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Abstract	This deliverable provides a short summary of recent news from the IPv6 IST community and beyond.
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IPv6 Newsletter

August 2002 - Issue 3



This newsletter provides news and announcements from the IPv6-related projects and activities organised in the IST (Information Society Technologies) research programme of the European Commission. To hear more news about IPv6 developments within the IST programme and beyond, join the IST IPv6 Cluster! This is a free, public service. For joining instructions, please see [our website](#). We would also greatly appreciate your [feedback](#).

LATEST IST PROGRAMME NEWS

Towards Framework Programme Six

The total number of complete EoIs received by the deadline of 7 June 2002 is close to 11,500, after the removal of duplicates. Each of the Thematic Priorities has now completed its analysis. Reports are being drafted for publication in September. See [here](#) for more details.

A workshop for research managers and administrators who already have some knowledge of the EU's Framework programmes will take place on 6 September in Cambridge, UK. The event will focus on IST in the Sixth Framework programme and will also cover the programme's new funding instruments, including Integrated Projects and Networks of Excellence. Details are [here](#).

From 11 to 13 November 2002 the European Commission will hold a major conference in Brussels to mark the launch of the EU's Sixth Framework Programme for research, which will cover the period from 2002 to 2006. More information is available from their [website](#).

OTHER NEWS

IPv6 world records

Two 'world records' were achieved with IPv6 in recent weeks, with the support of the Euro6IX project. On August 3rd, a link over 70 Km. long was established between dual stack routers in Gran Canaria and Tenerife, under the frame of the [FICIT project](#). In the following week, more than 1200 computers were configured and tested with IPv6 in the [Valencia 2002 Campus Party](#). For this event, UPM, TID and Consulintel were working in the frame of the LONG and Euro6IX projects in order to provide the network, training and several demonstrations about new IPv6 advanced services and applications to over 3000 people.

VoIP over IPv6 available from Telscom

A Voice over IPv6 application has long been sought after by IPv6 network researchers. Due to the lack of Java support for IPv6, such an application has not been available until now. The Swiss company Telscom has successfully developed and tested a VoIPv6 application based on the Session Initiated Protocol. The application has been tested using Linux systems for both fixed and Mobile IPv6 networks. Telscom is making the documentation and the application software available to research groups free of charge.

Interested persons may contact Dr. Rao (rao@telscom.ch). The development work was partly financed by the Swiss Government.

Internet-2 has an IPv6 research network

Internet2 has announced that the nationwide Abilene backbone network now offers native next generation Internet Protocol (IPv6) service. This deployment makes high-performance IPv6 service available to over 200 Internet2 member institutions and thousands of other research and education institutions across the United States that have access to Abilene. More details [here](#).

IST IPv6 CLUSTER MEETINGS

The IST IPv6 Cluster met on 24th July in Brussels, Belgium, for a full day of discussion, interaction and some presentations. New IPv6-related projects were presented and discussed and project representatives gave updates on existing projects. Much of the meeting focussed on discussing what are the most useful activities the Cluster could undertake to support and enhance the work of the IST projects, and several possible initiatives were identified. The minutes for the meeting are available [here](#).

The IPv6 Cluster has organized an IPv6 session at the IST2002 event on November 6, at 11:00, see the [agenda](#).

The next IPv6 Cluster meeting will be organized in Brussels, 11-14 November 2002, as part of the [European Research 2002](#) event. This event is a major conference to mark the launch of the EU's Sixth Framework Programme for research, which will cover the period from 2002 to 2006. The theme of our meeting will be "IPv6 in FP6 and the near Future". Further information about this IPv6 Cluster meeting, including the complete agenda, will be available soon on the [IPv6 Cluster web site](#).

The All-IPv6-World workshop was organized last June 14th as part of the IPv6 Cluster activities, towards the identification of IPv6 research and development areas not properly covered in FP5, that could lead into specific activities in FP6. The meeting was very successful and the participants are working together in a specific mail exploder. This group will meet again in Brussels on October 1st. If you want to participate, contact Jordi Palet (jordi.palet@consulintel.es), as you need to provide a contribution in advance. The dead line is 20th September.

IPv6 PROJECT NEWS

Euro6IX has received from the 6Bone registry an allocation of pTLA 3FFE:4011::/32. In addition, the Euro6IX project has requested a pTLA for Internet Exchange experimentation.

6NET is running native IPv6 to 9 PoPs at 155Mbit/s using IS-IS for the IGP. It has also produced several public reports, e.g. on wireless LAN and IPv6 transition, available from the [web site](#).

The 6POWER project started in July. The [web site](#) is already available (IPv6 and IPv4), with plenty of information relevant to the project, including the first public deliverables.

6QM and IPv6 TF-SC will start next September. Soon the web sites will be available.

Eurov6 started in July. The [website](#) is available now.

NEW DOCUMENTS AVAILABLE

IPv6 activities of the Systems beyond 3G cluster

The "Systems Beyond 3G" cluster has distributed an IPv6 paper titled "IPv6 activities of the Systems beyond 3G cluster" for review. The paper is available [here](#).

IPv6 STANDARDISATION

The second IPv6 Technology Standardisation Report is available from the [IST IPv6 Cluster website](#). This report analyses the status of IPv6 standardisation as of August 2002 and highlights the key issues in various technology areas. The report includes developments in IETF, 3GPP and the RIRs. The next update will be available in December.

CONFERENCES AND WORKSHOPS

Several participants of IST projects attended the most recent IETF meeting in Yokohama (preliminary proceedings available [here](#)). Important IPv6-related decisions were made, but perhaps the most relevant observation was made by Randy Bush (one of the Operations and Management Area Directors) during the plenary session, "IPv6 isn't the future of the Internet, it's the present," he said. The plenary included a panel debate about 'Development and Deployment Experiences with IPv6'. The presentations are available [here](#). The ngtrans WG is being wound up and a new working group, v6ops, has been established. The v6ops charter is available [here](#).

The other important outcome, from the 6bone meeting, is the proposal to return the 6bone 3FFF::/16 address space to the RIR's (Regional Internet Registries), APNIC, ARIN and RIPE. Bob Fink has prepared a proposal that is under discussion on the [6Bone mail exploder](#). More information is available [here](#).

Finally, the IX WG meeting was held also in Yokohama, with interesting inputs from all the continents. Information is available [here](#).

The last IPv6 Summit in Seoul was a very successful event, with the presence of several IST project participants as speakers. See the presentations [here](#).

FORTHCOMING EVENTS

Upcoming IPv6-related meetings include:

- The 1st meeting of the IPv6 Task Force (2nd Phase) is expected on September 12th. Additional information will be posted at on the [website](#).
- The 3rd IPv6 Plugtest is being organised by ETSI and other organizations for September 23-27th. The information is available [here](#).
- The Spanish IPv6 Task Force will meet again on September 30th, after a very successful meeting on May 16th. The information will be posted [here](#).
- A new workshop towards IPv6 in FP6 will be organized on October 1st.
- EURESCOM is organising the 2002 Summit, at Heidelberg, Germany, 21-24 October. Several IPv6 projects will present updates, including Euro6IX and MIND, among others.

- An IPv6 Conference will be held in Paris 28-30 October. It is entitled "Where are we with IPv6?". More information [here](#).
- IST 2002 will be held in Copenhagen on 4-6th November 2002. This will be the last big event of IST during this year, and IPv6 will be one of the major issues. The IPv6 Cluster has organized a booth to accommodate several IPv6-related projects, including 6NET, 6POWER, 6WINIT, Android, Euro6IX, and LONG, among others. All the IPv6-related projects will cooperate in order to edit a special brochure with information about all their IPv6-related activities. The IPv6 Cluster is also working to ensure the proper IPv6 connectivity (fixed and wireless) is available throughout the conference venue.
- [Network + Interop](#) event will be held 6-8 November 2002. The IPv6 pavillion is one of the main attractions. Projects and companies involved in IPv6 should use this opportunity for demonstrating their latest results. Contact: Patrick.cocquet@6wind.com.
- The IST project [MobyDick](#) will organise a summit on IPv6 and Mobility in Madrid, on 14th November.
- The [55th IETF](#) meeting will take place in Atlanta, 17-21 November 2002.
- ETSI and Upper Side announced two major IPv6 events which will be held in parallel at Paris and Cannes-France on 19-23 November. In Cannes, ETSI will organise the 2nd IPv6 interoperability event. Details and registration are available [here](#). Upper Side will organise the 'Deploying IPv6' conference, endorsed by the IPv6 Forum, in Paris from 20th to 23rd November. Details and registration are available [here](#).
- Eurecom, Hitachi and Motorola are organizing in Nice, November 28-29th, the 6th edition of a yearly Symposium "Mobile Communication for Everyone - Anytime, Anywhere, Anybody" with the participation of an IPv6 keynote. Information available from [here](#).
- The next Madrid IPv6 Summit is being organized between 12-14th of May 2003. Clear your diary for a major IPv6 event! The information will soon be made available [here](#).

FOR MORE REGULAR IPv6 UPDATES, PLEASE

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