April.

Action Items - Carry forward

1. Bobby Cates will arrange for a DHS presentation on Einstein 3A to the JET
2. Jennifer Schopf will inform the JET members of her inexpensive deployments of perfSONAR on ACE.

Proceedings

This meeting of the JET was chaired by Kevin Thompson of the NSF. At the April JET meeting, we expect a briefing from DHS on the Einstein 3A box and from Jennifer Schopf on inexpensive perfSONAR equipment.

JET Roundtable

ESnet: Nick Buraglio

ESnet continues its planning for ESnet6. ESnet is restructuring into 3 divisions: Planning and Architecture, Engineering, and New Technology (DevOps). Leads will be: Patrick Dorn - Engineering, Joe Metzger - Planning and Architecture, and Cody Rotermund - DevOps.

ESnet is implementing a software upgrade on the backbone, moving to new vendor code on the Alcatel equipment. The transition has been extraordinarily smooth – no interruption of service.

ESnet has been working on ENOS and other internal projects.

Internet2: Grover Browning

Internet2 continues to work on capacity issues and awaits the hardware shipments to get started on our backlog. They expect to receive shipments around March 17.

For the hardware failure between 32AoA & Philadelphia of ~2h14m, card reset resolved issue. There was an 1h17m Fiber cut between DENV-KANS. This is about 3 hours longer than generally expected. It looks like they tried to pull 3k of fiber to replace the path but had trouble because of a bend in the tube.

NIH: Mike Gill

HHS is building their own TICAPS.

AI: Mike Gill will check on HHS deployment of TICAPS and report on them to the JET in April.

NASA: George Uhl

Nothing new to report

NIH: Mike Gill

Nothing new to report

NOAA:

NOAA's TICAP deployment is on-track. N-Wave is focused on the networking to tie together the TICAPs.

PacWave: Dave Reese

No major changes on the West Coast.

PacWave colocation in Tokyo is expected to be operational by the end of March; the power is already installed. PacWave will then have 2 points of Presence in Tokyo. A 100G link from El Paso to LA will be operational and supporting PacWave in one week. This run is regen free.

3ROX: Michael Lambert

The 3Rox Bridges system is operating well and is in its friendly user-phase. There is currently no user incentive to consider dark fiber in West Virginia.

MAX: Dave Diller

MAX is moving its last fiber to support its move to Baltimore. The old gear is being shut down.

StarLight: Joe Mambretti

StarLight is working with KREONET to implement a 100G link from Daejeon to StarLight. It is a direct link across the Pacific with CenturyLink to StarLight. A secondary 10G link from Asia and 2 links through Amsterdam in Europe are managed by KISTI. StarLight is implementing an SDX in cooperation with Korea in Daejeon.

The federation of Chameleon and GENI networks is completed.

StarLight has a cloud testbed with Canada (SAVY)

Conference calls with Dave Reese have provided coordination of the Pacific SDX at Seattle and LA. Other SDXs are being coordinated with Julio Ibarra for South America and Tom Lehman at the MAX. Integration of all the SDXs will be

demonstrated at SC16. An SDX at the University of Darmstadt in Germany is also coordinating with StarLight. There is a project underway with SINET to bring up 1 or more SDXs in Tokyo in support of science projects. They will connect to the U.S. West coast and then to StarLight.

JET May Meeting

The JET May meeting will be held May 17, 7:30-9:30 CDT in Chicago concurrent with the Internet2 Global Summit.

Meetings of Interest:

March 29-30	ESCC , Berkeley, CA
April 3-8	IETF 95 , Buenos Aires, Argentina
April 17-20	ARIN 37 , Montego Bay, Jamaica
May 15-18	Internet2 Global Summit , Chicago, IL
May 31-June 1	NDN Workshop held at NIST
June 12-16	TNC16 , Prague, Czech Republic
June 13-15	NANOG67 , Chicago, IL
July 17-22	IETF 96 , Berlin, Germany
August 1-5	APAN42 , Hong Kong
September 25-28	TechX , Miami, FL
September 29-30	GLIF16 , Miami, FL
October 17-19	NANOG68 , Dallas, TX
October 18-19	ESCC , Philadelphia, PA
October 20-21	ARIN 38 , Dallas, TX

Next JET Meetings

May 17	7:30-9:30 CDT, Chicago, IL Chicago Marriott Downtown Magnificent Mile <i>nb</i> : This is the site of the Internet2 Global Summit
June 21	12:00-2:00 EDT, NSF