

EUROV6

Abstract

Eurov6, the “European IPv6 Showcase” project is in line with the current policy of the European Commission, which has recognized the growing importance of IPv6 and has made it a policy to adopt IPv6 for next generation networks.

In this context, Eurov6 builds IPv6 applications and services showcases by bringing together devices and systems from vendors as sponsors. The Showcases are set up in a few permanent locations in Europe, and a “mobile” or “nomadic” version has also been developed, so that it can be easily implemented at various locations.

Objectives

The generic objective of Eurov6 is to show the usage of IPv6 products and services and their impact to anyone at anytime; realizing this objective involves:

- Bringing 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;
- Organizing temporary demonstrations at different locations and/or significant events (concept of “nomadic Showcase”).

Figure

An example of a Eurov6 « Nomadic Showcase » event.



Technical Approach

Eurov6 is developing a number of demonstration facilities or “Showcases”, both fixed and mobile, for IPv6 products, applications and services.

Testbed

Three fixed testbeds or Showcases are available in Eurov6:

- Consulintel in Madrid, Spain
- Telscom (MCLab) in Basel, Switzerland
- ULB/VUB (EuroDemo) in Brussels, Belgium

A number of mobile testbeds or « nomadic » Showcases have been realized during the course of the project, linked to various events, including:

- Zürich: Launch of the Swiss IPv6 Task Force
- Madrid: Global IPv6 Summit
- Brussels: Belgian IPv6 event and ETSI IPv6 Plugtests

Applications

ping, traceroute, vic, rat, ISABEL, DNS, DiffServ, voice over IP, home automation, streaming video, mobile IP, ...

Innovation

Eurov6 is at the forefront of the deployment of IPv6 products, applications and services in Europe, in close relation with similar activities in the US and other regions of the world, particularly in Asia (China, Japan, Korea, Taiwan, ...).

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EUROV6

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48

Website:
<http://www.eurov6.org>

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Project participants:
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TELSCOM CH
VUB B
ULB B

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Collaboration with other EC funded projects:
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6NET
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GEANT
IPv6TF-SC
NGN-LAB

IST - Research Networking - Research on Networks – IPv6