

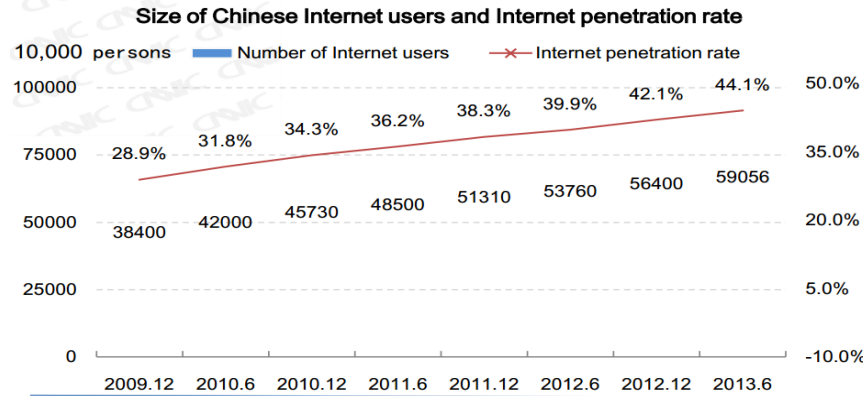
Becoming National Hub of TLDs in the New gTLD Era

SUN, Xiantang

26 March 2014

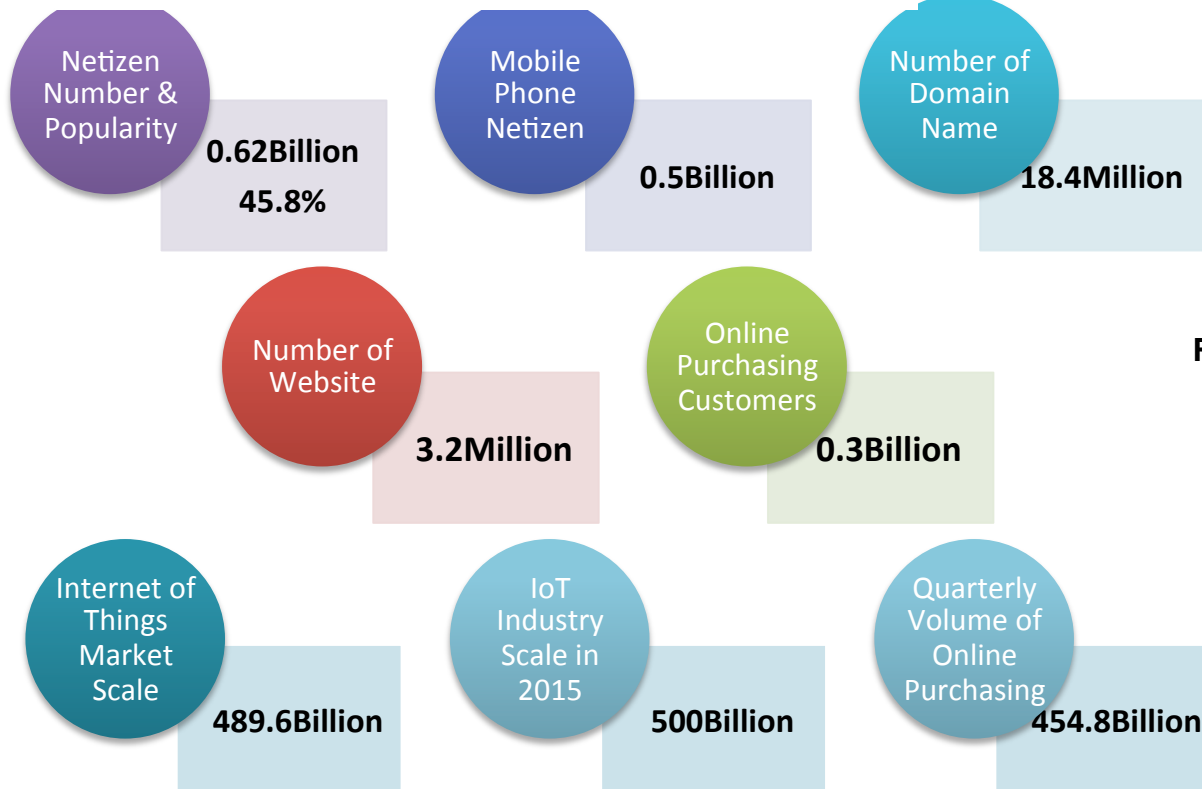


Update

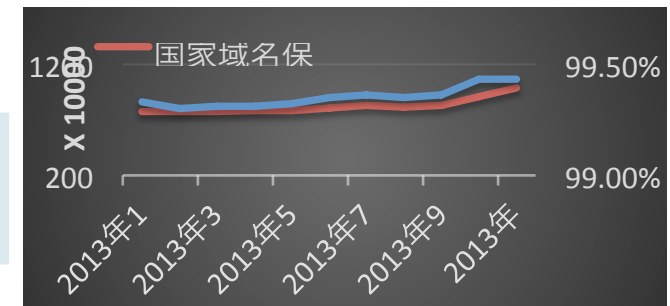


Source: Statistical Survey on Internet Development in China 2013.6

Figure 1. Size of Chinese Internet users and Internet penetration rate



- 18.44 millions domain names in total in Chinese market
- 10.83 millions .CN, 50%+ of the market ----Dec 2013



Tendency Chart of .CN Registration Volume and the Real Name Rate

- ❑ IPv4 Address allocated by CNNIC: 74.17million (4.42A) , ranking the second in China.
- ❑ IPv6 Address allocated by CNNIC: 4319/32, ranking the first in China
- ❑ AS Number Assigned by CNNIC: 601, ranking first in China.

From Traditional ccTLD to National Hub of NewG

CNNIC's responsibility as tradition ccTLD

Operation, Administration and Service organization of national network fundamental resources

Research, Development and Security center of national network fundamental resources

Research and consulting services driving force for Internet development

Platform for Internet open cooperation and technical exchange

CNNIC's position in NewG era

Secure and reliable platform for gTLD registries, especially for IDN registries

National policy and research hub for the industry and the community

International cooperation platform to help merge the Chinese market and the overseas market

Moving more resource to local New gTLD market

Industry Background

National domain name registry and domain name root servers .

Provide global users with uninterrupted DN registration, resolution and WHOIS inquiry.

Products

Mature SDNS series.

Full package of services in new gTLD.

Policy

“IPv6 Addresses Management Policy Suggestions” .

“Planning on the Domain Name System in China” .

Market

- More than 70 registrars, and
- more than 2,000 registered agents,
- covering 32 provinces and municipalities



Moving more resource to local New gTLD market

Technology

- Anti-DDOS equipments
- Established three big data centers
- 30 nodes in national top level domain
- Participate in BIND 10 development
- Domain name and IP address operation management platform
- Domain emergency security protection platform
- Internet monitoring and data analysis platform

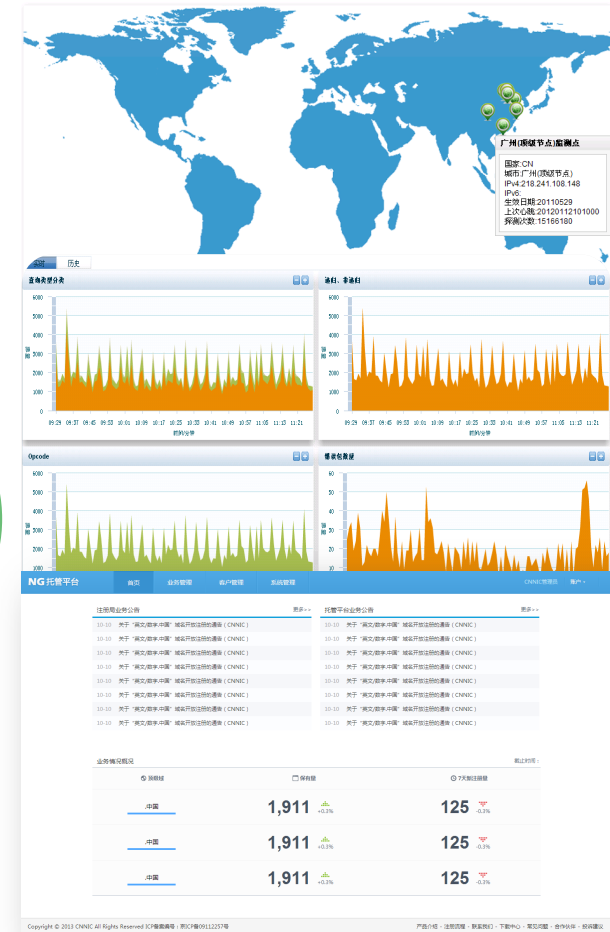
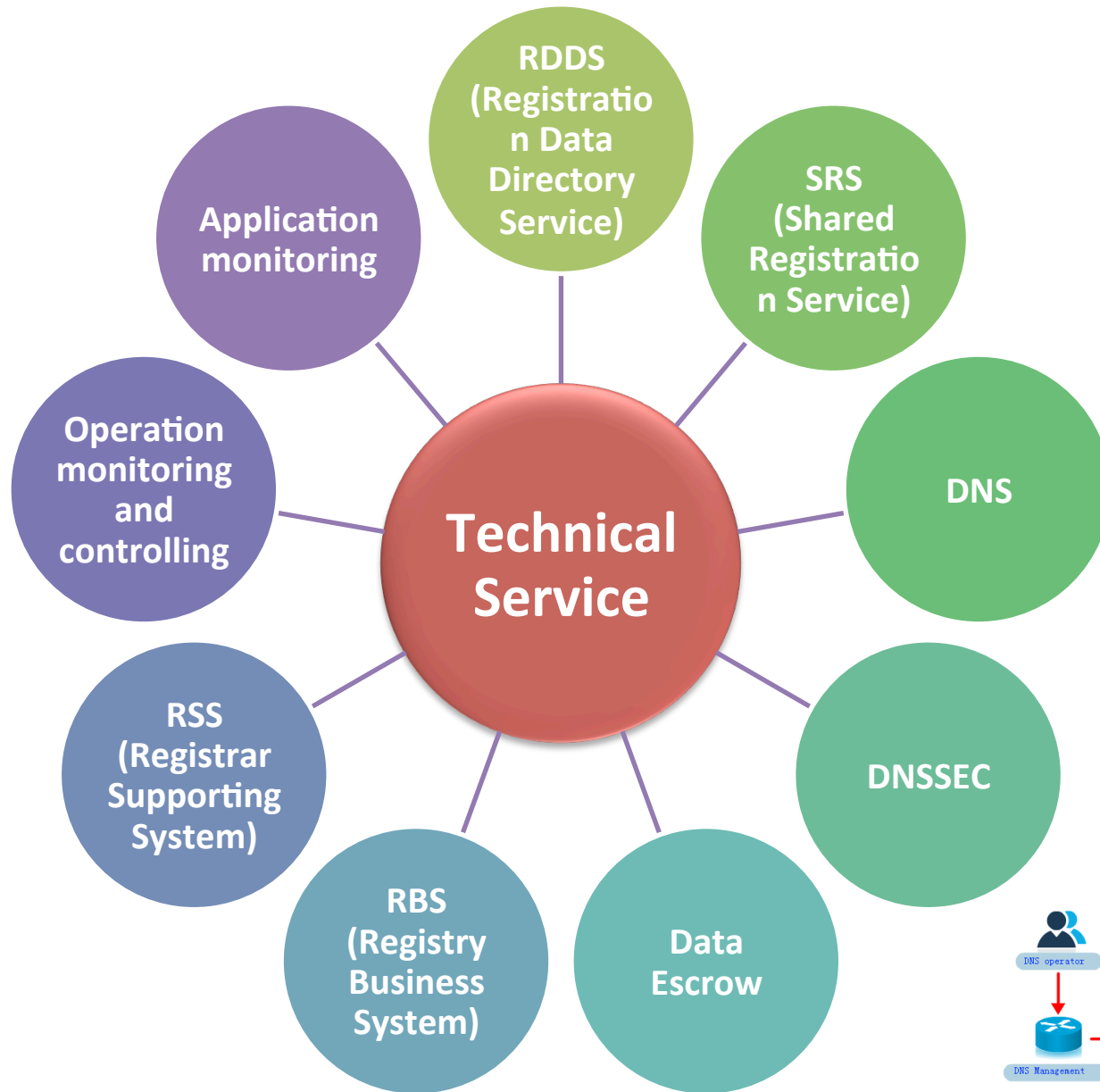


International cooperation

- Actively track the latest developments in Internet policy and technology
- Coordinate and cooperate with international organizations and Internet Network Information Center
- Host important international conferences and creates platform for international exchange and sharing



New gTLD Registry-Registrar System



CNNIC's New gTLDs: .公司, .网络

- ❑ CNNIC began to participate in the new gTLD program in 2011 and undertook the task of application for Chinese gTLDs of “.公司” and “.网络”.
- ❑ CNNIC is leading the Chinese market to provide the best IDN gTLD service in China, bringing more opportunities to the market and the industry.

Registry Agreement signed in 2013

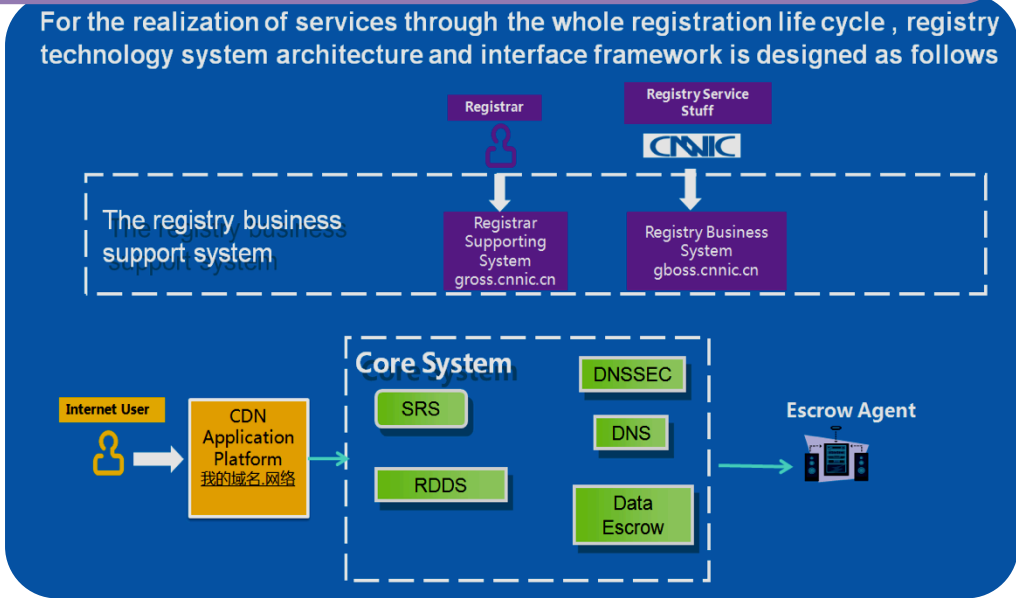
Delegated in January, 2014

Sunrise Registration opening at the moment

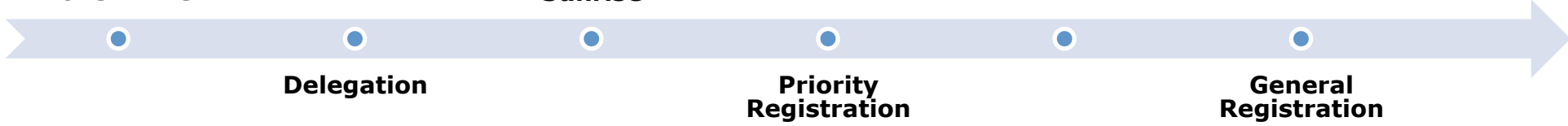


Registry Agreement
2013.11.13

Sunrise



Launch & Auction



CNNIC as ICANN's EBERO Operator



On April 2nd, 2013, the Internet Corporation for Assigned Names and Numbers (ICANN) officially announced: after the global recruitment facing all the domain name registries worldwide, it ultimately selected China Internet Network Information Center (CNNIC), Nominet in the United Kingdom and Neustar in the United States as the three Emergency Back-End Registry Operators (EBERO) of new generic top-level domain (New gTLD).

5 key functions as EBERO

- DNS resolution;
- DNSSEC applications;
- Registration system;
- WHOIS query;
- Coordinating registry data escrow.

Latest development

- Completed ICANN inspection in last November, as well as the real simulation in January;
- Completed EBERO Recovery and the surrounding registration, WHOIS and escrow whole process coordination;
- Completed Recovery Data File Performance testing and analysis, and propose to do further performance optimization.

CNNIC as Data Escrow Agent

Internet Corporation for Assigned Names and Numbers (ICANN) officially announced that China Internet Network Information Center (CNNIC) had been certified as Data Escrow Agent (DEA) that undertakes new generic top-level domain (New gTLD) data escrow services across the world. It is the second time that CNNIC plays an important part in ICANN's new gTLD program after it was designated as one of new gTLD emergency back-end registry operators (EBERO) in April 2013.



CNNIC as TMCH Agent in China

China Internet Network Information Center(中国互联网络信息中心)

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PHONE: +861058813401

SUPPORT LANGUAGES: English / Chinese, Simplified / Chinese, Traditional

China Internet Network Information Center is China's national Internet network information center responsible for operation, administration and services of fundamental Internet resources. CNNIC undertakes R&D and security work, conducts research on Internet development; it is also a platform for open internet cooperation and technical exchange.



CLEARINGHOUSE



CNNIC's Internet Governance Research Centre

Institute of Internet Governance Research (IGR)

- The goal of IGR is to become an international level think tank, to support the public, Internet industry, education organizations and the government.
- The task of IGR is simple and focused---exploring a way of development and collaboration in this fast changing and revolutionary (high-technology) world. We need to survive and keep growing!

The new role of CNNIC-----A “small” hub linking China with the world.

- A national hub for new coming gTLDs in the Chinese market. We are always here to help!
- A local hub for ICANN to support local community with our experience, e.g., EBERO, Data Escrow, TMCH agent etc..
- A hub of collaboration by sharing research results, market, technology, registrar channels and public relations with our regional neighbors
- A national and regional hub of Internet Governance research, exploring more opportunities and avoiding risks in such fast changing world.



Thank you!

26 March 2014

