



IST-2001-34056

Deliverable D4.3.2

"IPv6 Newsletter II"

Contractual date of delivery to the European Commission:	June 2002
Actual date of delivery to the European Commission	July 2002
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Participant(s)	6LINK partners
Workpackage	WP4
Title of Deliverable	IPv6 Newsletter II
Security	Pub
Deliverable Type	Website & Document
Version	Issue 1
Number of pages	6

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



IPv6 Newsletter

June 2002 - Issue 2



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

A call for Expressions of Interest (EoI) was organised by the EC. About 3000 EoIs have been submitted that cover the area of Information Society Technologies and Research Networks. The overwhelming number of EoIs was not anticipated by the EC and could cause some delay in the further implementation of the programme. Only 10% of the EoIs included real Integrated Projects (IPs). Nevertheless, the area of IPv6 is well addressed and is seen as a glue for most technologies in FP6. It has been announced that the Work Programme 2003 will be finalised in September 2002 taking into account content and programme management proposals from the EoIs. The first Call for Proposals is foreseen for December 2002. It is likely that a large number of Targeted Research Projects (projects with the same project management and size as in FP5) and a very limited number of Integrated Projects will be accepted. The instrument of Integrated Projects will be under review in the coming years. The budget for IPs is still not fixed but it will be below 50% in the beginning. Please have a look at [this page](#) for details.

NEW IPv6 PROJECTS

This issue of the IPv6 Newsletter introduces the latest IST IPv6 projects which will become operational soon.

6POWER

The main goal of the 6POWER (IPv6, QoS & Power Line Integration) project is to contribute to ensure affordable broadband access and the deployment of IPv6 in Europe. The project will research the native support and deployment of IPv6, QoS and other advanced services over Power Line Communication networks, starting with speeds of 45 Mbps.

Eurov6

Eurov6 (The European IPv6 Showcase) will show the usage of IPv6 products and services and their impact to anyone at anytime. The project brings together vendors as sponsors to test and demonstrate their devices and systems, showing various users applications based on IPv6 products and services, permanently at a few locations in Europe ("fixed Showcase"), which can be visited physically or accessed remotely through telematic means, and organising temporary demonstrations at different locations and/or significant events like Interop (concept of "nomadic Showcase").

IPv6TF-SC

IPv6TF-SC (IPv6 Task Force Steering Committee) will facilitate, support and co-ordinate the continuation of the work of the IPv6 Task Force, with the renewed mandate of a 2nd phase, with the means of a Steering Committee, consisting of IPv6 experienced Experts. This will facilitate the successful introduction of IPv6 in Europe and consequently, the rest of the world.

6QM

6QM (IPv6 QoS Measurement) will start on September 1st. The project will develop a comprehensive approach towards IPv6 QoS measurement. This includes the development of a measurement device and server for IPv6.

IST IPv6 CLUSTER MEETINGS

The IST IPv6 Cluster held an open IPv6 workshop on June 14th in Brussels. A pre-requisite was to contribute new ideas about what IPv6-related R&D work is currently missing. The workshop attracted the attention of over 60 organisations from Europe and others from the US, India, Russia, Japan and China, with very interesting contributions and a very profitable full day of debate.

The next IPv6 Cluster meeting will be held on July 24th in Brussels. Detailed information will be made available at the [IPv6 Cluster website](#).

IPv6 PROJECT NEWS

IPv6 Taskforce (2nd Phase)

The European Commission initiated an IPv6 Task Force (1st Phase) driven by major European and worldwide players. The goal was to develop a comprehensive action plan by the end of 2001 aiming to ensure the timely availability of IPv6. The conclusions and recommendations of this Task Force were submitted to the European Council Barcelona Spring meeting in 2002. As a consequence of this report a series of recommendations pertaining to the implementation of IPv6 by all relevant ICT sectors were proposed by the Commission. The Heads of State resolution was to prioritise the widespread availability and use of broadband networks throughout the Union by 2005 and the deployment of the New Internet Protocol IPv6. One main achievement was the Communication "Next Generation Internet-priorities for action in migrating to the new Internet protocol IPv6" from the Commission to the Council and the European Parliament. As a complementary action, the European Commission renewed the mandate of the "IPv6 Task Force" as a platform for debate on critical issues concerning the deployment of IPv6. This 2nd Phase is supported by the IPv6TF-SC, that will co-operate with similar initiatives across the world. Some have been set up, e.g. North America Task Force, Asia Pacific Task Force and Spanish Task Force.

NEW DOCUMENTS AVAILABLE

IPv6 in the home makes sense

Home networks today are predominantly comprised of PCs running IPv4, perhaps behind a home gateway. There is, however, a trend away from the PC-only household towards a much richer set of devices and applications involving entertainment media, conferencing, and command & control that will see the rise of significantly more complex home networking scenarios. See [this ISOC briefing](#) for more details.

Alcatel White Paper

Alcatel has distributed a whitepaper on ["The Move to IPv6"](#).

IPv6 STANDARDISATION

Details of all IPv6-related standards activity since the last IPv6 Newsletter are available [here](#).

CONFERENCES AND WORKSHOPS

The 6NET and Euro6IX projects organised a joint workshop co-located with the TERENA Networking Conference on Wednesday 5 June. The workshop was very well attended and highly successful. The presentations are available [here](#).

IPv6 was a major theme of the ISOC organised INET2002 Conference. See [IPv6 Technology Deployment Summit](#) for details. The 6WINIT project made a very successful live demonstration of IPv6 healthcare, security and location-aware applications utilising IPv6 networks across Europe and the US.

The Euro6IX network architecture was presented by Raffaele D'Albenzio (TILAB) at the [RIPE-42 meeting](#) (29/04/2002).

6NET and Euro6IX were presented by Tim Chown (UoS) at the [Internet 2 Members Meeting](#) (05/05/2002).

Euro6IX was presented by Jordi Palet (Consulintel) at the [Global IPv6 Summit in China & China IPv6 Workshop 2002](#) (09/05/2002), and the [Russia IPv6 Summit](#) (21/05/2002).



During INET2002, Vint Cerf was presented with a couple of bottles of Spanish wine by Jordi Palet of the Spanish IPv6 Forum organization, to thank him for his continuous support. Vint expressed a wish to see new developments with IPv6 and wine research to bring about an IPv6-enabled cork, using MIPv6, that would allow remote sensing of wine location, temperature, humidity, bottle position and so on.

FORTHCOMING EVENTS

Upcoming IPv6-related meetings include:

[Global IPv6 Summit in South Korea](#), Seoul, 11-12 July, 2002.

The 1st meeting of the IPv6 Task Force (2nd Phase) is expected on September 12th. Additional information will be posted [here](#).

The Spanish IPv6 Task Force will meet again on September 30th, after a very successful meeting on May 16th. Further information will be posted [here](#).

A new workshop focussed on IPv6 in FP6 will be organised on October 1st.

An IPv6 Conference will be held in Paris, 28-30 October. It's entitled "Where are we with IPv6 ?". More information [here](#).

ETSI and Upper Side announced two major IPv6 events which will be held in parallel at Paris and Cannes, France on 19-23 November. ETSI will be running the 2nd IPv6 interoperability event in Cannes. Details and registration are available [here](#). Upper Side will organize the 'Deploying IPv6' conference, endorsed by the IPv6 Forum, in Paris from 20 to 23rd November. Details and registration are available [here](#).

IST 2002 will be held in Copenhagen on 4-6 November 2002. This will be the last big event of the IST programme and IPv6 will be one of the major themes. Arrangements are being made for all IPv6-related projects to have their own shared booth in the exhibition. The IPv6 Cluster will have a workshop during this event.

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. Details are [here](#).

The [54th IETF](#) will be in Yokohama, Japan on 14-19 July.

The [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.

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