IPv6 deployment at IIJ

Yoshinobu Matsuzaki , IIJ

Abstract   Â   IIJ is one of the first IPv6 commercial ISP in the world. I will describe our backbone, operation, and concerns about IPv6deployment at IIJ.

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 I(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
 PatrickÂ 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 Â
 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 (IIJ)

- IPv6 Deployment at IIJ
 Yoshinobu Matsuzaki (IIJ)

- 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 Radovcic (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)
 Mark Tinka(Global Transit International)