KRNIC

IDN in Korea

21/JUL/2004
Kang AhnGu
Korea Network Information Center

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Overview of .KR

- 1986 : Registration in the 3rd-level domain name space
    - 13 Organizational sub-domains (co.kr, ac.kr, re.kr, or.kr, ne.kr...)
    - 16 Geographical sub-domains (seoul.kr, busan.kr, jeju.kr ….)
    - One domain name per one organization(~JUN/1999)
    - Local presence required

- 2003 : Introduction of Hangeul.KR
    - Allow second-level domain registration only for those including Korean-character (Since 19/AUG/2003)
    - Not allowed second-level domain registration for ASCII domains

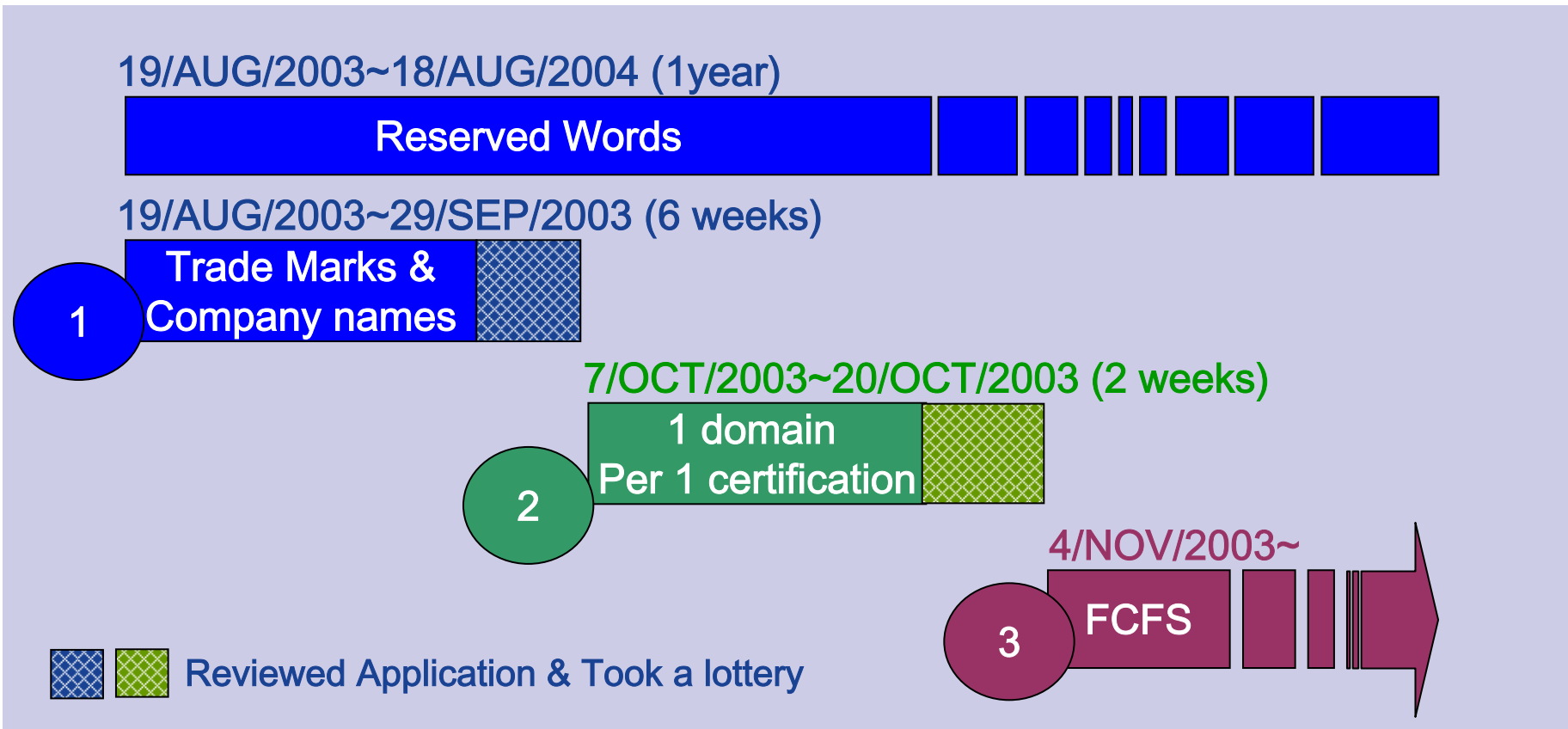- Total number of registered domain names is about 613,000 as of 16/JUL/2004

Rules on Hangeul.KR

한글.KR

- ## In general
  - Alpha-numeric characters, hyphen, and Hangeul
  - Include at least one Hangeul character(2,350)
  - Length of Hangeul domain name : 2~17

- ## Restricted words(829 words)
  - 769 (To reserve name space, single characters, and mostly category names)
  - 60 (abusive words)

Sunrise Policy

한글.KR

■ Overview of Sunrise

19/AUG/2003~18/AUG/2004 (1year)

Reserved Words

19/AUG/2003~29/SEP/2003 (6 weeks)

1 Trade Marks & Company names

7/OCT/2003~20/OCT/2003 (2 weeks)

2 1 domain Per 1 certification

4/NOV/2003~

3 FCFS

Reviewed Application & Took a lottery

(1ˢᵗ Stage) Reserved Words

- **Registration for reserved words**
  - 19/ AUG/2003 ~ 18/AUG/2004 (1 year)
  - Organizations included in a reserved word list

- **Reserved words for the Following Organizations (29,716)**
  - Administrative Agencies
  - Legislative Agencies
  - Machinery of Law
  - Educational Organizations
  - Governmental Projects. Etc.

(1ˢᵗ Stage cont') Trade Marks & Company names

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- **Registration of registered trade marks and company names**
  - 19/AUG/2003 ~ 29/SEP/2003 (6 weeks)

- **Same or similar to registered trade mark & company name allowed for Hangeul domain name**
  - Up to 3 domain names for one trade mark, and 2 domain names for one company name

- **Independent trade mark expert group determines validity of trade mark for Hangeul domain name**
  - If there is more than 1 valid application for 1 domain name, the registrant is determined by draw

(2nd stage) 1 Domain per Certification

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- **Registration of 1 domain per 1 certification**
  - 7/OCT/2003 ~ 20/OCT/2003 (2 weeks)

- **One Hangeul domain name per certification**
  - Certificate of residence or business registration certification

- **In case of competition, registrants were determined by draw**
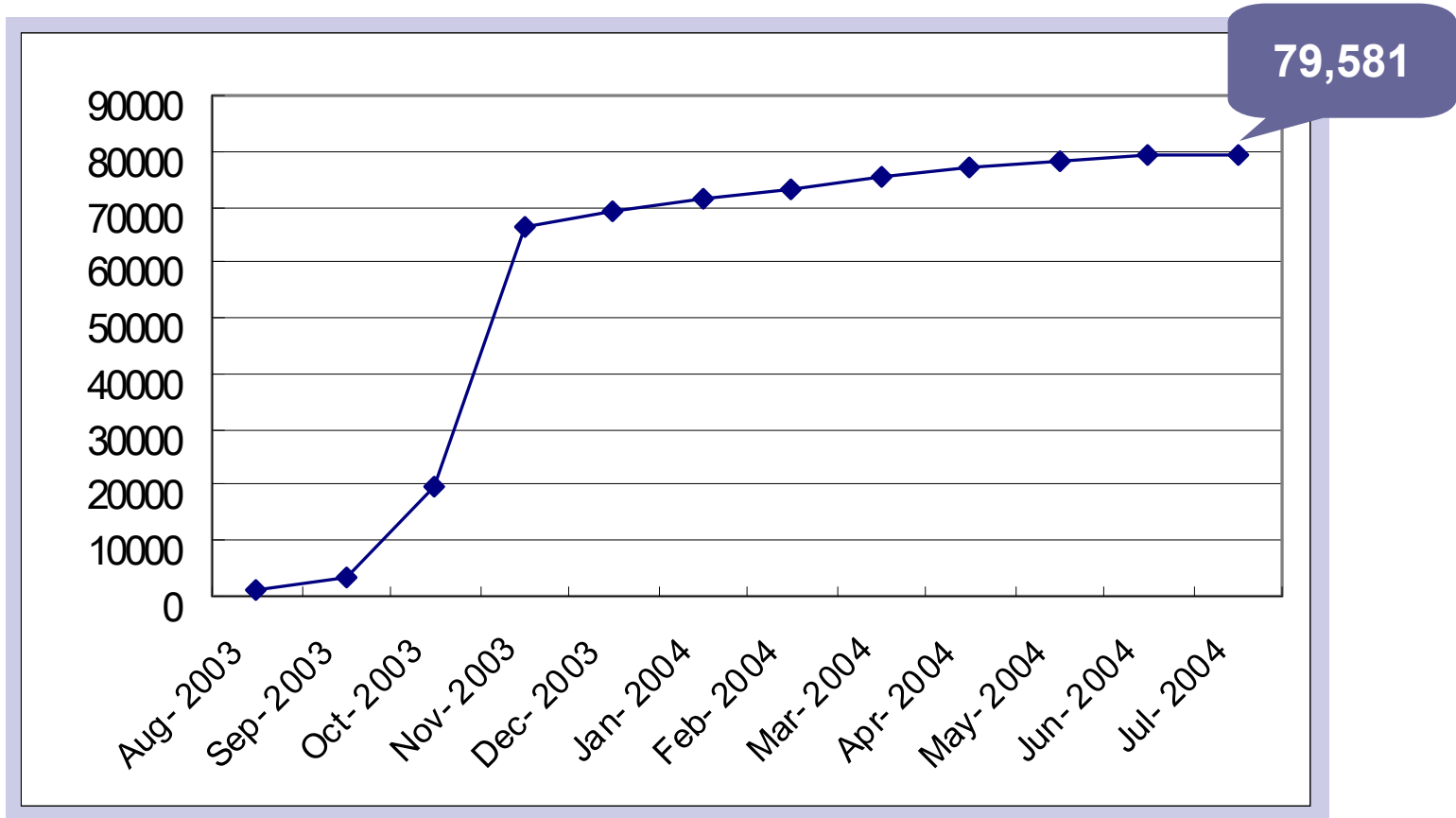
Result of Sunrise Period

- 19/AUG/2003 ~ 4/NOV/2003

	Categories	Application	Winning DN	Registered
1	Reserved Words	**(29,720)**		**4,747**
	Trade Marks & Company name	**25,648**	**12,342**	**11,654**
2	1 Domain per Certification	**47,124**	**21,895**	**19,276**
3	FCFS (4/NOV/2003)	**-**	**-**	**17,110**
Total # of registered Hangeul.KR				**52,787**

Service Environment

- **Plug-in**
  - Distributed a plug-in program to convert Hangeul domains to punycode in order to accommodate name server query

- **IDN management tool**
  - Distribute code converter (Web, Windows, Unix/Linux)

- **KR name server**
  - Run zone file in punycode

Current Status

■ Number of Hangeul.KR

79,581

Current Status II

- ## Name server setting and website connection

Total # of Hangeul.KR	79,581
In operation	27,645 (34.74%)
Not in operation	51,936 (65.26%)
Set name server	29,396 (36.94%)
Do not set name server	50,185 (63.06%)

- Survey target: Hangeul domain names registered as of JUL. 1, 2004

Q & A