

Feedback on the 2nd IPv6 interoperability event organized by ETSI plugtests service



IPv6 Interoperability Event

Topics: core IPv6, PPPv6, mobile IPv6, ROHC, Diffserv, RIPng, transition IPv4-IPv6, misc.

Tests cases , test scenarios, tools available on site from: ENST, IRISA, G6TEST, ERICSSON, TAHI, UNH

When: 19-23 November 2001

Where: Cannes – France organised by ETSI



MORE INFO :

plugtests@etsi.fr

www.etsi.org/plugtests/



ETSI events dedicated to IPv6 interoperability testing



- In October 2000, ETSI (European Telecom. Standardization Institute) hold its **first** interoperability event (called bake-off) concerning IPv6 protocols (including MIPv6) at Sophia-Antipolis (nearby Nice), in France
- The **second**, a bit larger with new features and more expertise, was held 19-23 November 2001, at Cannes
 - 37 people coming from 16 different companies and 6 different countries
 - **Testers** : UNH/IOL (USA), TAH1 project(Japan), Ericsson Research (Hungary) and G6test (IRISA & ENST Bretagne in France)
 - **Vendors** : 6wind S.A., Cisco Systems, Compaq Computer Corporation, Helsinki University, Hitachi Internetworking, Hitachi Ltd., Lucent Technology, Microsoft Corp., NEC Europe Ltd./ Network Laboratories, Nokia Internet Comm., Nokia Research Center, Symbian Ltd.
 - The **next IPv6 interoperability** expecting large participation and broad range of topics addressed (including interaction with 3GPP community), is scheduled for **September 2002**, south of France

The ETSI IPv6 plugtest event 2001: Technical results



- Concerning Core protocols (Neighbor Discovery, Stateless Address Autoconfiguration, Redirect, PMTU discovery, etc), PPPv6 and RIPng,
 - Even though some minor bugs have been detected, implementations are quite stable
- Concerning Transition mechanisms (6to4, NAT-PT, ISATAP),
 - Interoperability tests have lighted misinterpretations of the RFC that have been clarified
- Concerning MIPv6,
 - The difficulty came from the coexistence of several versions (v.13->v.15) of the draft
 - Main tests have been done based on draft v.13

http://www.etsi.org/plugtests/04History/2001_IPv6.htm