

# 10<sup>th</sup> Address Policy SIG Report

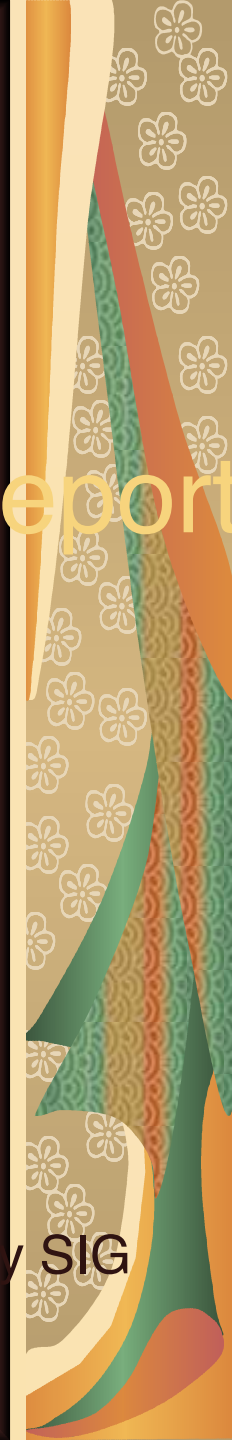
2004.9.3

Takashi Arano

Kenny Huang

Toshiyuki Hosaka

Chair/co-chair of APNIC Address Policy SIG



# History

- 1<sup>st</sup> SIG: Korea, Mar. 2000
- 2<sup>nd</sup> SIG: Brisbane, Oct. 2000
- 3<sup>rd</sup> SIG: KL, Mar. 2001
- 4<sup>th</sup> SIG: Taipei, Aug. 2001
- 5<sup>th</sup> SIG: Bangkok, Mar. 2002
- 6<sup>th</sup> SIG: Kita-Kyushu, Sep. 2002
- 7<sup>th</sup> SIG: Taipei, Feb. 2003
- 8<sup>th</sup> SIG: Korea, Aug. 2003
- 9<sup>th</sup> SIG: Kuala Lumpur, Feb. 2004
- 10<sup>th</sup> SIG: Fuji, Sep. 2004



# Address Policy SIG Agenda

- Election of co-chair(s)
- Review of action items
- Dark IPv4 Space, Gordon Bader
- IPv4 HD Ratio, Anne Lord
- Expansion of IPv6 Initial Allocation, Tomohiro Fujisaki
- IPv6 address space management, Geoff Huston
- IANA IPv6 Global Allocation, Paul Wilson
- Status Report (RIPE, ARIN and LACNIC), Laura Cobley
- Status Report (JPNIC), Toshiyuki Hosaka
- Unique Local IPv6 unicast addresses, Geoff Huston
- Large space IPv4 trial Report, Kosuke Ito
- Status Report (APNIC), Anne Lord
- IPv6 assignment for end-users, Tomohiro Fujisaki

# Head count for each session

 Session 1 93

 session 2 92

 session 3 70



# Election of co-chair(s)

- Hosaka was elected among 3 candidates



# Dark IPv4 Space, Gordon Bader

- To withdraw address space from LIR who routes “dark” prefix
- A lot of questions arose from technical and procedural viewpoints.
- Consensus has not been reached.

# IPv4 HD Ratio, Anne Lord

- To apply HD ratio for IPv4 allocation
- There was a lot of discussion
- There was no clear consensus.
- Consensus is to keep open proposal and secretariat and NIRs to do a small survey on ISP address management problems

# Expansion of IPv6 Initial Allocation, Tomohiro Fujisaki

to expand IPv6 address space for existing IPv6 address holders without satisfying the subsequent allocation requirements, with deployment plan or with IPv4 infrastructure

Consensus reached





# IANA IPv6 Global Allocation, Paul Wilson

- IPv6 Policy from IANA to RIRs
- Consensus reached for latest proposal, with some flexibility of parameters
  - Flexibility is left for consensus of other regions
- Specific number of parameters will be discussed in ML

 Thank you for your cooperation

