Tutorial: Internet Resource Management Essentials

Cecil Goldstein , APNIC   AbstractÂ   The Internet Resource Management Essentials (IRME) tutorial isdesigned to introduce, highlight, and explain the key essentials of Internet resource management.   It focuses on understanding the structures, processes, procedures, and policies involved in requesting, allocating, and managing Internet addresses (IPv4 and IPv6)and AS numbers.   IRME is targeted at the IT professionalsresponsible for administering and managing Internet resources,including IP managers, senior hostmasters, and network engineers.   Some understanding of networking fundamentals is assumed. The course includes aspects of APNIC IP request and allocation management, APNIC policies and procedures, and the APNIC Whois database.Â   Follow this link Â to see latest materials.Â

Abstracts   Â
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  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)

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  Hiroshi Esaki, Ph.D.

- Advancing the Philippines' Internet Infrastructure
  William Torres, Ph.D.

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  PatrickÂ Grossetete, Archrock

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  Rocky K. C. Chang, The Hongkong Polytechnic University

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    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)

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  Rob Evans (JANET)

- From IPv4 only to v4/v6 Dual Stack
  Shin Miyakawa (NTT)

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  Randy Bush (IIJ)

- IPv6 Deployment at IIJ
  Yoshinobu Matsuzaki (IIJ)

- Session aware NAT
  David Miles (Alcatel-Lucent)

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  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
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- Broadband Forum v6 Home Networks
 David Miles, Alcatel-Lucent
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 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
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 Dr. Ibraheem S. Al-Furaih (CITC)
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- Tutorial:IS-IS Deployment (Dual-Stack)
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