

IPv6 Cluster Update

October 1st 2003

Milan

A large blue star with yellow stars inside, set against a yellow background with a blue border. The background of the slide is a blue and white abstract design with binary code and network lines.

IPv6 Cluster

IPv6 Research and Development in Europe





IPv6 Cluster Web Portal



http://www.ist-ipv6.org

IST IPv6 Cluster

European IPv6 Research and Development Projects

Sep 29, 2003 - 11:16 AM

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Ericsson and Euro6 project demonstrate IPv6 over GPRS

Posted by: Jordi on Thursday, September 25, 2003 - 10:24 AM

In the scope of the Euro6 project, Ericsson and TeliaSonera have successfully demonstrated IPv6 services over a commercial GPRS network in an international roaming scenario.



The demonstration shows that IPv6 services can be supported in a commercial mobile infrastructure, even when roaming, using automated IP tunneling. This can be seen as a stepping-stone toward native IPv6 networks and services including peer-to-peer applications.

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IST IPv6 Newsletter

The IST IPv6 Cluster Newsletters are published periodically. [Read...](#)

IPv6 Cluster Email List

If your browser understands 'mailto' then [click here](#) to join the IPv6 Cluster mail list. Otherwise, send mail to 'mailto:ndamond@ist-ipv6.org' with 'subscribe ipv6cluster@ist-ipv6.org' in the body of the message.

Poll

Which IPv6-enabled OS do you use the most?

- Linux

(12 Reads)

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The EC IPv6 Task Force and the IPv6 Cluster organize a joint meeting

Posted by: Jordi on Monday, September 22, 2003 - 12:57 PM

The EC IPv6 Task Force and the IPv6 Cluster have organized a joint meeting, to be held coincident with the kick-off of the Italian IPv6 Task Force.



This meeting is being held in Milan the day before IST2003, on October 1st 2003.

For your confirmation, you need to [register](#).

*** NOTE: Everybody must be registered because we need to provide a list of attendees, for security reasons, so please, do not forget to register immediately!

There is a limited number of seats available, to be assigned by strict registration order.

(42 Reads)

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IPv6 Cluster project will demonstrate at IST2003

Posted by: Jordi on Monday, September 22, 2003 - 12:58 PM

The IPv6 Cluster projects will demonstrate the latest achievements at the next [IST2003](#) event.



These demonstrations have been arranged in a single [booth](#), within the Broadband and Wireless Applications Zone.

(10 Reads)

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Visual Studio.NET 2003 now with IPv6

Posted by: Jordi on Saturday, September 20, 2003 - 11:13 AM

Microsoft's flagship software development suite -- Visual Studio.NET -- has now been updated and enhanced with a new version, 2003.



This suite of software development tools targets the .NET platform. .NET is the fusion of Windows and Web-based technologies, with rich in-built support for memory management, database connectivity, and wireless and palm-held devices.

Now .NET framework supports for the emerging IPv6 protocol. IPv6 is natively handled by ASP.NET and XML Web Services.

(3 Reads)

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Status of IPv6 Support for Networking Applications

Posted by: Jordi on Saturday, September 20, 2003 - 11:12 AM

Deep Space 6, the Linux IPv6 portal, announced that the page regarding the "Current Status of IPv6 Support for Networking Applications", has been updated.



This is a very comprehensive list of all the IPv6 Ready applications.

Welcome!



Next Cluster Meeting

The next IST IPv6 Cluster Meeting will be held before IST2003 in Milan on 1st October 2003 jointly with an EC IPv6 Task Force Meeting. You must [register](#).

Other Stories

- * Ixia "buy" target price raised, thanks to IPv6! (Sep 25, 2003)
- * Ericsson and Euro6 project demonstrate IPv6 over GPRS (Sep 25, 2003)
- * Got extra horsepower in your system? (Sep 25, 2003)
- * Multi-Gigabit switches with IPv6 support (Sep 25, 2003)
- * The EC IPv6 Task Force and the IPv6 Cluster organize a joint meeting (Sep 22, 2003)
- * IPv6 Cluster project will demonstrate at IST2003 (Sep 22, 2003)
- * End of Life because IPv6.1 (Sep 22, 2003)
- * IP Infusion Announces IP Routing Suite Support Plans for Intel with IPv6 (Sep 20, 2003)
- * Teia Technologies Announces Support for Intel Network Processor with IPv6 (Sep 20, 2003)
- * Paion to Announce Availability of IPv6 enabled products (Sep 20, 2003)

An IST Cluster Site

FP6 and IPv6 Cluster

- Numerous proposals, only 1 successful IPv6-related project accepted through to negotiation
- 2nd Call - Research Networking Testbeds - expect to see more proposals with an IPv6 component here



SEINIT

- 24 month IP project
- Thales Communications SA
- Other partners
 - 6WIND, BT, T-Systems, ENST, IABG, KYOS, Telscom, Thales Research UK, UCL, University of Murcia, Waterford Institute of Technology, ISOC
- Kickoff: 01/12/03 or 01/01/04



Security for the pervasive computing world



SEINIT

- Objectives

- Design a new Security Architecture and new models of Trust to be used in the context of different environments, users and applications, with a central focus on IPv6;
- Define and integrate Security Policies to be deployed within different software components;
- Implement the security framework over different hardware and software platforms in order to create the necessary infrastructure;
- Adapt existing applications to support the security services defined and validate the proposed framework;
- Define operational guidelines that help new developers and network engineers in the deployment of new applications and services within the context of the new security platform;
- Disseminate the project results and lessons learned and train users and developers of these new trust models, security architectures and operational guidelines in order to stimulate broad deployment and commercialisation;
- Consult and support the European Security Task Force.

- **Work Packages**

- WP0 Project Management (Thales Comms)
- WP1 Design Models and Policies (ENST)
- WP2 Security Architecture (Thales Comms)
- WP3 Implementation of Components & Models (6W)
- WP4 Security Assessment Platforms (BT)
- WP5 Adaptation & Integration of Applications (UCL)
- WP6 Validation (T-Systems)
- WP7 Exploitation & Dissemination (Telscom)
- WP8 Training (Telscom)
- WP9 Review and Assessment (Thales Comms)



- **IPv6 Activities**

- Cryptographically Generated Addresses (CGA)
- Integration of transition with security mechanisms
- IPv6 routing protocol security
- DNSsec integration
- IPsec enhancements
- Mobility Security (MobileIPv6)
- Honeypot for analysing IPv6-borne attacks
- Performance analysis
- Operational guidelines
- Security for IPv6-enabled applications
- Anomaly detection systems

IST 2003 Demos



01-10-2003

IST IPv6 Cluster IX



- Thanks for your attention
- Any questions?



IPv6 Cluster
