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The member updates are now archived at <http://www.internet2.edu/members/html/members-update.html>

>> Internet2 Virtual Briefing on Wednesday, February 20

“Multicampus Middleware Issues” is the topic for the next Internet2 Virtual Briefing, which will be a Birds-of-a-Feather panel. Representatives from three multicampus member institutions will discuss the unique issues associated with deploying system-wide middleware solutions. Currently scheduled speakers include Paula Vaughan and Kent Cearly, University of Colorado; Melissa Wauford and Jeanne Hermann, University of Tennessee; and Mark Crase, California State University. Time for the Briefing is 12:30pm - 2:00pm EST. Check the Internet2 website for developing details on this Briefing: <http://www.internet2.edu/activities/html/briefings.html>

Members are encouraged to submit topics for future Virtual Briefings. If you would like to suggest a topic, please email Marianne Smith <melser@internet2.edu>.

>> Online Event Archives Available + Virtual Briefings

If you missed the December 12 Virtual Briefing on Middleware, you can view it via the Briefings archive. For Real Stream viewing, see <http://www.internet2.edu/activities/html/20011212-middleware.html>

To view the archived stream of the January 24 Virtual Briefing on the Future of Virtual Collaboration, see <http://www.internet2.edu/activities/html/20020124.html>

+ January 2002 Joint Techs Meeting

The webcast and presentation archive for the recent NLANR/Internet2 Techs Workshop is available on the Joint Tech website. <http://www.ncne.nlanr.net/training/techs/2002/0127/jt-info.html>

+ Collaborative Computing in Higher Education: Peer-to-Peer and Beyond

The webcast and presentation archive for the recent Peer-to-Peer Workshop is available on the Internet2 at <http://www.internet2.edu/activities/html/p2pworkshop.html>.

>> Board of Trustees and Advisory Councils Nominations Open

+ Nominations Deadline Extended for Board and Advisory Councils

Members are encouraged to submit nominations for individuals to serve on the four Internet2 Advisory Councils and the UCAID Board of Trustees. Note that the nominations deadline has been extended to February 22. Nominations may be submitted on the web or sent to <nominations@internet2.edu> or by fax at 734-913-4255. For more information, see <http://www.ucaid.edu/ucaid/html/nominationsdoc.html>

To obtain a nomination form, please email Sue Boff at <sboff@internet2.edu> or see <http://www.ucaid.edu/ucaid/html/nominationsform.html>

>> International Update

+ Japan's WIDE Network Establishes First Native IPv6 Connection to Internet2's Abilene Backbone Network

WIDE, the non-profit research consortium in Japan that operates a nationwide network infrastructure as a test-bed for new technologies, in cooperation with Japan's Communications Research Laboratory-CRL, has established a native IPv6 connection (jointly with CRL in Japan) between Tokyo, Japan and Sunnyvale, California, connecting to Internet2's Abilene backbone network. WIDE is planning to use the new connection to carry out work with interactive digital video over IPv6 with a number of universities in the U.S. including the University of Maryland which hosts the Fujitsu Laboratory American, an Internet2 corporate member and collaboration site. For more information <http://www.wide.ad.jp/> and <http://www.crl.go.jp/>

Currently, the Abilene backbone network runs an IPv6 service on top of the IPv4 network. Already, an increasing number of Abilene connectors and participants are utilizing the IPv6 service (see: <http://www.abilene.iu.edu/images/v6.pdf>) WIDE and CRL are members of the Japanese consortium of advanced research and education networks (JAIRC) with which Internet2 has a Memorandum of Understanding.

+ GÉANT In Full Service

GÉANT, the pan-European Gigabit research network, is a four-year project set up by a consortium of 27 European national research and education networks (NRENs), with DANTE as its coordinating partner. GÉANT is co-founded by the European Commission and replaces TEN-155, which was closed down in December 2001. GÉANT's goals include providing a backbone at Gigabit speeds and advanced network services to the European research community, reaching over 3,000 research and education institutions in over 30 countries.

GÉANT connects two 2.5 Gbps circuits between Europe and North America; through one of these, GÉANT peers directly with the Abilene backbone via New York City (NYC). GÉANT also participates in Abilene's ITN (International Transit Network) service, which will allow GEANT and its participants to also peer with the vBNS and other Abilene peers outside the U.S. DANTE and many of the European NRENs that participate in GÉANT are Internet2 MoU partners. For more information see: <http://www.dante.net/geant/>

+ SURFnet Brings Up New 2.5 Gbps Connection to StarLight

SURFnet, the organization that operates the Dutch national research network - currently SURFnet5 - has put in a 2.5 Gbps connection between its Netherlight project in Amsterdam and Starlight in Chicago. The connection adds to two 622 Mbps connections SURFnet already has in place to StarLight for purposes of peering with Abilene and other national research networks there. The 2.5 Gbps connection will be used for experimenting with emerging optical networking technologies by emulating the existence of multiple wavelengths. In addition to the SURFnet5-Abilene peering already in place at StarLight, SURFnet, StarLight, and Internet2 are coordinating plans to exploit SURFnet's 2.5 Gbps connection in upcoming optical networking experiments. SURFnet: <http://www.surfnet.nl> StarLight: <http://www.startap.net/starlight>

>> Applications Update

+ Performance Archive and Retrieval Working Group

Internet2 and the Coalition for Networked Information (CNI) are co-sponsoring a working group designed to propose standards and best practices for documenting, archiving, and retrieving the recordings of performances such as live theatre, musical compositions, dance etc. One key component of the working group will be addressing dissertations that result in these performances. If you are interested in joining the working group, please contact Ann Doyle at <adoyle@internet2.edu>.
<http://apps.internet2.edu/html/perfarchiveretrievalwg.html>

+ New Internet2 Publication Describes Biosciences Applications

Health sciences network applications in the biosciences are pushing the boundaries of collaboration, data storage, sharing, access, and integration of scientific instrumentation with advanced tools such as the Access Grid and high-definition TV (HDTV). A new Internet2 publication that highlights high-performance networking applications in the Biosciences arena is now available. This color publication features four biosciences applications: Biomedical Informatics Research Network (BIRN), the NPACI Telescience Alpha Project, Scientific Collaboration at Johnson & Johnson using the Access Grid, and Digital Brain Atlases (UCLA). To request copies of Internet2 publications, send e-mail to <publications@internet2.edu>. <http://www.internet2.edu/resources/infosheetbioscience.pdf>

>> Middleware Update

+ Campus Architectural Middleware Planning (CAMP)

The meeting of campus IT architects, called CAMP was held last weekend in Tempe, AZ. An initial demonstration of the basic Shibboleth code was successfully conducted at the meeting. Presentations will be archived and available at <http://middleware.internet2.edu/>

+ VidMid VC

The Video Conferencing Working Group has spawned three short-term groups who will work in parallel over the next six to eight weeks. The focus of the first group is to develop flows for Authentication and Authorization; the second group will develop Directory Object Classes to support video conferencing. The third group is working on interrealm resource discovery. If you are interested in participating in one of the groups contact Steve Olshansky <steveo@luminagroup.com>

+ National Science Foundation Middleware Initiative (NMI)

The EDIT consortium (Enterprise and Desktop Integration Technologies) consisting of Internet2, EDUCAUSE, and SURA recently launched an informational website: <http://www.nmi-edit.org/>

A meeting of NSF and NMI grant co-awardees, EDIT and GRIDS Center, will be held in Tempe, AZ on February 5 and 6, 2002. A Call for Proposals for institutions interested in serving as test beds for NMI Release 1 components has been released and can be found on the new EDIT website at <http://www.nmi-edit.org/> and on the NSF NMI website at <http://www.nsf-middleware.org/>

+ Directories

The Internet2 MACE-Dir working group, also under the auspices of the NMI, has released a public discussion draft of a working document entitled "Practices in Directory Groups". Readers are encouraged to provide detailed feedback, <http://middleware.internet2.edu/dir/groups/draft-internet2-mace-dir-groups-best-practices-01.html>

Conference calls among people at campuses, that have deployed enterprise directories, were held in December to discuss meta directory issues. The information may be of interest to institutions that are considering an enterprise directory. The calls have been transcribed and can be found at <http://middleware.internet2.edu/dir/metadirectories/>

>> End-to-End Performance Initiative (E2Epi)

The recently concluded E2Epi Measurement Workshop brought together those involved in E2E performance measurement efforts to learn what others are doing in this area, and to see if general

coordination could be leveraged to accomplish more than the individual efforts. Other discussions included working on a definition for Common Performance Data Sets so that it can be implemented by all measurement projects to create a shared common infrastructure among multiple projects. We will continue to publish documents, links, and other information from the Workshop so please check the following links for updates:

http://www.internet2.edu/e2epi/workshop01_agenda.shtml (agenda)

http://www.internet2.edu/e2epi/workshop01_attendees.shtml (participants and reference material)

<http://www.internet2.edu/e2epi/survey01/TempeSurvey.htm> (pre-Workshop survey)

+ Call for Participation: Your Stories

E2Epi is issuing a Call for Participation (CFP) to its members, asking them to propose compelling best current practices to allow end users and support staff to resolve performance problems routinely and consistently. For further information and guidelines, please see the E2Epi Call for Participation:

http://www.internet2.edu/e2epi/cfp_01.shtml.

The E2Epi is seeking an Engineering Consultant. The consultant will coordinate with faculty, developer groups, network administrators and network operations personnel to identify best practices, coordinate measurement infrastructure, and identify/solve performance problems. To view the complete job description, please see: <http://www.ucaid.edu/ucaid/html/initiatives.html>

>> Future Events

+ Spring 2002 Member Meeting - Call for Proposals

Work is under way to plan the Spring 2002 Internet2 Member Meeting, May 6-8, in Arlington, VA. On Monday, February 11, a Call for Session Proposals will be sent out, which will provide some guidance in terms of areas of focus for the meeting as well as details on the submission process. Sessions planned for the Fall 2001 Member Meeting in Austin that were not included in the Virtual Internet2 Member Meeting will be given special consideration. If you have questions, contact Laurie Burns <lburns@internet2.edu>.

The Spring 2002 Member Meeting will be held at the Crystal Gateway Marriott in Arlington, Virginia. Further details will be available in the upcoming months on the Internet2 website.

http://www.internet2.edu/activities/html/spring_02.html

+ Boulder, Colorado Site for July 2002 Joint Techs Workshop

The July Joint Techs Workshop will be hosted by NCAR/NIST/NOAA in Boulder, CO from 28 July through 1 August. Tutorials will be presented on Sunday afternoon. Plenary and BoFs will be held all day Monday and Tuesday, and on Wednesday morning, and in-depth sessions will be held on Wednesday afternoon and Thursday morning. For further information see:

<http://www.ncne.nlanr.net/training/techs/2002/0728/boulder.html>

+ Fall 2002 Internet2 Member Meeting (Hold the Date!)

Los Angeles will be the site of the Fall 2002 Internet2 Member Meeting. The meeting is presently scheduled for October 28-30. Details of the meeting will be announced on the Internet2 website as they become available http://www.internet2.edu/activities/html/fall_02.html.

>> New Members

+ Corporate Members

- Prous Science, S.A.

+ Regular Members

- University at Albany, State University of New York

>> Internet2 Days

Hold an Internet2 Day for your Internet2 member organization. Technical support for live demonstrations and informational materials are available. For more information see:

http://apps.internet2.edu/html/internet2_days.html or contact Marianne Smith <melser@internet2.edu>.

+ 1 March 2002

Wayne State University

>> **Showcase Opportunities**

The weekly showcase on the front page of the Internet2 Web site highlights new and exciting developments in the Internet2 community. We welcome your input! It serves our membership as a great PR tool, so please take advantage of it and let our members know what's going on in your areas! Include a brief description (less than 100 words), all appropriate links and images, and contact information. If you have suggestions about projects or news that might be featured, please contact Adam Csillag <acsillag@internet2.edu>.

>> **Internet2 Related Events**

+ **Online Calendar**

For a complete listing of events for and of interest to the Internet2 community, see the online Internet2 Calendar. Be sure the Internet2-related event you are holding or know about is listed at:

<http://www.internet2.edu/calendar/main.php>

NERCOMP

17-19 March 2002

Worcester, MA

<http://www.educause.edu/nercomp/2002/>

Passive & Active Measurement: PAM 2002

25-26 March 2002

Fort Collins, CO

<http://www.labs.agilent.com/pam2002>

20th NORDUnet Networking Conference

15-17 April 2002

Copenhagen, Denmark

<http://www.nordu.net/nordunet2002>

Great Plains Network (GPN) Spring Meeting

18-19 April 2002

Sioux Falls, SD

<http://www.greatplains.net/>

+ TERENA Networking Conference 2002

3-6 June 2002

Limerick, Ireland

Summaries and final papers due: 29 March 2002

<http://www.terena.nl/tnc2002/>

>> **Internet2 Employment Opportunities**

<http://www.internet2.edu/ucaid/html/opportunities.html>

>> Do you have a news item or event you'd like the Internet2 community to know about? Send a brief description and pointers to any information on the Web to Lee Perlis <lperlis@internet2.edu>

>> To add a name to this list please send an email with the name of the list and the names and addresses of people to be added to: <membership@internet2.edu>