.kr ccTLD Model & Operation

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Content

1. Introduction of NIDA
2. Act on Internet Address Resources
3. .kr ccTLD Model
Introduction of NIDA

- Non-profit Statutory Organization
  - In charge of allocating & managing Internet addresses including R&D activities designed to increase the use of Internet in Korea
  - Subsidiary to the Ministry of Information and Communication in accordance with the Act on Internet Address Resources (July 30, 2004)
History

- Jun 29, 1999 : KRNIC was founded as a non-profit organization.
- Jan 4, 2002 : Launched .kr Domain Name Dispute Resolution committee
- Aug 19, 2003 : Launched Korean IDN service
- July 30, 2004 : Act on Internet Address Resources was enacted.
  - National Internet Development Agency of Korea was founded as a statutory organization, and KRNIC became the sub-organization of NIDA.
- July 12, 2004 : IPv6 records for .kr domain name servers were added to the root zone for the first time in the world
Role of NIDA (1)

- Develop policies of .kr domain name and IP address allocation in Korea
  - Registration of domain names
  - Assignment of IP Addresses and AS Numbers

- Manage .kr domain name servers (IPv4/IPv6)

- Research and develop of internet-related subjects
  - IPv6, Internet address systems for the next generation & multilingual domain name systems, ENUM etc.
Role of NIDA (2)

- Cooperate with Internet address related international organizations
  - ICANN, ISOC, IETF, APTLD, APNIC, APNG, MINC and etc

- Release of Internet related statistics

- Provide technical support for the registration of domain names and IP addresses

- Host annual Internet-related conferences, workshops, and seminars
Role of NIDA

Cooperation with internet-related international organizations

R&D of Internet-related subjects

Release Internet-related Statistics

Technical Support

Policy Development

- kr DNS Service
- Allocation of IP Address as NIR
- ENUM, RFID, WINC etc.

Internet Address Policy Committee

Internet Address Dispute Resolution Committee
ITU Resolution 102 (Marrakesh, 2002)

Management of Internet domain names and addresses
c) ... the role of governments is to provide a clear, consistent and predictable legal framework, ..., and to ensure adequate protection of public interests in the management of Internet domain names and addresses.

GAC’s Principles for the delegation and administration of ccTLD (Feb 23, 2002)

5. ROLE OF GOVERNMENT OR PUBLIC AUTHORITY
5.3 It is recalled that the Governmental Advisory Committee (GAC) to ICANN has previously adopted the general principle that the Internet naming system is a public resource in the sense that its functions must be administered in the public or common interest.
Chapter 1: General Principles

- Description on Purpose of Act, Terms, Government’s Duties & scope of application

Chapter 2: Implementation of policies related to Internet Address Resources, etc

- Basic plan & management mechanism such as Policy Committee, NIDA

Chapter 3: Utilization & Management of Internet Address, etc

- Assignment of Internet Address, Justified Use, Standing rules on Internet Address management, order of use, and etc
Chapter 4: Internet address Dispute Resolution Committee (IDRC)
- Establishment of Dispute Resolution Committee for support Dispute on Internet Address

Chapter 5: Penal Provisions
- Penal regulations about violation of duties as public officials

Additional Rules
- Prescription on Enforcement Date, succession of Korea Network Information Center (KRNIC), afterward workings etc
.kr ccTLD Governance Model

Act on Internet Address Resources

IDRC
(Internet Domain address Dispute Resolution Committee)

MIC
(Ministry of Information and Communication)

IAPC
(Internet Address Policy Committee)

Secretariat

Limit of Application
.kr Domain Name & IP, ENUM

Private Sector
Civil Society

ISPs
.kr Registrars

National Internet Development Agency of Korea
Consist of 10 councilors
- M.I.C.(1), Government Agency(1)
- Law(1), Professors(3), NGO(2)
- Internet Business(2)

Mission
- National Strategy Plan on Internet Address Resources
- Delegation of Registry on Internet address resources
- Rules on Internet Address Management
- Policy on the disputes of Internet Addresses
- International Affairs, and other related policy issues
Governance on IP Address Allocation

National Internet Development Agency of Korea

Act on Internet Address Resources

Regional Internet Registry

National Internet Registry & ISPs

National Internet Registry & ISPs

ISPso

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