



IST-2001-34056

Deliverable D4.3.1

"IPv6 Newsletter"

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| Contractual date of delivery to the European Commission: | April 2002 |
| Actual date of delivery to the European Commission | May 2002 |
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| Participant(s) | BT, Telscom, T-Systems, UoS, Consulintel |
| Workpackage | WP4 |
| Title of Deliverable | 6LINK Newsletter |
| Security | Pub |
| Deliverable Type | Website & Document |
| Version | Issue 1 |
| Number of pages | 3 |

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

Keywords IPv6, IST, News



IPv6 Newsletter

April 2002 - Issue 1



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](#).

6LINK - IPv6 PROJECTS UNITE FOR MAXIMUM IMPACT AND STRATEGIC ANALYSIS

In March 2002, the European Commission launched the [6LINK](#) project to provide support for the ongoing clustering activities of IPv6-related projects in Europe.

6LINK is behind the production of this newsletter and will be organising a series of public workshops to foster knowledge-sharing and consensus-building at which participants will be able to present and discuss their views of the road ahead for IPv6. 6LINK will be

publishing annual reports on the development and deployment issues for IPv6, and will also seek to co-ordinate and disseminate IPv6 standards development within Europe. For further information about the project, partners, workshops and publications, please contact Mat Ford directly (matthew.ford@bt.com).

LATEST IST PROGRAMME NEWS

Towards Framework Programme Six

Planning of IPv6 projects is underway for Framework Programme 6. Working documents on [Integrated Projects](#) and [Networks of Excellence](#) are being widely circulated in order to generate an open discussion on their implementation in the 6th FP. Those interested are invited to submit [expressions of interest](#) to participate in

research actions for topics that could be the subject of proposals for the two new instruments (IPs and NoEs).

A workshop will be organised on 14 May in Brussels to present the instruments and to allow participants to express their ideas concerning IPs and NoEs. Please see [this page](#) for details.

IPv6 PROJECT NEWS

6NET Takes off

Orders for the international connectivity for the first-phase core of the [6NET](#) network (a minimum of 8 native IPv6 STM-1 links) were placed with Colt, Telia and Deutsche Telekom. Most of these links are now installed and are being brought into service. Similarly, all of the routers for the core network have been supplied and are being tested and configured at a dedicated lab at Cisco (Brussels), prior to being shipped to the sites.

3 NRENs from Newly Associated States (Poland, Czech Republic and Hungary) have applied to join the 6NET consortium, extending the reach of the 6NET IPv6 network yet further. The proposals (within the special Call for NAS organisations to join existing IST projects) were positively evaluated, and the negotiations are currently being completed.

6WINIT at INET2002

The [6WINIT](#) project will demonstrate some of the project results at INET2002. The "Live" Demo will show Mobile IPv6 Based Simultaneous Multiaccess Enabling Effective Emergency Telemedicine Solutions.

EURO6IX

Most of the [EURO6IX](#) pan-European network is now up and running. Further links will be established in the

coming weeks. All the national connectivity is established, and the links connecting Lisbon, Madrid, Paris, and London are being configured. Turin, Zurich and Berlin will be connected in June. Euro6IX will present to the China IPv6 Summit, Russia IPv6 Summit and ITU IPv6 Workshop.

IPv6-only PKI service

The Department of Information and Communications Engineering of the University of Murcia (UMU-DIIC) has released the first IPv6-only, fully supported implementation of a Public Key Infrastructure. This security service, called UMU-PKIPv6, is one of the first important results of EURP6IX IST research project. It has been written in Java. It has some basic components as a certification authority, and one, or several, registration authorities and directory servers.

This PKI is currently being tested as a basic security service for static and dynamic IPv6 VPNs, Mobile IPv6 implementations and AAAv6 frameworks. It will also be used with high-level applications coming from both projects, such as collaborative environments and video-conference applications. For more information, please visit the [project website](#).

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NEW DOCUMENTS AVAILABLE***IPv6 Standardisation Report***

The first IPv6 technology Standardisation Report is available on the [IST IPv6 Cluster website](#).

This report analyses the status of IPv6 standardisation at April 2002, including IETF, 3GPP and RIR developments. Updated reports will be available in August and December.

CONFERENCES AND WORKSHOPS

The **4th IPv6 Cluster Meeting** was held on 13 March in Madrid. The presentations of this event and the report of the meeting are available from the [IST IPv6 Cluster website](#).

The **Madrid 2002 Global IPv6 Summit** attracted a large number of participants from around the world. The report and presentations from this event are available [here](#).

[NGN-LAB](#) organised an **IPv6 workshop** on 19 March in Brussels. The presentations made at this event are available [here](#).

The **2nd TEIN/EGM** (TransEurasia Information Network/Expert Group Meeting), was held in Brussels 25-26 March. Information regarding the network and this meeting is available on the [TEIN website](#). The results are relevant for those interested in co-operative research between Asia and Europe.



Participants at the 2nd TEIN EGM

FORTHCOMING EVENTS

The [China IPv6 Summit](#) will be on 9-11 May in Beijing.

The [Russian IPv6 Summit](#) will take place 21-22 May in Yaroslavl.

The [4th Annual Global IP Summit](#) will take place in Cannes, France 28-29 May.

The [TERENA Networking Conference 2002](#) will be held in Limerick, 3-6 June. On the 5th June there will be a Euro6IX/6NET Workshop. See [here](#) for details.

[Enabling All-IP Based Mobile Networks](#) conference will take place in Stockholm, Sweden, 5-6 June.

The second phase of the [IPv6 Task Force](#) will be launched at a meeting in Brussels on 13 June. Information will soon be available from the project [website](#).

[INET2002](#) will take place on 18-21 June in Washington D.C., USA.

The [Global IPv6 Summit in Korea](#) will take place July 11-12 in Seoul.

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

[IST2002](#) conference will be held in Copenhagen during 4-6 Nov. 2002. Expression of interest for workshops and exhibits is open.

[Networkd + Interop, 2002](#) will be held 6-8 November. 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 for more information.

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