6DISS

Newsletter in SEE

Issue No 2
January 2006

In this newsletter:

6DISS Workshop in South Eastern Europe
3-4 March, 2006

The 6DISS workshop in SE Europe will take place on 3-4 March 2006 in Kopaonik (Serbia & Montenegro). For two consecutive days, IPv6 experts from 6DISS project will give technical presentations on new technologies such as IPv6 transitions mechanisms, routing protocols, and applications. In addition to the theoretical sessions, hands-on training will be given at the local PC lab. Participants will be asked to complete simple technical exercises and create a small IPv6-enable network, and use some of the available applications. After the end of the training, participants should be able to build an IPv6 testbed on their own in parallel to their IPv4 production network and connect it with an IPv6 upstream provider.

The participants in the workshop should be people operating networks or developing applications and should have good understanding of the IPv4 protocols and technologies. Prior knowledge to IPv6 is not a strict requirement but it is highly recommended for each participant to follow the 6DISS e-learning module (http://www.6diss.org/e-learning).

The 6DISS workshop will be followed by the 1st SEE IPv6 workshop and the YUINFO2006 event, the annual national informatics symposium in Serbia & Montenegro. Please visit the web site http:// www.6diss.org for further logistic details and seek for participant sponsorship.

SEE IPv6 Workshop: Exploring the experiences in Research Networking
March 5th, 2006

In the same conference complex with the 6DISS Workshop, the SEE IPv6 workshop will take place on March 5th . The workshop is organized in cooperation with local academic researchers and aims to give the opportunity to exchange experiences and best practices from testing and deploying IPv6 technology in research & commercial networks. Researchers are invited to submit technical papers (4-6 pages) in topics relevant, but are not restricted to, the following areas:

- IPv6 Transition Mechanisms
- IPv6 and Security Issues
- IPv6 Unicast / Multicast Protocols
- IPv6 Mobility
- IPv6 QoS and Performance Measurements
- IPv6 Management & Monitoring Tools
- IPv6 and Advanced Applications

The SEE IPv6 Workshop is organized by the 6DISS and supported by the SEEREN2 and SEE-GRID projects. For further information please visit the 6DISS (http:// www.6diss.org) and the SEEREN2 (http://www.seeren.org) websites

Partners: Martel Consulting, Alcatel CIT , Cisco Systems International BV, Fundação para a Computação Científica Nacional, Greek Research & Technology Network, Hungarian Research & Education Network, Réseau National de Telecommunication pour la Technologie, l'Enseignement et la Recherche, Trans-European Research and Education Networking Association, University College London, University of Southampton

6DISS e-learning material
http://www.6diss.org/e-learning

The 6DISS interactive e-learning multimedia application is accessed over the WWW. It aims to explain in simple wording the basic concepts and new features of IPv6 technology. The e-learning package uses a combination of animations, voice-over text, and interactions to present IPv6 technology and guides users to the appropriate reference material, e.g. 6NET cookbooks, if more information is needed.

The total duration of the e-learning voice over text is about 75 minutes. However, a typical user will complete all the sessions of the e-learning package in approximately two hours, depending upon the background of the user. The technical level of the e-learning material assumes that participants have a networking background and a good basic understanding of TCP/IP concepts such as: IPv4 addressing, routing protocols, access lists, NAT, etc. Also, the typical profile of a target e-student is that of a network administrator, experienced in setting up an IP network environment. The approach within most of the e-learning modules is to compare the important aspects of IPv6 with those of IPv4.

In addition, tests are incorporated to assess whether a user has understood the lessons given and gauge his/her suitability to attend the more advance technical workshops.

The 6DISS e-learning package aims to introduce IPv6 to a large technical audience, much wider from the 6DISS target areas. The e-learning multimedia application has the advantage that anyone connected to the Internet and able to access the 6DISS website has the possibility to use the 6DISS IPv6 e-learning package. The material will be actively promoted in the 6DISS target countries, but interested audiences anywhere in the world will be able to benefit from the e-learning course. Also, the e-learning package will serve as a teaser and preparation for 6DISS Workshop participants.

The 6DISS on-line IPv6 e-learning package complements all of the other dissemination activities within the project which are, among others, the various technical workshops, the training of trainers and the Tiger team.

"The 6DISS interactive e-learning multimedia application aims to explain in simple wording the basic concepts and new features of IPv6 technology."

AfriNIC IPv6 workshop
http://www.afrinic.net/meeting/afrinic-3

The Egyptian IPv6 Task Force (E-IPv6) in cooperation with AfriNIC and the IPv6 Forum successfully organized an African IPv6 event on 12 & 13 December. The first day was dedicated for a hands-on training, while presentations and discussions regarding the latest developments in the IPv6 arena took place on the second day.

The IPv6 workshop offered a theoretical and practical introduction to the basics of IPv6 technology. Participants were given practical instruction on: 1) Installing IPv6 on different platforms, 2) Apply transition mechanisms, such as Tunnelling, 3) Perform some basic monitoring and troubleshooting of local IPv6 network, 4) Used IPv6-enabled applications and 5) Basic IPv6 configuration of routers and intra- / inter-domain routing protocols

AfriNIC is the fifth Regional Internet Registry serving Africa and the Indian Ocean regions. The Egyptian IPv6 Task Force is a non-profit-activity created by a group of experts representing the government, industry as well as universities and research institutes, and aiming to develop a smooth migration plan to IPv6 for the national networking infrastructure.

Forthcoming events

- 12-20 Jan '06   SANOG VII   Mumbai, India
- 22-26 Jan '06   21st APAN Meeting   Tokyo, Japan

Check on 6diss calendar: http://www.6diss.org/calendar