

Information Society
Technologies

Next-Generation

**IP
V6**

**TASK
FORCE**

Sep 12, BRUSSELS



Fixed Internet

Mobile Wireless

Next Gen Apps

TestBeds

ISOC Briefings

Worldwide Position Papers

ITU INT2000

Market Study



IPV6 Transitions

DNS DNSsec

PKI Education

IPsec

Internet CAR

**Bob Kahn's
Conclusions
at a DoD Conference**



- **IPv6 is under hyped (for what it really will do)**
- **Industry cannot make it happen**
- **DOD must return to leadership**

*Richard Clarke, Special Advisor to the President for
Cyberspace Security, Critical Infrastructure Assurance
Office (CIAO)*

Recommendations of ISOC/IAB/IETF INET 2002 June 19

Vint Cerf
Scott Bradner
Fred Baker
Lynn St. Amour
Leslie Daigle
Harald Alvestrand
Brian Carpenter



- - the proliferation of NATs makes end to end encryption or authentication difficult, meaning we need to actively deploy IPv6 in routers and end nodes to eliminate that issue. Please specify IPv6 support on all future procurements (shades of GOSIP)

The Internet's Coming of Age

Dec 2001

IPv6 is the way to go!

Recommendations at INET 2002

June 19

Committee on the Internet in the Evolving Information Infrastructure

ERIC SCHMIDT, Novell Inc., Chair

TERRENCE MCGARTY, The Telmarc Group, Vice-Chair

ANTHONY ACAMPORA, University of California at San Diego

WALTER BAER, RAND Corporation

FRED BAKER, Cisco Systems

ANDREW BLAU, Flanerie Works

DEBORAH ESTRIN, University of California at Los Angeles

CHRISTIAN HUITEMA, Microsoft

EDWARD JUNG, Intellectual Ventures

JOHN C. KLENSIN, ATT

DAVID A. KETTLER, BellSouth

MILO MEDIN, Excite@Home

CRAIG PARTRIDGE, BBN Technologies

DANIEL SCHUTZER, Citigroup

Special Advisor

[David D. Clark](#), Massachusetts Institute of Technology



ITU Endorsed IPv6 Task Force Initiatives



Istanbul v6 Paper 2002

NEXT GENERATION COMMUNICATIONS IPv6: What future for mobile Internet?

IPv6: a technology sprint or a
marathon?

Mobile Internet

IPv6 deployment around the world

IPv6 and the digital divide

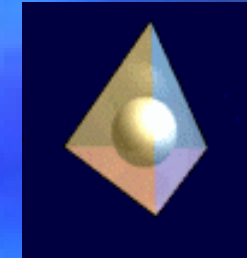


New Worldwide IPv6 Task Forces

IPv6 Steering Committee



IPv6 Forum Taiwan



MALAYSIAN
COMMUNICATIONS AND MULTIMEDIA
COMMISSION

Malaysian IPv6 Forum
chapter

IPv6 Pomotion Council



➤ *Claudie Haigneré, ministre chargée de la recherche et des nouvelles technologies, Elle a insisté sur la nécessité de développer l'IPv6, "protocole Internet de demain" en remplacement de l'IPv4 et sur la volonté du gouvernement de contribuer à l'émergence du Wi-Fi, norme permettant de créer des réseaux "sans fil".*





**world summit
on the information society**
Geneva 2003 - Tunis 2005



We are interested in exploring the creation of an interface between the IPV6 Task Force and the Summit. In order to grow awareness of these matters among all stakeholders participating at all stages in the Summit process we welcome a meeting facilitating a joint initiative.

I look forward to hearing from you at your earliest convenience.

Regards,

Louise Lassonde, PhD., Civil society Coordinator

Executive Secretariat, World Summit on the Information Society

UIT, Place des Nations

CH-1211 Genève 20

Switzerland

Japan's Goal: World's most advanced IT nation

MPHTP Priority Areas in FY2003 Budget

1) Further preparation of network infrastructures

i) Frameworks for new pro-competitive policy ready for IP and broadband features, ii) Advanced strategy toward IPv6, etc., iii) Nationwide deployment of broadband networks (National Broadband Initiative), iv) Promotion of digitalization of terrestrial broadcasting, v) Promotion of effective use of radio spectrum, and vi) Preparation of an environment surrounding radio spectrum use, etc.

2) Promotion of network use

vii) Promotion of digital content distribution, viii) Promotion of e-commerce, ix) Promotion of e-government, etc., x) Promotion of e-governments, xi) Development of human resources, and xii) Activation of local economies/support for venture businesses

3) Common/cross-cutting issues

xiii) Study on frameworks for networked society, xiv) Promotion of measures/privacy protection measures, xv) Promotion of strategic R&D, Promotion of international strategy, xvii) Bridging of the digital divide, and xviii) Promotion of consumer support measures

IPv6 WW Cooperations

*IPv6 Promotion Council
of Japan*



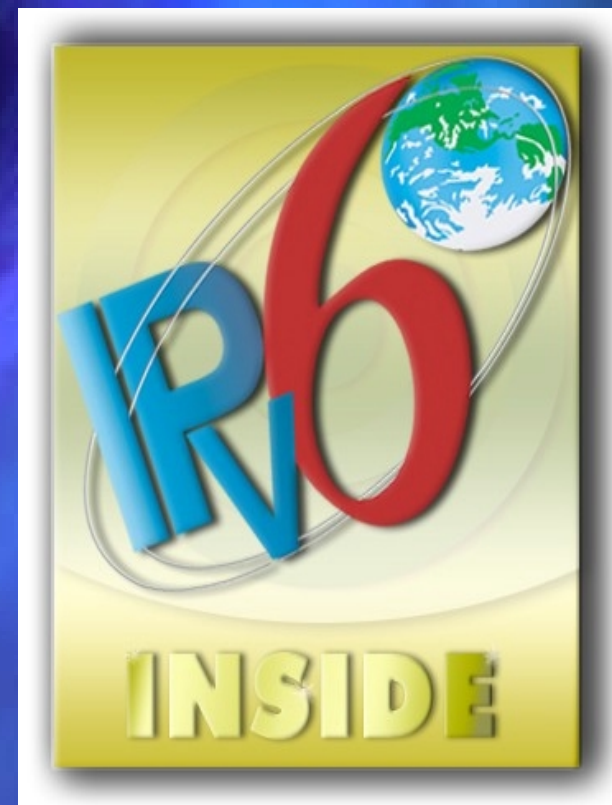
*European
Commission
IPv6 Task Force*



New IPv6 Initiatives

Global IPv6 Showcase

IPv6 Inside



Roll-Out of IPv6

InterNET

IPv4 - NAT

InterNAT

Yv4

IPv6

