

# KRNIC UPDATE

**Sanghyun Kang**  
**Billy Mooho Cheon**

**Korea Network Information Center**

# Contents

1. IP/ASN Statistics

2. Activities



As of 2024, KRNIC has a total of 1,074 members

## < IP members >

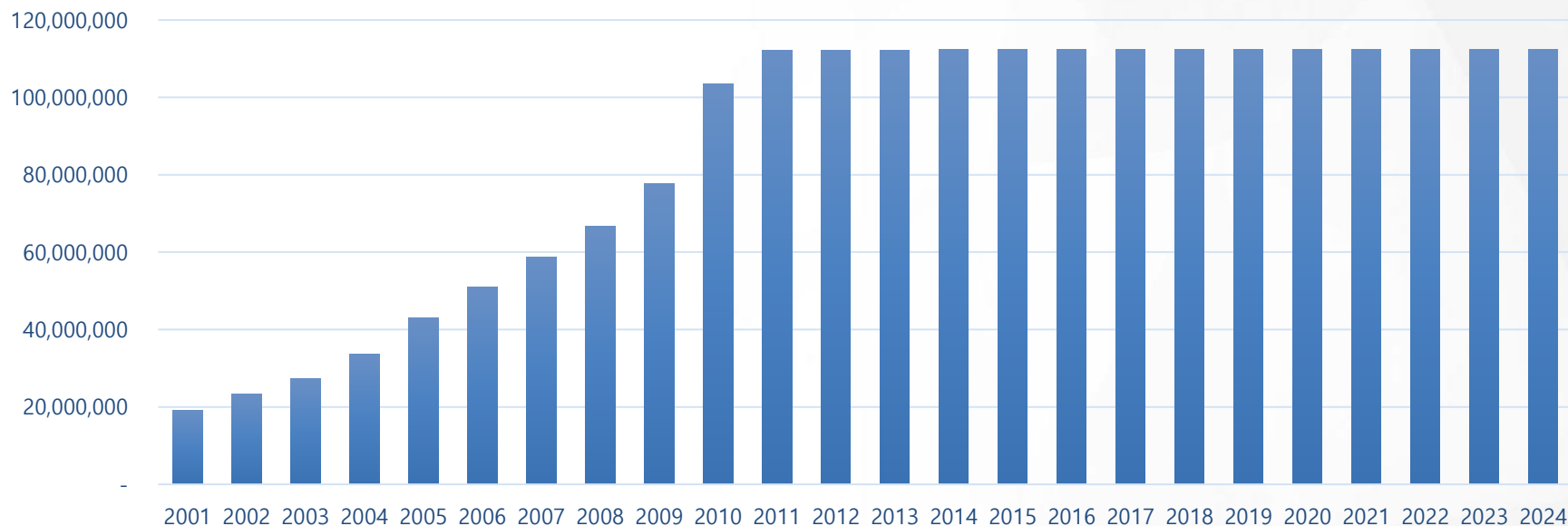
|                      | 2022 | 2023     | 2024     |
|----------------------|------|----------|----------|
| ISPs                 | 94   | 95 (+1)  | 94 (-1)  |
| Independent IP Users | 208  | 213 (+5) | 211 (-2) |
| Total                | 302  | 308 (+6) | 305 (-3) |

## < AS members >

|           | 2022 | 2023      | 2024     |
|-----------|------|-----------|----------|
| ASN Users | 733  | 760 (+27) | 769 (+9) |

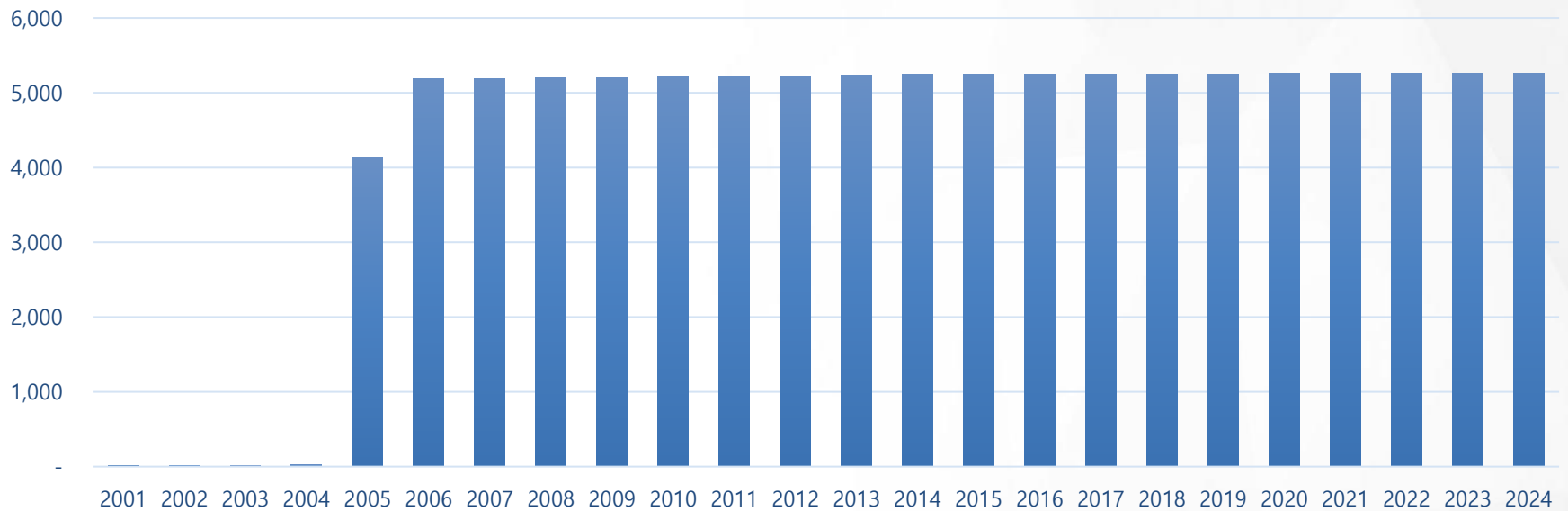
■ **KRNIC has allocated 112,414,720 IPv4 addresses**

|      | 2022        | 2023                    | 2024                    |
|------|-------------|-------------------------|-------------------------|
| IPv4 | 112,417,280 | 112,420,864<br>(+3,584) | 112,414,720<br>(-6,144) |



■ KRNIC has allocated 5,259 /32s IPv6 addresses

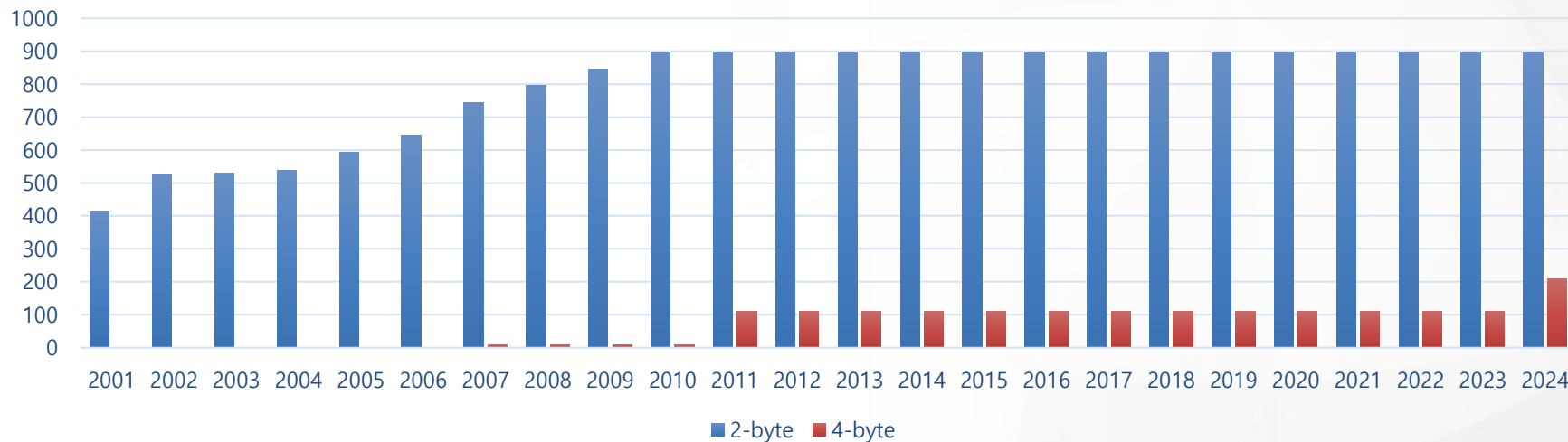
|      | 2022  | 2023       | 2024      |
|------|-------|------------|-----------|
| IPv6 | 5,257 | 5,259 (+2) | 5,259 (-) |



## KRNIC holds 1,105 ASNs

- 2-byte ASNs : 895(834 assigned), 4-byte ASNs : 210(122 assigned)

|            | 2022      | 2023      | 2024      |
|------------|-----------|-----------|-----------|
| 2-byte ASN | 895 (833) | 895 (835) | 895 (834) |
| 4-byte ASN | 110 (74)  | 110 (103) | 210 (122) |



# Contents

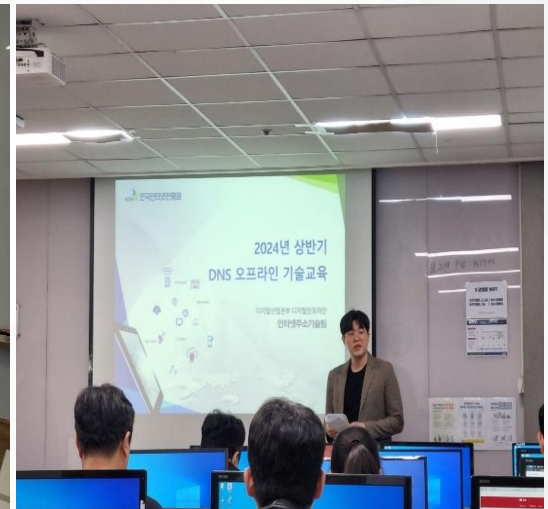
1. IP/ASN Statistics

2. Activities



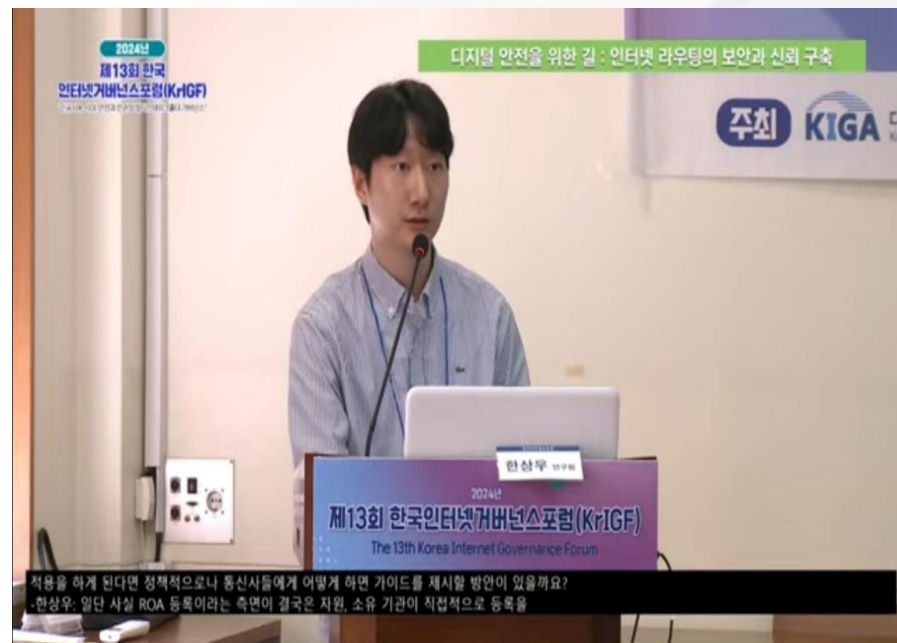
## KRNIC Tech Seminar

- '24. 3. 15. DNS, WHOIS OpenAPI - 63 (online)
- '24. 4. 18. ~ 19. DNS – 27 (on-site)
- '24. 5. 24. DNS, WHOIS OpenAPI – 69 (online)
- '24. 6. 14. DNSSEC – 40 (online)
- '24. 9. 20. BGP, RPKI – (scheduled, online)





- 32<sup>nd</sup> Korea Internet Conference (KRnet 2024)
  - DNS/BGP, Blockchain, Privacy Enhancing Technology(PET)
- 13<sup>th</sup> Korea Internet Governance Forum (KrIGF)
  - Routing Security



## 9<sup>th</sup> Asia Pacific Internet Governance Academy (APIGA 2024)

- A capacity-development program on IG targeted at youths
- 39 participants, 8~12 July (Mon.~Fri.) @ Busan, South Korea



# Activities

## Globalization of APIGA

- 300+ APIGA alumni, 10<sup>th</sup> APIGA in 2025
- Globalization w like-minded organization

## Collaboration with NIRs

- Workshop with VNNIC, MoU with JPNIC

## 'Internet for All' w AP Community, 2025





# Thank you!

[hostmaster@nic.or.kr](mailto:hostmaster@nic.or.kr)