

IPV6TF-SC

IPv6 Task Force – Steering Committee

Abstract

The idea of the project is to support the introduction of IPv6 in Europe, to liaise with European industries and Academia and with standards and Internet governance bodies on IPv6, as well as to collaborate with regional and international groups and initiatives deploying IPv6.

Objectives

The IPv6 Task Force (<http://www.ipv6tf.org>) was initiated by the European Commission with the support of key representatives from industry, academia and various consortia. Its main objective was to create recommendations in different sectors in order to foster the IPv6 deployment across Europe. In order to ensure the continuation of the Task Force work, this project, IPv6 Task Force Steering Committee (IPv6 TF-SC), has been established.

1. To perform all required actions aiming at the enhanced coordination and continuation of the work performed within the IPv6 Task Force 2nd phase. The IPv6 TF-SC will set the agenda and with the assistance of the Commission invite participation of representatives of not yet represented economic and industrial sectors likely to be impacted by IPv6, including representatives of national or regional IPv6 Councils and appropriate representatives from candidate countries.
2. The IPv6 Task Force provide a regularly updated review and plan action on the development and future perspectives of IPv6 in order to coordinate European efforts on IPv6. The IPv6 Task Force Steering Committee will monitor how the recommendations are implemented and remind those that need to take action where appropriate.
3. Create the proper working and liaison environment to ensure that a working collaboration with standards and Internet governance/policy bodies takes place.
4. Establish collaboration arrangements and working relationships with similar initiatives being launched in other world regions, industry and research.
5. Foster dissemination and awareness activities, regarding the IPv6 Task Force work, and other related efforts and initiatives, including the operation of the IPv6 Task Force and the project web sites.

One of the main goals is to discover and fill gaps arising from the practical deployment of IPv6, provide strategic guidance with the assistance of a number of industry and academic players, to propose timely measures to the appropriate bodies, to involve the European Commission and to verify sustained activities and implementation of proposed measures.

Technical Approach

Ensure a working liaison with standards and Internet governance bodies such as ISOC, IETF, ICANN, RIPE NCC, 3GPP, ETSI, IPv6 Forum, Eurescom, ETNO, UMTS Forum and GSM Europe.

Provide a regularly updated review and plan action (“the European IPv6 Roadmap”) on the development and future perspectives of IPv6 in order to coordinate European efforts on IPv6.

Establish collaboration arrangements and working relationships with similar initiatives being launched in other world regions.

Key Issues

From the perspective of this project, and considering the previous recommendations submitted to the EC, taking into account that these are subject to change as a matter of decision of the IPv6 Task Force 2nd Phase, the main goals of the IPv6 Task Force will be to:

- Help educate the Industry and disseminate information about IPv6.

- Draw up an agreed Roadmap for deployment of IPv6 in different Industry sectors with the help of applicable scenarios where appropriate.
- Promote the rollout of IPv6 products, e.g. IPv6 connectivity in consumer-electronic devices on a large-scale by approximately 2005.
- Encourage active contributions towards the acceleration and alignment of on-going IPv6 work within standards and specifications bodies.
- Make proposals, where appropriate, for IPv6 work activities needed in future EC Framework programmes.

Results

The project will facilitate, support and coordinate 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.

International collaboration with the Japanese IPv6 Promotion Council, the North American IPv6 Task Force and IPv6 Task Forces organisations in Korea, China and India have been established. The project has participated through its members in various standards bodies (3GPP, DVB, etc.) and industry consortia (UMTS-Forum, PLC-Forum, GRID-Forum, DVB-Forum, etc.). Various reports (such as "Current barriers to IPv6 deployment") have been written and are the subject of continued analysis.

Success Stories

Together with the newly established IPv6 task forces, the IPv6 TF-SC has addressed more than 300 European companies so far. Several high-level events were initiated and a dozen IPv6 events were attended, spreading the word about IPv6 in Europe. The European way towards IPv6 has gained significant recognition in the international Internet community through dozens of outreach activities of the project. The Task Force has been involved closely in the US DoD's decision to migrate to IPv6 and the IPv6 Ready Initiative. The project currently focuses on the initiation of 1-2 high-level events with large international outreach.

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