Technology News   May 2005

Internet2 Meeting May 1-4

742 members heard the new Director of the National Science Foundation, **Dr. Arden L. Bement, Jr.**, emphasize standardization, security, planning, innovation, and collaboration as the keys to success.

Internet2-GEANT2 provided tools useful in load monitoring, failover, and balancing. http://events.internet2.edu/2005/spring-mm/sessionDetails.cfm?session=2018&event=229. **Conference XP** group has used their technology in two cases for distributed learning over Internet2. http://events.internet2.edu/2005/spring-mm/sessionDetails.cfm?session=1950&event=229. **Grouper/Signet** discussed API, and how to map login ID to subject ID for permanent authentication. http://events.internet2.edu/2005/spring-mm/sessionDetails.cfm?session=1946&event=229. **NetAuth/FWNA** is working on Federation-wide network authentication, eliminating the "guest ID." http://events.internet2.edu/2005/spring-mm/sessionDetails.cfm?session=2040&event=229. The **University of Indiana, ImageMatters** and **Open Geospacial Consortium** provided data for disasters, and/or support for recovery operations. http://events.internet2.edu/2005/spring-mm/sessionDetails.cfm?session=1956&event=229. The **Quilt,** 20 non-profit advanced regional network groups, summarized their optical networking projects, testing and test kits, and RON fiber builds. **Educause and Verisign** expect to sign a contract this summer for digital certificates and managed PKI. **Land Speed Awards**: The IPv4 team surpassed single and multi-stream records by 66,000 and 30,000 Tb-m/s, respectively. The IPv6 team's record of 72,225 Tb-m/s nearly doubled the previous mark.

CENIC

NPS is working to establish full membership in **CENIC,** the **Corporation for Education Network Initiatives** in California. Membership will provide connectivity to the **CENIC** network in California, **CalREN-2**, the **California Research and Education Network,** which also provides further connectivity to Abilene (Internet2 advanced network) and LambdaRail (experimental network infrastructure).

Citrix Access to be Replaced With a VPN Capability!

Those using a Citrix desktop (Ducktail) capability will be transitioned to a more secure remote access method, the Virtual Private Network (VPN), which is currently available for use. To request access, go to: (https://www.nps.navy.mil/ITACS/SoftwareLib/Auth/Lib/authVPN/). Select the type of VPN that is right for your operating system. Once you have requested VPN access, you will receive an e-mail with complete instructions regarding setup and use.

Monterey Hosts NHEITC

The Navy Higher Education IT Consortium will hold its second annual meeting in Monterey from June 13-16. Admirals Dunne and Rempt (Superintendent of the U.S. Naval Academy) will address the group, which will include CIOs and senior managers from each of the three Navy higher education institutions (NPS, USNA, and Naval War College). Visits to Silicon Valley industry sites are also scheduled.

ITACS coordinated an all-day visit on May 17 for **Jim Knox,** Director of Knowledge Management for the Navy CIO's office. Mr. Knox met with **Dr. Christine Cermak**, faculty members, and administrators.

Streaming Media Technology was launched on May 1. To date, 27 faculty members are using the technology in 35 classes weekly. View the link at: http://nps.webcastinabox.com/portal/

Dr. Christine Cermak spoke at Tarpy's restaurant on May 20th to a local CIO group from **DLI, MIIS, CSUMB, MBARI**, and **Taygeta**. The topic was NPS and its IT environment.

The **IT Task Force** reviewed and approved:

VPN policy: http://intranet.nps.navy.mil/Code05/New05/ITPolicy/205-VPN%20PolicyV3.pdf.

ITACS Code of Ethics: http://intranet.nps.navy.mil/Code05/New05/Documents/ITACSEthics.pdf.

Web Operations policy: http://intranet.nps.navy.mil/Code05/New05/ITPolicy/1301-WebOperationsServiceAgreement.pdf.