

A green triangle pointing to the right, positioned to the left of the main title.

Keeping .CN Secure

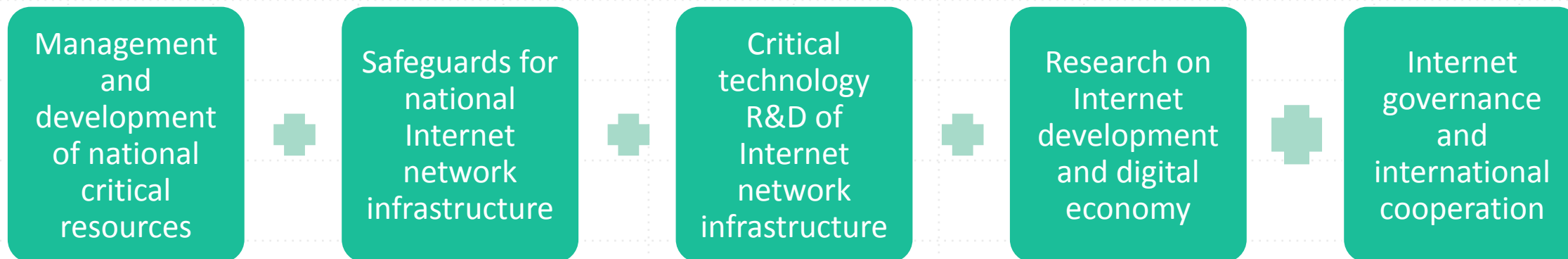
COMBATting DNS ABUSE

Antonia Chu

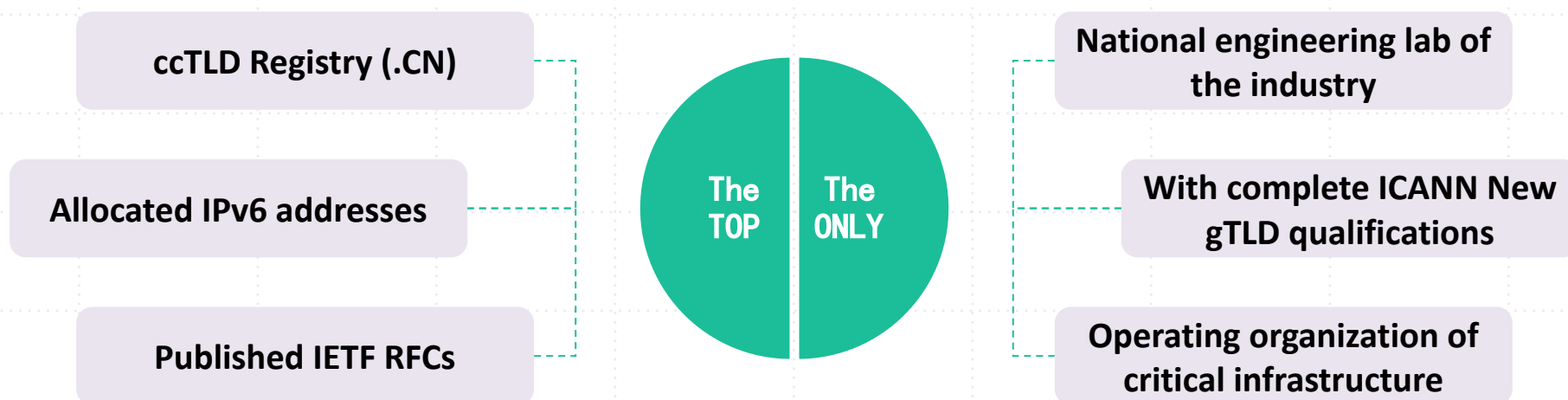
Institute of Policy and International Cooperation

Who we are

Established in June 1997 as an important constructor, operator and administrator of critical infrastructure in China Internet.



Who we are



Registry Operator for .CN

20.8M

Domains under
management by 2024

84

Certificated
registrars

16

Service coverage for
countries and regions

A Comprehensive Domain Technology System

First-class global service platform

With 42 nodes in national top-level domain

Domain name and IP address operation management platform

Domain emergency security protection platform

Internet monitoring and data analysis platform

With self-developed domain products (resolution, recovery, etc.)



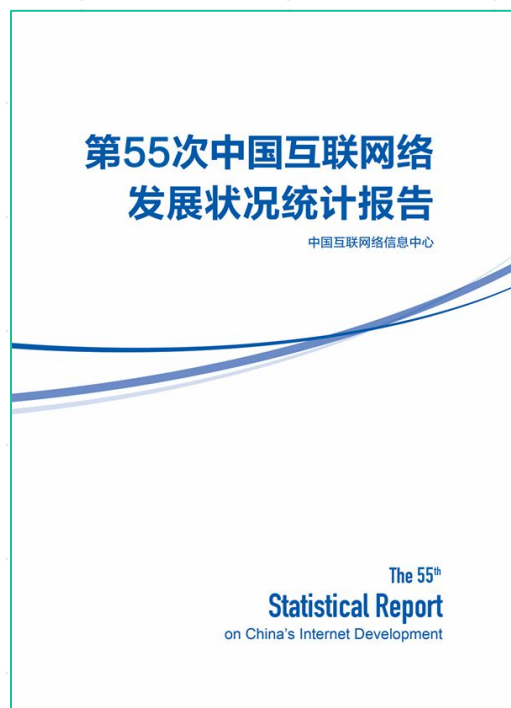
Technical Standards and Innovations

CNNIC has taken active participation in 16 published IETF RFCs.



CNNIC has led 89 national & industry standards over the years.

Industry Research and Study



From 1997, CNNIC has been publishing the most authoritative Internet industry reports, the **Statistical Report on China's Internet Development**



Data from the report are widely used or quoted in major media and international organizations including ITU, World Bank.

International Cooperation



Continuous and active participation in major Internet organizations, global and regional Internet governance platforms.

Domain Security and Anti-phishing



CNNIC is one of the founding member of Anti-Phishing Alliance of China (APAC)



CNNIC has taken mitigating actions on over 450 thousand phishing websites.

CNNIC supports local government to improve anti-fraud technology on domains, websites, IP, etc.

Online Phishing – Our Observation



Over 50% phishing emails are coming from outside the country



The education industry is most-attacked among others (44-60%)



The number of AI generated phishing emails increased tremendously

Online Phishing – Our Observation

Main Carriers

Attachments

Links

QR codes

Major Channels

Emails

Social network
apps/platforms

Voice call & SMS

Public Internet Anti-phishing Working Group



Established in 2024

WG Members

Domain Ry&Rr, Email provider, financial institution, ISP, college & research institute, Internet company, etc.

WG Mechanism

Information sharing + Coordinated actions

Key Technologies

AI analysis model, dynamic IP monitoring, graph analysis, etc.

Abuse Reporting Mechanism



Thank you for listening

Antonia Chu

Email: chunan@cnnic.cn

Website: www.cnnic.cn