
IP Address Governance by APNIC and NIRs

Internet Governance Panel in APNIC20

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Background and Philosophy of IP Address Management

- A **limited** space to be shared by **all**
 - IPv6 has a astronomical number, but still limited
 - All on the globe, all over its lifetime
- Assign as many as a user **actually** needs
 - Should not be less than needed
 - nor more than needed
 - Regardless of time or geography

How to assign IP addresses

“no more or no less than needed”

■ Fairness

- IP Address Registries (RIRs, NIRs and LIRs) should have ***homogeneous, consistent and coordinated*** policy suite
- Broad participation to the policy process

■ Technical expertise

- Rapid evolution of IP networking technologies
- Addressing technique for an efficient IP address use
- Demonstrating the IP address needs

Challenges to APNIC

- To cover a variety of economies with different...
 - Degree of development
 - Deployment status of the Internet
 - Big gap in amount of IP address needs and technical expertise
 - Different needs for governmental involvement for the Internet
 - Languages
 - Difficulty for fair participation, discussion and understanding of policy and policy process

Effort of APNIC

- Developing Technical Expertise
 - Active involvement for technical deployment in the developing countries

- Fair participation to policy process
 - Fellowship programs
 - Multi-language capability of Secretariat
 - Making English discussion easier for non-native
 - Real-time scribe, advance publishing of proposals

A probable key solution – NIRs

- NIR – National Internet Registries
 - Internet Registries which cover a country / an economy
- Better coverage of in-country situation
 - Service by local language, local currency, complying to domestic regulation

NIRs can cover various governmental involvement

- Various governmental involvement possible
 - Independent NPO with little governmental involvement or fund
 - Sub-structure of government or national agency
- A very important thing – to have consistent policy for fair distribution of IP address for technical needs
 - Swift coordination with global policy system is precious

Summary

- IP address governance as well as other components of Internet Governance should be in order to assure sustainable operation of the Internet
- APNIC region has variety of technical/cultural/ development situations but APNIC has been making fair effort to cover them
- NIRs can work for better coordination of in-country situation and global policy coordination

Thank you very much!

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