JET Meeting Minutes
February 18, 2014

Participants

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Action Items
1. Grant Miller will convene the JET Big Data Committee to start planning improved big data demonstrations for SC14.

Proceedings
> This meeting of the JET was chaired by Vince Dattoria of DOE.

Network Roundtable
ACE: Dale Finkelson
> No changes.

GENI: Heidi Dempsey
> GENI has been re-engineering their networks to rehome users who had been connected by NLR which is ceasing operations. All sites have been reconnected except for Louisiana which will reconnect next month. NLR will continue for one additional month to March 2014.

Internet2 Network: Dale Finkelson
> Internet2 has brought us new 10G AL2S connections for NOAA in Denver & McLean, Sox in Dallas, FLR in Jacksonville, both the University of New Mexico & LEARN in El Paso, and TACC (XSEDE) in Dallas. They have also turned up 100G connections on AL2S for SOX in Atlanta, Pacific Wave in Los Angeles & Seattle (due next Wednesday), and MARIA at Ashburn.
> They have turned up new 10G waves for NOAA (Denver-Seattle & Denver-Salt Lake City), TR-CPS (Chicago-Seattle & Seattle-PAIX), and CANARIE (Seattle-Chicago – due Thursday.) There have also provided additional colo and had some service delivery points migrations for other members

NASA: Kevin Kranacs, Andy Germain

PerfSONAR had ceased to work at some test sites. The latest version of perfSONAR with updated BWTCL fixes this problem. Open standards for broadband network testing are beginning to discuss perfSONAR.

NLR: Brian Court

Level3 is continuing NLR operations until March 17, a reprieve of one month. NLR will continue to operate until the network goes dark. NLR users are urged to turn down their NLR peering as soon as possible as the NLR NOC will not have control of the turn down. Most users currently seem to be retaining their NLR connections.

Exchange Points
StarLight: Joe Mambretti

StarLight is re-architecting to accommodate the end of NLR operations. There were many NLR connections and VLANs that are being migrated. Many remain to be re-architected over the next 30 days.

The design of the SDN Exchange (SDX) is progressing. The SDX is a joint project with SOX, Georgia Tech. They are planning for a prototype demonstration for a real application (Un of Massachusetts Doppler Radar) at the GENI meeting in March (March 17-19 GEC19, Atlanta, GA).

StarLight is working with the LHC optical private network to provide LHCONE prototype point-to-point service. They are also doing a test trial of LHC data transfer over the ANA trans-Atlantic network. The Sloan Digital Sky Survey is being migrated to the ACE service for near-real-time operations.

StarLight is bringing up testbeds including the Ciena 100G national testbed from Maryland through StarLight to Ottawa. DREN III is being connected to StarLight. A new provider, Windstream, is being brought up at StarLight for additional capacity.

StarLight is preparing for large-scale high performance storage at 40Gbps

StarLight is participating in the ExoGENI project along with Lawrence Berkeley Labs, Un of Amsterdam, ESnet, ESnet testbed network, RENCI, GENI community and ICAIR.

MREN: Joe Mambretti

Experimental data transfers are being conducted using The Sloan Digital Sky Survey data from the Open Science Data Cloud in Chicago and the University of Amsterdam using the ACE service between the StarLight facility and the NetherLight facility in Amsterdam.

MAN LAN: Dale Finkelson

Circuit setup problem with OSCARS/AutoBahn fixed. perfSONAR box installed.

WIX: Dale Finkelson

perfSONAR box installed.

SDN Workshop: Grant Miller

The SDN Workshop committee continues to write the SDN Workshop report. An improved version has just been drafted and will be discussed tomorrow, February 19. Once a good draft exists it will be reviewed by the LSN to assure it is consistent with Federal agency plans, by the SDN workshop participants to assure it is consistent with the workshop proceedings, and by the JET members. It will eventually be sent to OSTP.

JET Big Data Task: Grant Miller
The JET Big Data Task continues during the current year. The participants in the SC13 Big Data Demonstrations have plans to demonstrate at SC14 (New Orleans) with improved capabilities and bandwidths.

AI: Grant Miller will convene the JET Big Data Committee to start planning improved big data demonstrations for SC14.

Meetings of Interest:
February 20-21	2nd NSF Workshop on perfSONAR-based Multi-domain Performance Measurement and Monitoring, Arlington, VA (invitation only)
February 25-26	ESSC Meeting at SLAC, Menlo Park, CA
February 27-28	Operating Innovative Networks Workshop, Berkeley, CA
March 17-19	GEC19, Atlanta, GA
March 19-20	GLIF Techs, Atlanta, GA
April 6-10	Internet2 Global Summit, Denver, CO
April 8-9, 11-13	PRAGMA meeting in Taiwan
April 15-16	ARIN33, Chicago, IL
May 19	TERENA meeting
May 19-22	TNC2014, Dublin, Ireland
May 28-29	LHC meeting, Rome
June 2-4	NANOG61, Bellevue, WA
June 22-24	GEC20, Davis, CA
June 24-27	US Ignite Applications Summit, Silicon Valley
30 September - 1 October	14th Annual Global LambdaGrid Workshop, Queenstown, New Zealand

Next JET Meetings:
March 18:	11:00-2:00, NSF, Room II-415
April 8:	11:45AM-1:15PM MDT, Sheraton Denver Downtown, Denver, CO
	nb: This is collocated with the Internet2 Global Summit
May 20:	11:00-2:00, NSF, Room II-415