IPv6 Trials Framework
Final Report of the Working Group
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Status

Version 1.01 finished
All proposed items have been included
Results have been passed unanimously
Trials working group concluded work November 19th 01 (for now)
Main results have been adopted in final Task Force report
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Many comments from others ...
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Actions for EU Member State governments
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(Not precisely addressed in the Trials WG document, but in the final document)
Overview on recommendations
Trials working group

Recommendation - Develop roadmaps for the introduction and deployment of IPv6 services, equipment and networks. A systematic approach should be taken to analyse and identify areas that need special attention for an efficient introduction of IPv6, particularly with the help of trials. These roadmaps will help to identify missing areas for trial activities that could be catalysed by the EU, national governments and industry fora. The production of these roadmaps is essential for the timely deployment of IPv6 in Europe and beyond.

Recommendation – Publicise existing collaborative funding opportunities and projects with the aim of encouraging more IPv6 activities. The EU, European Governments and Industry fora should raise awareness in their area of influence for the upcoming infrastructure improvements towards IPv6 and the benefits to participate in trial activities from a very early point in time, to gain a competitive position in the Next Generation Internet.

= addressed in final recommendation
Recommendation – As one efficient way to pool expertise and benefit from collective test beds, it is encouraged to support the setting up of interoperability events in particular organized by a neutral organization such as those organized by ETSI and supported by the eEurope initiative. These events are an opportunity for engineers from competing organizations to meet together in a commercially secure environment, to share experiences and improve interoperability between their implementations.

Recommendation – It is recommended to perform trials that show the benefits of IP security in IPv6. One of the main hurdles of widely used IP security is the lack of a functional Public Key Infrastructure (PKI). It is therefore recommended to the EU, European Governments and Industry to start trials with IP security in IPv6 and the parallel implementation of a PKI.

= addressed in final recommendation
Recommendation - To stimulate the involvement of commercial organisations in the network trials area, the EU, the national governments and industrial institutions should investigate and support new ways to facilitate network trials, like increasing funding levels in projects with high network requirements, and support for smooth transitions from successful pre-commercial trials to full commercial operations. Particularly Small and Medium Enterprises (SME) should be encouraged to step in the IPv6 area by actively participating in trials to support their transition towards IPv6.

Recommendation – A special effort should be taken by the EU, national governments and industry to simplify the transition from IPv4 to IPv6 as much as possible, so transition cost, time and know-how should be minimal for regular users, which will, in turn, accelerate the transition from IPv4 to IPv6.

Recommendation – Instigate an initiative to trial wireless IPv6 applications and services in a Pan European University Wireless Trial.

= addressed in final recommendation

Overview on recommendations
Trials working group
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- **Recommendation** – Investigate the adoption of facilities to encourage the research, development and trialling of VoIPv6. In view of wider deployment of VoIP by 2005, European telecom vendors are encouraged to develop dual stack SIP phones by 2003 and perform related trials.

- **Recommendation** – Establish a co-ordination body to oversee the IPv6 trials framework.

- **Recommendation** – Investigate ways to establish rapidly projects to address standards related issues.

- **Recommendation** – IPv6 is a worldwide protocol and hence the early introduction of IPv6 in Europe needs to co-ordination and take account of similar initiative around the world. European trials need to link and be co-ordinated with other initiatives around the world.

= addressed in final recommendation
Finally ...

Results are looking good ...
Let us make sure our work reaches its addressees

Thanks for all contributors of the Trials Working Group!