



CNNIC UPDATE

Zhen Yu

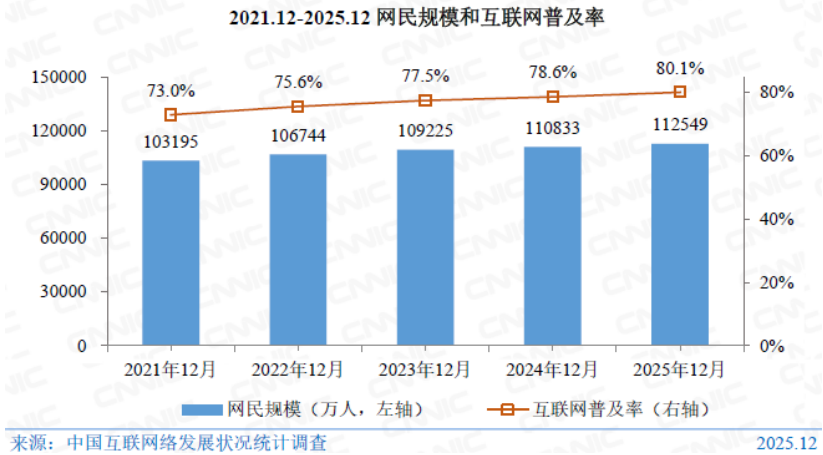
NIR SIG, APNIC 62



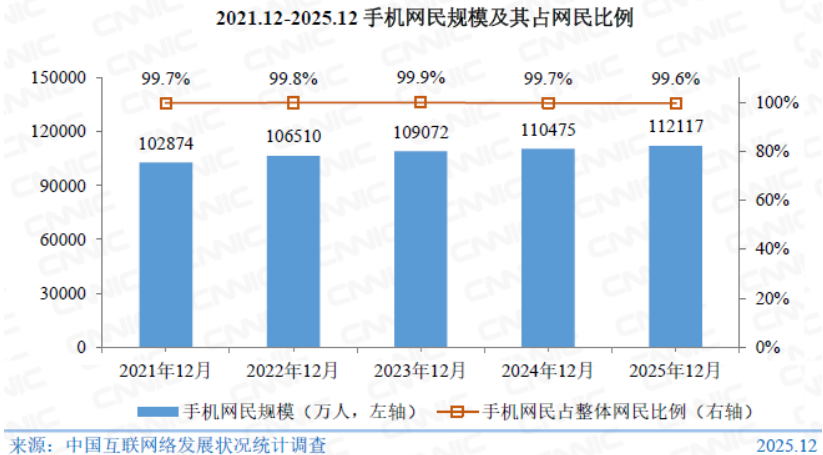
Internet development in China
Membership
IP/AS allocation
RPKI Promotion
Training program
IPv6 Deployment in China



■2026.2 《The 57th Statistical Report on China's Internet Development》by CNNIC



■Internet users 1,125 million, Internet penetration rate 80.1%

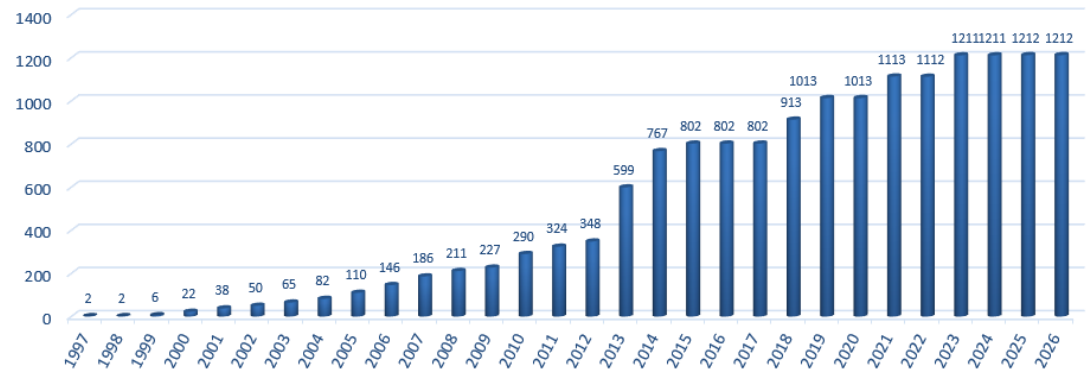
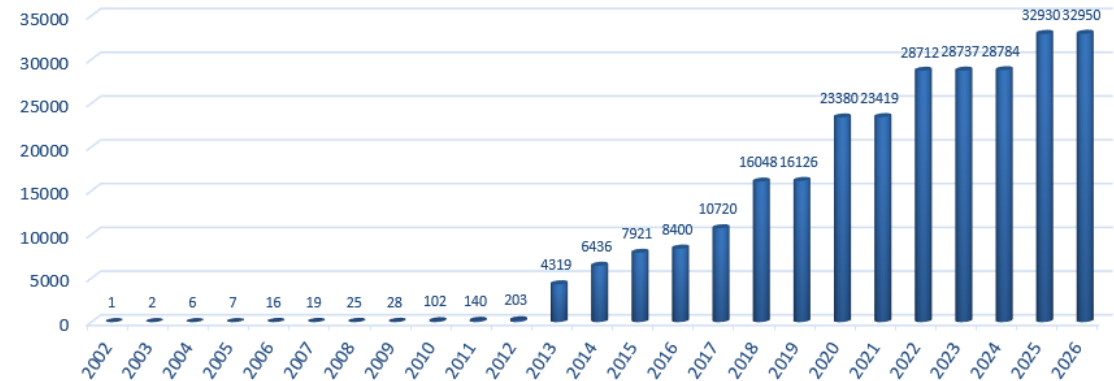
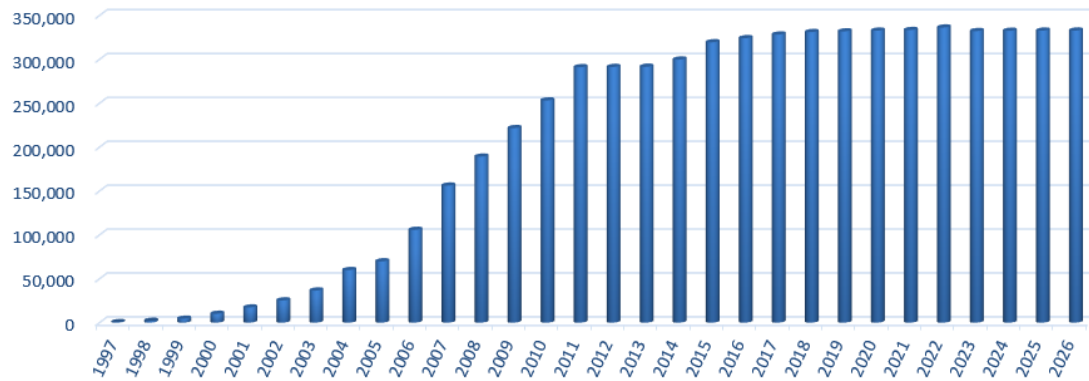


■Mobile Internet users 1,121 million, 99.6% of the total Internet users

- 1,000 IP members, by the end of August 2026
- Cover industries: ISP, IDC, ICP, cloud computing, energy, manufacturing, finance, government, education, etc

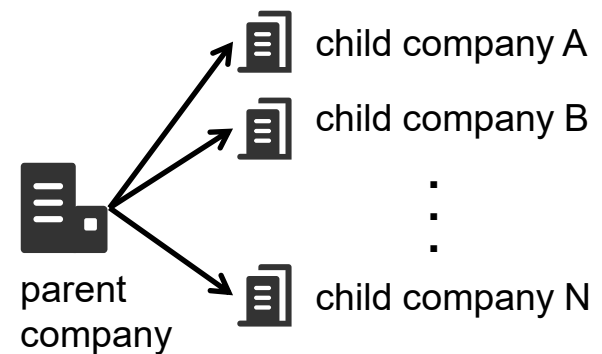
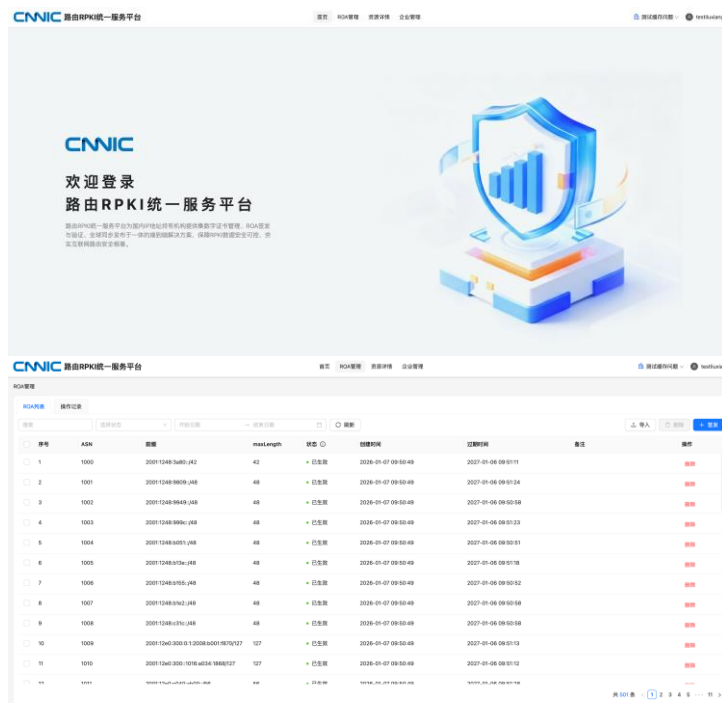
- CNNIC has allocated 332,799 /24s IPv4 addresses, 32,950 /32s IPv6 blocks and 1,212 AS numbers

332,799 /24



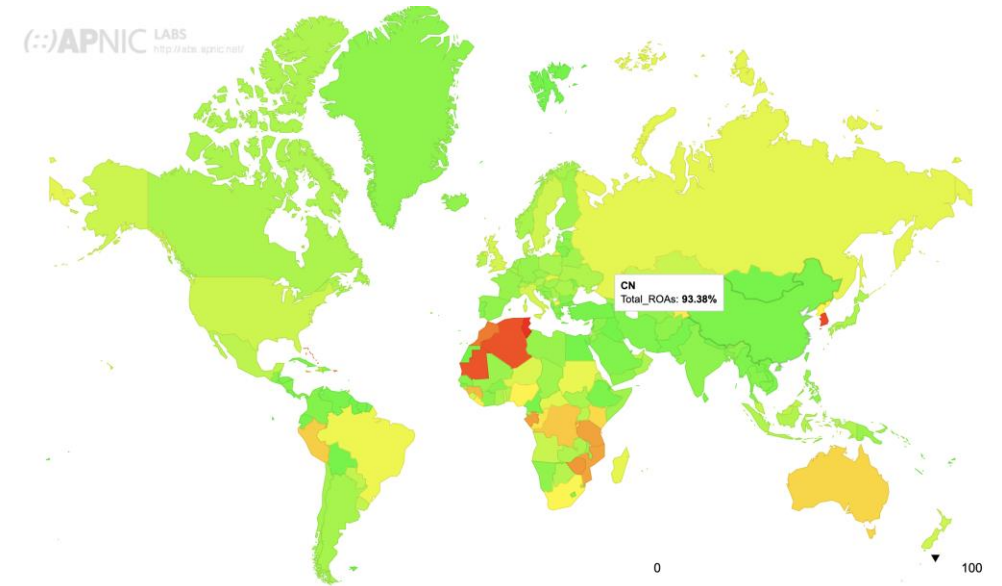
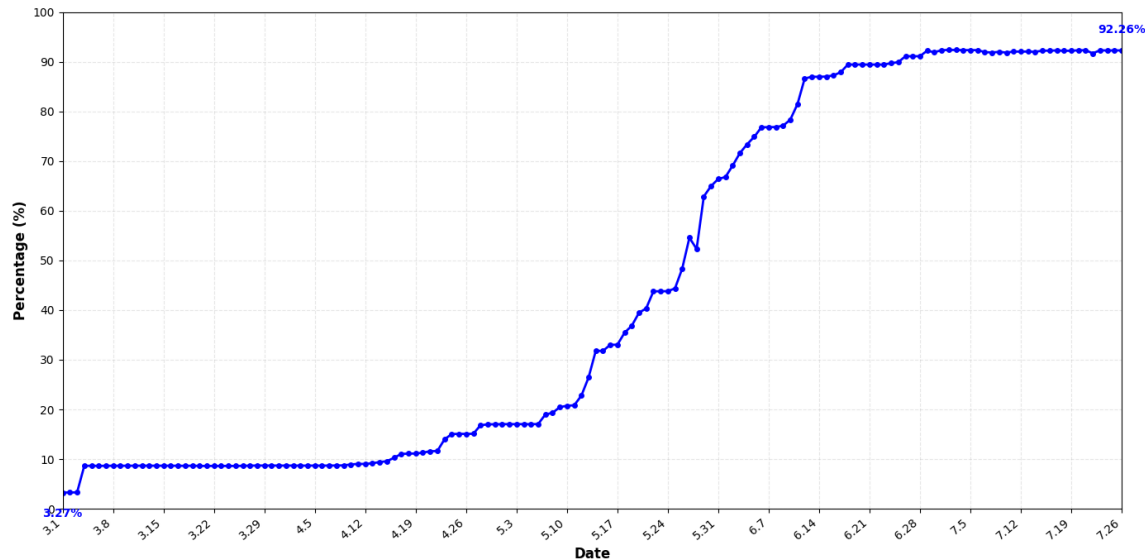
■ Build Unified RPKI Service Platform

- Support ROA issuance, monitoring and status management
- Three-Level Validation for ROA Creation
- Decentralized and Domain-Based Management in Enterprise Groups



■ Significant Increase in ROA Issuance Rate

- Overall ROA issuance rate has rapidly increased to 93.2%
- Unauthorized route origination has been effectively prevented



■ Route Origin Validation (ROV)

- Build Relying Party Infrastructure
- Conduct Pilot Deployment
- Strengthen Training and Capacity Building

■ ASPA

- ◆ Unified RPKI Service Platform will provide ASPA support soon

◆ Support Extension Object Types

- ◆ Mapping Origin Authorizations (MOAs)

■ Training in 2026

- 4.16, 4.29, 5.20 RPKI, 1000+trainees (online)
- 5.27, 6.23 RPKI, 150+trainees (onsite)
- 5.26-27 IPv6&RPKI, 200+ trainees (online)
- Onsite training plan in November

■ Training plan in 2027

- 2-3 sessions, online or onsite





- Active IPv6 users 869 million, accounting for 77.3%
- Active terminals 1874 million
- Mobile network IPv6 traffic beyond 70%, fixed network IPv6 traffic beyond 33%
- IDC 95.9%, CDN 94.4%, Cloud service 100%, DNS 100%
- Major portal websites IPv6 support rate beyond 86%(government, media, state-owned enterprises, finance and education)
- Top 100 APPs IPv6 support rate 99%



THANKS!

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