

## Toward The Internet 2.0

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<http://hiroshi1.hongo.wide.ad.jp/hiroshi/index.html> Abstract:

In this presentation, the speaker will discuss our critical and strategic agenda that we must recognize and resolve. As for the future, ISOC has passed the resolution for the initialization of strategic activity on "Trust & Identity", to explore the future "Internet" innovations, at the ISOC BoT meeting in December 2007. As for the present, the speaker wants to discuss the following issues: (1) the professional IPv6 introduction into the existing IPv4-based Internet shall be serious and critical agenda of our global internet community, (2) the Internet deployment into the developing world, and (3) contents filtering.

### Abstracts

- Network Management and NOC Workshop  
 Hervey Allen (NSRC), Phil Regnauld (NSRC), Chris Evans (Delta-Risk)
- VOIP Deployment Workshop  
 Jonny Martin (PCH), Vicky Shrestha (PCH), Daniel Griggs (FX Networks)
- Network Security Workshop  
 Damien Holloway (Juniper Networks), Kunjal Trivedi (Cisco), Merike Kaeo (Doubleshot Security)
- ISP Routing Workshop using IPv4 and IPv6  
 Gaurab Raj Upadhaya (PCH), Amante Alvaran (APNIC), Shankar Vridhagiri
- Advanced Routing - BGP Multihoming with IPv4 and IPv6  
 Philip Smith (Cisco), Mark Tinka (Global Transit)
- Toward The Internet 2.0  
 Hiroshi Esaki, Ph.D.
- Advancing the Philippines' Internet Infrastructure  
 William Torres, Ph.D.
- Integrating IP Wireless Sensor Networks  
 Patrick Grossetete, Archrock
- Lessons Learnt from the Beijing Olympic Games Website Measurement  
 Rocky K. C. Chang, The Hongkong Polytechnic University
- A technical demo and overview of .tel  
 Jim Reid (Telnic)
- BGP IN 2008 - what's changed  
 Geoff Huston (APNIC)
- IPv6 Traffic levels on Hurricane Electric's backbone  
 Martin Levy (Hurricane Electric)
- JANET's 40Gbps backbone  
 Rob Evans (JANET)
- From IPv4 only to v4/v6 Dual Stack  
 Shin Miyakawa (NTT)
- How to Keep CGNs from Breaking the Internet  
 Randy Bush (IJJ)
- IPv6 Deployment at IJJ  
 Yoshinobu Matsuzaki (IJJ)

- Session aware NAT  
David Miles (Alcatel-Lucent)
- IANA and DNSSEC at the root  
Richard Lamb (IANA)
- IPv6 at Google: lessons learned, state of the art, and the road to deployment  
Lorenzo Colitti(Google)
- Euro-IX update  
Serge Radovic (Euro-IX)
- IPv6 at Monash University  
John Mann(Monash University)
- What can IXPs do for IPv4/IPv6 route exchange?  
Takabayashi Takejiro (Japan Internet Exchange Co., Ltd.) and Mawatari Masataka (Co-author)
- What can IXPs do about IPv4 exhaustion?  
MAWATARI Masataka (Japan Internet Exchange Co., Ltd.) and TAKABAYASHI Takejiro
- DNS-OARC's Open DNSSEC Validating Resolver  
Duane Wessels(DNS-OARC)
- AMS-IX Update  
Cara Mascini(AMS-IX)
- DNSSEC in 6 minutes  
Joao Damas (ISC)
- NIXI - Internet Exchanges in India  
Amitabh Singhal,NIXI
- IPv6 - IPv4 Co-Existence: IETF Report  
Jari Arkko, Ericsson Research, IETF
- Rogue DNS servers - a case study  
Feike Hacquebord,Trend Micro
- Building a very large scale compute system for organizing the worlds information and making it universally accessible  
Vijay Gill
- Mobile Backhaul Architecture Options  
Rishi Mehta ,Redback Networks
- Membership Development  
Tomas Marsalek, NIX.CZ
- Broadband Forum v6 Home Networks  
David Miles, Alcatel-Lucent
- BGP Routing Scalability Considerations  
Danny McPherson,Arbor Networks, Inc. Co-author: Shane Amante, Lixia Zhang
- 2008 Infrastructure Security Report  
Danny McPherson,Arbor Networks, Inc.
- 32-bit ASNs  
Chris Malayter, Switch&Data, Co-author: Greg Hankins , Force10 Networks
- The Internet Regulatory Environment in Saudi Arabia  
Dr. Ibraheem S. Al-Furaih (CITC)
- Tutorial: Introduction to IPv6  
Kurtis Lindqvist (NetNod)
- Tutorial: BGP Multihoming Techniques  
Philip Smith (Cisco)
- Tutorial: BGP Techniques for Service Providers  
Philip Smith (Cisco)
- Tutorial: Troubleshooting BGP  
Philip Smith (Cisco)

- Tutorial: Network Core Infrastructure - Best Practices  
Yusuf Bhaiji (Cisco)
- Tutorial: Anatomy of a network attack, network forensics, network attack and defense  
APNIC Training Team and Team Cymru
- Tutorial: Internet Routing Registry  
APNIC Training Team
- Tutorial: MPLS Service, Applications & Deployment Best Practices  
Santanu Dasgupta (Cisco Systems) and Kasu Venkat Reddy
- Tutorial: Layer 2 Attacks and Mitigation Techniques  
Yusuf Bhaiji (Cisco)
- Tutorial: Managing Voice Quality in Converged IP Networks  
Faisal Chaudhry (Cisco Systems)
- Tutorial: Internet Resource Management Essentials (IRME)  
APNIC Training Team
- Tutorial: DNSSEC Deployment  
Phil Regnauld and Hervey Allen (Network Startup Resource Center)
- Tutorial: MPLS-based Metro Ethernet Services  
Paresh Khatri(Alcatel-Lucent)
- Tutorial: IPv6 Deployment  
Mark Tinka(Global Transit International)
- Tutorial: IS-IS Deployment (Dual-Stack)  
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