

# Large Space IPv4 Trial Usage Program for Future IPv6 Deployment ACTIVITIES UPDATE Vol.12

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APNIC 23 Meeting / Policy SIG

Mar 1st, 2007 at Bali, Indonesia

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# Report Items

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- Update since the last meeting
  - Result of the regular hearing session
  - Status of Active participants
- Consideration

## Start of Phase 2

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- Phase 2 of this program has started from Jan. 1<sup>st</sup>, 2006
  - Term: To the end of 2008
  - Participant needs to agree to the following conditions:
    - Will be closed at the end of 2008 (no extension)
    - Need to set the IPv6 service deployment goal - to start IPv6 service - within the trial
    - Need to submit the deployment schedule

# Regular Hearing Session

- The current active participants:
  - Nation-wide ADSL/VoIP service provider
  - Nation-wide FTTH service provider
  - L3 connectivity/IP-Phone service provider
  - CDN ASP
  - Public Wireless-LAN access service provider
  
- Interview
  - 9<sup>th</sup> Interview from the start of this trial
  - 24 Jan 2007 ~ 31 Jan 2007

# Regular Hearing Session

- Trial Target of each participant
  - IPv6 Native/Dual connectivity service
  - IPv6 L3 service
    - Stable L3 connectivity by IPv6 regardless of base IP infrastructure
  - City-wide IPv6 Public Wireless Service
  - IPv6 CDN Platform Service

# Allocation List

- Allocation list of this trial
  - 43.0.0.0 - 43.223.255.255 non-use
  - Experimental space is below
  - 43.224.0.0 - 43.231.255.255 Nation-wide ADSL/VoIP service provider
  - 43.232.0.0 - 43.235.255.255 Nation-wide FTTH service provider
  - 43.236.0.0 - 43.243.255.255 Nation-wide ADSL/VoIP service provider
  - 43.244.0.0 - 43.244.255.255 L3 connectivity/IP-Phone service provider
  - 43.245.0.0 - 43.245.255.255 Public Wireless-LAN access service provider
  - 43.252.0.0 - 43.252.255.255 L3 connectivity/IP-Phone service provider
  - 43.253.0.0 - 43.253.255.255 CDN ASP
  - 43.254.0.0 - 43.254.255.255 IPv6 PC

# Results of Hearing (1)

- Most participant going smoothly toward their goal - to provide the IPv6 services
  - The IP-Phone service has already provided on IPv6
  - Nation-wide ADSL/VoIP service provider continues IPv6 trial service
  - DNS service for IPv6 starts trial service
- Nation-wide FTTH service provider began to prepare in not limited IPv6 Connectivity but all IPv6 Connectivity.

## Results of Hearing (2)

- But, participants thinking too early to provide IPv6 service because of consumer's environment.
  - Most of applications still rely on IPv4 environment and most of users still demand IPv4
  - When they provide service, the entrepreneur doesn't adopt it because the consumer doesn't correspond.
  - They are expecting Windows VISTA
    - User uses IPv6 by default



# Consideration

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- We will guide participants to start IPv6 service
  - We continuously check their status to be in schedule - next hearing session will be August 2007 –
- We are preparing to return the address space by the end of 2008.
- And We will announce the schedule until the end of 2008 in APNIC 24.

- IPv6 Promotion Council will report this trial status to the APNIC Open Policy Meeting continuously

Any Question?

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