

Large Space IPv4 Trial Usage Program for Future IPv6 Deployment ACTIVITIES UPDATE Vol.11

APNIC 22 Meeting / Policy SIG

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Report Items

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

Large Space IPv4 Trial (From APNIC11 OPM)

- Time-limited address leasing for...
 - New “IP version 4 address” lease policy
 - Reuse of IP version 4 address
 - Practical IP version 6 transition
 - Explore new business based on the E2E model
 - IP version 6 address management

■ Project Relation



Start of Phase 2

- Phase 2 has started from Jan.1st,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
 - 8th Interview from the start of this trial
 - 28 July 2006 ~ 3 Aug 2006

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

Results of Hearing (1)

- Most of participant goes smoothly toward their goal - to provide the IPv6 services -
 - The IP-Phone service has already provided on IPv6
 - Nation-wide ADSL/VoIP service provider continue IPv6 trial service
 - IPv6 over IPv4 service development was completed

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
 - They are expecting Windows VISTA
 - User uses IPv6 by default

Consideration

- We will guide participants to start IPv6 service
 - We continuously check their status to be in schedule - next hearing session will be January 2007 -
 - If it's not in schedule (and impossible to provide IPv6 service before the end of 2008), we request Renumbering of the address.
 - We report regularly twice a year

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

Any Question?

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