

JET Meeting Minutes January 17, 2017

Participants

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Action Items

1. ESnet will present to JET in the February 2017 timeframe on their architecture planning and the likely hybrid network architectures.
2. Grant Miller will begin JET Big Data Demonstrations teleconferences for SC17.

Proceedings

This meeting of the JET was coordinated by Kevin Thompson of the NSF.

JETNet Roundtable

CAAREN: Andrew Gallo

CAAREN added the World Bank as a connector. Georgetown added a 100G link and is waiting to be turned up. CAAREN will be cooperating with Internet2 on an RPKI pilot for BGP security.

ESnet: Patty Giuntoli

ESnet is carrying out research and development assessment for the future ES6 networking architecture for 3-5 years from now. The architecture is being based on predicted traffic volumes and patterns of users. ESnet is considering 6 candidate architectures to accommodate the anticipated traffic patterns with technology that is affordable. ESnet has deployed 100G research links and 100G peering.

The ESnet testbed is upgrading their Corsa boxes and will be used to test the new ES6 architectures.

AI: ESnet will present to JET in the February 2017 timeframe on their architecture planning and the likely hybrid network architectures.

Internet2: Joe Mambretti

At the beginning of January Internet2 began holding planning events for their next network architecture. In January they held a workshop with the regionals. They plan a network that can support a wide range of network services such as the CENIC network and the new ESnet architecture.

NASA/ GSFC: Kevin Kranacs

Nothing new to report

NIH: Mike Gill

Nothing new to report

NRL: Linden Mercer

NRL is working on quantum networking.

TransPac: Predag Radulovic

Nothing new to report

ACE/NEAR: Predag Radulovic

The ACE 3 x 10G connectivity to Europe is being replaced by a 100G NEAR link. This 100G link is installed and will be turned up soon.

StarLight: Joe Mambretti

StarLight is working with PacificWave to bring up the West Coast SDX with StarLight. StarLight is looking at SDX cooperation with Brazil. DTNs are being integrated into StarLight and StarLight is considering architectures for super-channels from NCSA to the UCSD supercomputer Center to send very large files over a fast-track super-channel. StarLight is beginning planning for SC17 Big Data Demonstrations. These demonstrations will focus on very high capacity links and high degrees of programmability that enable very large files to find super-channels.

March JET Meeting

The March JET meeting will have a discussion of Federal agency TIC compliance.

AI: Grant Miller will begin JET Big Data Demonstrations teleconferences for SC17.

Meetings of Interest:

January 25-26 [HIC](#), Honolulu, HI
February 6-8, 2017 [NANOG69](#), Washington, DC
March 26-31 [IETF 98](#), Chicago, IL
April 2-5 [ARIN 39](#), New Orleans, LA
April 23-26 [Internet2 Global Summit](#), Washington, DC
May 29 – June 2 [TNC17](#), Linz, Austria
June 5-7 [NANOG70](#), Bellevue, WA

Next JET Meetings:

February 21, 2017 12-2 EST, NSF
March 21 12-2 EST, NSF