

# Technology Area

- Prof Sureswaran Ramadass  
(Presented by Suhaimi Napis)

Reports: IPV6, SIP and Future Internet  
(No Sensor Network this time)

# IPv6 Working Group Report APAN32

New Delhi  
26 Aug., 2011



### What is IPv4 Exhaustion Stage 3?

APNIC's IPv4 Exhaustion Stage 3 starts when APNIC reaches its last /8 of available IPv4 address space. The APNIC community has prepared policy amendments that change how APNIC distributes space from this point on.



### How does the policy change in Stage 3?

Under the Final /8 policy, each APNIC account holder can only receive a single allocation of the current minimum IPv4 allocation size (/22), if they meet the current criteria.



### How would this affect me?

If you represent an organization that operates in the Asia Pacific region, or you intend to deploy networks in the Asia Pacific and need IPv4 addresses, you need to be aware that the amount of address space APNIC can allocate to you in Stage 3 is limited to a maximum of a /22 (1,024 addresses).

# Morning Session

- India IPv6 Policy and its implementation in India
  - RAKESH MOHAN AGARWAL,
- Update on IPv6 in Internet2
  - Steve Wolff
- Experience of IPv6 in AARNET
  - Bruce Morgan

# Afternoon Session

- IPv6 Capacity Building in Malaysia and globally
  - Navaneethan C. Arjuman
- World IPv6 Day activity in Indonesia
  - Affan Basalamah
- IPv6 related update in Japan
  - Katsuyuki Hasebe
- IPv6 Architecture Overview and Deployment Scenarios
  - Chinna Pellacuru
- IPv6 Development Technologies
  - Rayu Raghavan

# Afternoon Session continue

- 6PANview: A network monitoring system for the 'Internet of Things'
  - Lohith Y.S.
- IPv6 organization deployment strategy
  - Nitin Vig
- Panel Discussion: The responsibility of research and education community in the network era of IPv4/IPv6 transition
  - Steve Wolff
  - Bruce Morgan
  - Xing Li

# Photo Gallery



No.	Date	Place	Presentati ons	trai ni ng	Sessi on	Chai r
• APAN 31	2011. 2. 23	Hong Kong	6+2p	1	MA Yan	
• APAN 30	2010. 8. 11	Hanoi	8	1	MA Yan	
• APAN 29	2010. 2. 10	Sydney	10	1	MA Yan	
• APAN 28	2009. 7. 20~24	Kual a Lumpur	10	1	MA Yan	
• APAN 27	2009. 3. 2-5	Kaohsi ung	12	0	MA Yan	
• APAN 26	2008. 9. 4-8	Queenstown	14	1	MA Yan	
• APAN 25	2008. 1. 23-25	Hawai i	6		MA Yan	
• APAN 24	2007. 8. 27-31	Xi ' An	11		MA Yan	
• APAN 23	2007. 1. 22-26	Mani la	10		MA Yan	
• APAN 22	2006. 7. 17-21	Si ngapore	13		MA Yan	
• APAN 21	2006. 1. 22-26	Tokyo	11		MA Yan	
• APAN 20	2005. 8. 23-27	Tai pei	13		Ji anpi ng WU	
• APAN 19	2005. 1. 24-28	Bangkok	10		Ji anpi ng WU	
• APAN 18	2004. 7. 2-7	Cai rns	10		Ji anpi ng WU	
• APAN 17	2004. 1. 25-30	Honol ul u	5		MA Yan	
• APAN 16	2003. 8. 24-29	Busan	4		Xi ng LI	
• APAN 15	2003. 1. 20-25	Fukuoka	6		Aki ra Kato	
• APAN 14	2002. 8. 26-28	Shanghai	3		Etti kan Kandasamy	
• APAN 13	2002. 1. 22-25	Phuket			Etti kan Kandasamy	
• APAN 12	2001. 8. 20-22	Penang			Etti kan Kandasamy	
• APAN 11	2001. 2. 1-2	Hawai i			Aki ra Kato	
• APAN 10	2000. 8. 22-25	Bei j i ng			Aki ra Kato	
• APAN 09	2000. 2. 15-18	Tsukuba			Aki ra Kato	
• APAN 09	1999. 9. 21-24	Canberra			Aki ra Kato/5	
• APAN 07	1999. 2. 19-21	Osaka			Aki ra Kato	
• APAN 06	1998. 1-3	Seoul			Aki ra Kato	
• APAN 05	1998. 3. 2-3	Tsukuba			Aki ra Kato	
• APAN 04	1997. 10. 20-21	Si ngapore				
• APAN 03	1997. 6. 2-3	Tokyo				
• APAN 02	1996. 11. 8-9	Tokyo				
• APAN 01	1996. 8. 23-24	Seoul				



# **SIP-H323 WG**

## **Agenda**

Chair: Quincy Wu (TW)

SIP Peering Coordinator: Nimal Ratnayake (LK)

Secretary: Darren Coleman (AU)

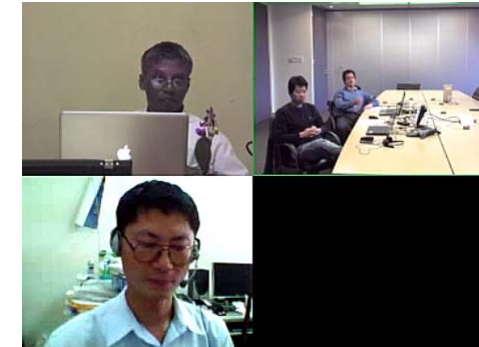
Term: 2010.2-2012.1

## WG Meeting in 32<sup>nd</sup> APAN (2)

- Preparation for [Hands-on SIP Workshop](#) in Chiang-Mai (2012.2)
  - Coordinator: Tan Chen Wei
  - Participants will learn how to build their own SIP Server, and establish peering with APAN SIP Server.
- Experience Sharing for Video Calling & Unified Communication (Bill)
- WG Chair Election
  - Chair-elect: Bill Efthimiou (AARNet)
  - Co-Chair-elect: Tan Chen Wei (MYREN)
  - Term: 2012.2-2014.1

# WG Activities

- Monthly video conferences
  - 2011.4.28
  - 2011.6.2
  - 2011.7.1
  - 2011.8.5
- SIP Workshop in Penang 18-19 August
  - Attended by participants from TEIN member countries such as Thailand, Cambodia, Philippines and Malaysia.
  - Lectures given by Bill and Leon from AARNet



# WG Meeting in 32<sup>nd</sup> APAN

- August 24th, 2011, New Delhi
  - 09:00-12:30
  - 4 remote speakers
- Status of [APAN SIP Peering](#)
  - Value-added Service
  - Getting institutes connected
- Members Update
  - Whai-En Chen, "[TANet VoIP Exchange Center Status](#)"
  - Tan Chen Wei, [USM Update](#)
  - Bill Efthimiou, [AARNet Update](#)



# Future Internet Testbed WG

James Williams, Shinji Shimojo, DY Kim  
Aug. 24 APAN@India

# Report

- Full day workshop for 4 sessions including hands on.
  - FIT update: US, Japan, Korea, India, Taiwan
  - Openflow Deployment: NEC, Juniper, Thai, EU, Korea
  - Openflow Hands-on
- Quite amount of No. of attendees
- Feedback
  - Liaison with AsiaFI
  - Security should be included as a topic
  - Need more discussion time and actual demo for doing real work
- We will hold another meeting in Thai