

KRNIC Update

September 2026

Korea Internet & Security Agency (KISA)
Korea Network Information Center (KRNIC)

Billy Mooho CHEON
Jonghwa HAN

CONTENTS

- | Internet Number Resources Statistics
- || Key Activities and Next Steps



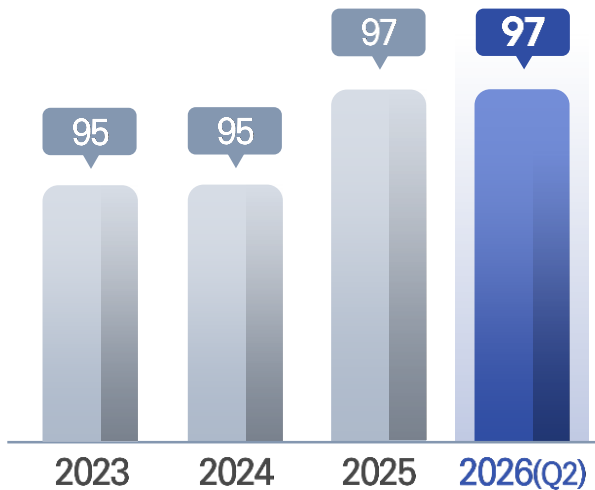
I

Internet Number Resources Statistics

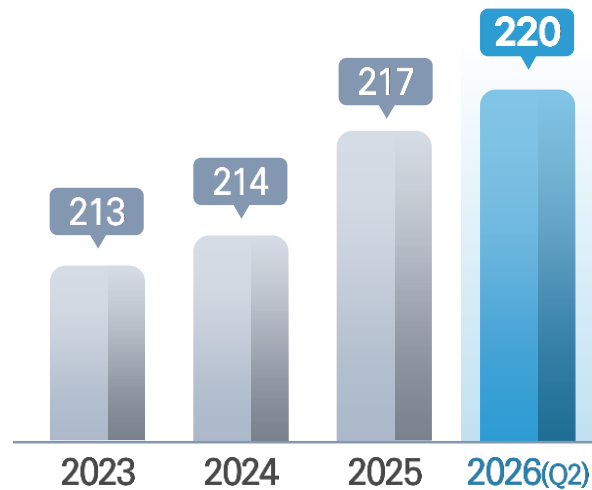
1 Statistics on KRNIC Members.

Members

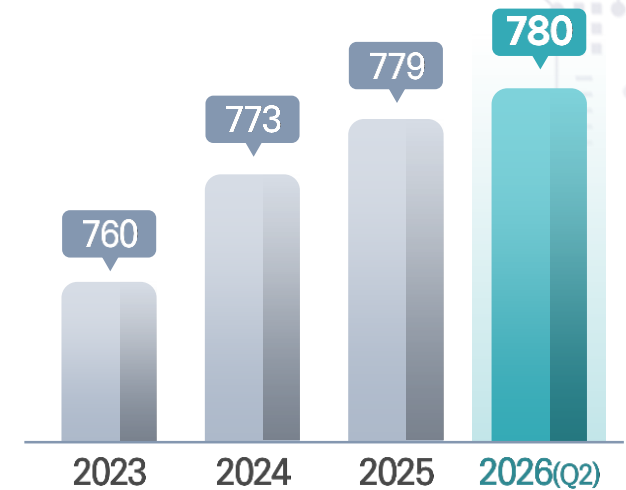
Internet Registries(ISP)



Direct Assignment Users

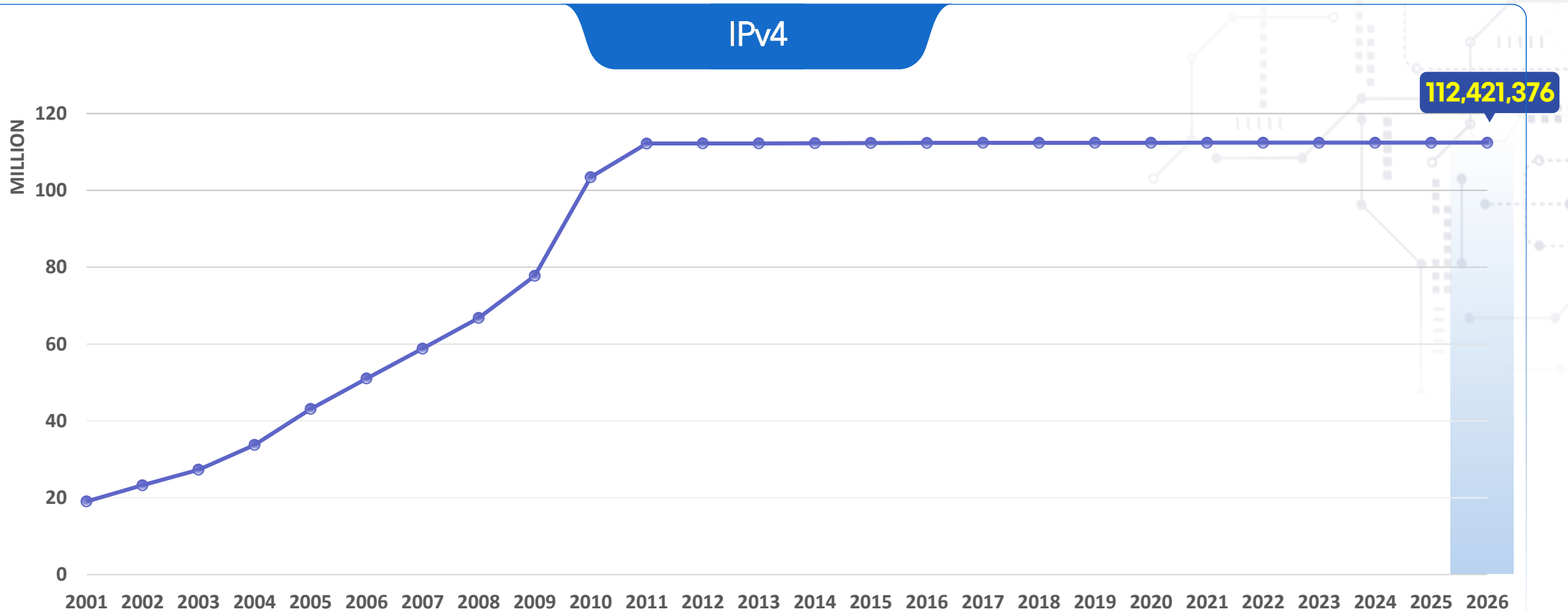


ASN Users



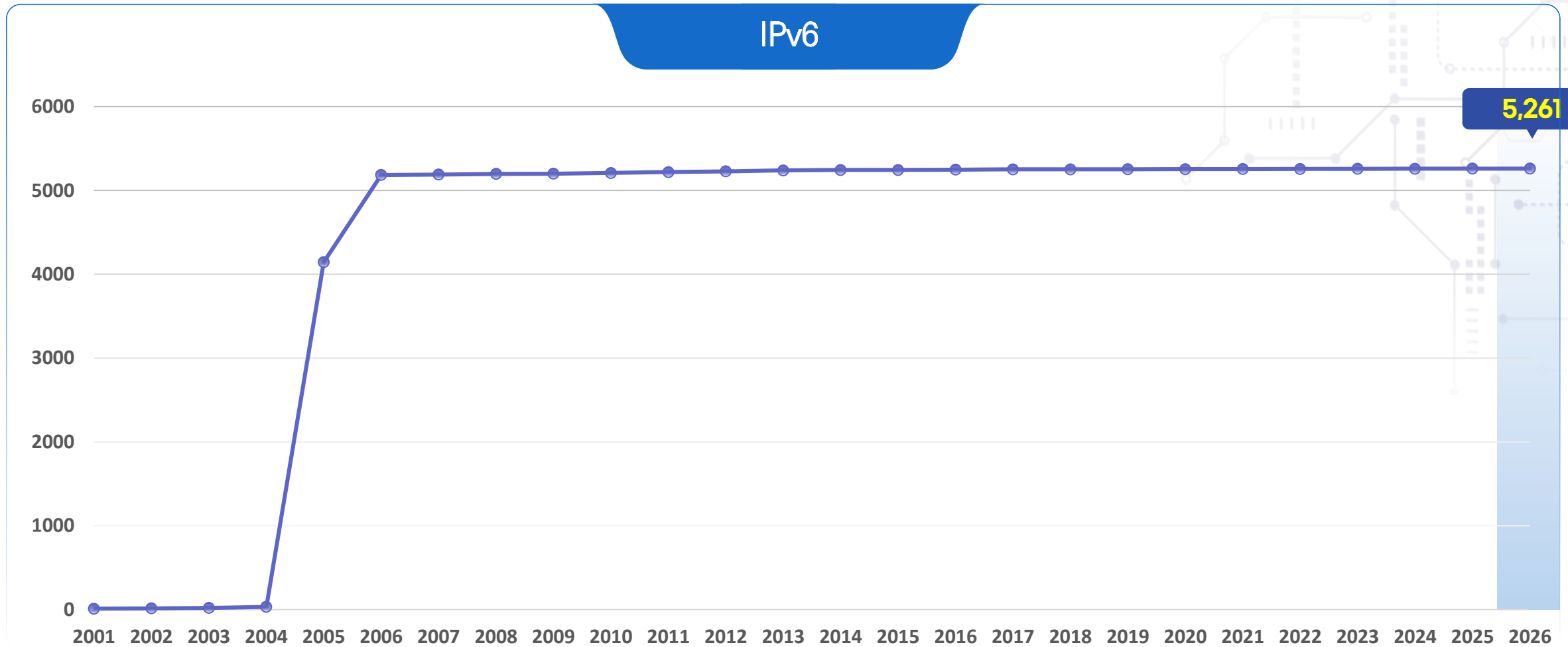
As of end of H1 2026, KRNIC has a total **1,097** members.

2 Statistics on IPv4 Allocations



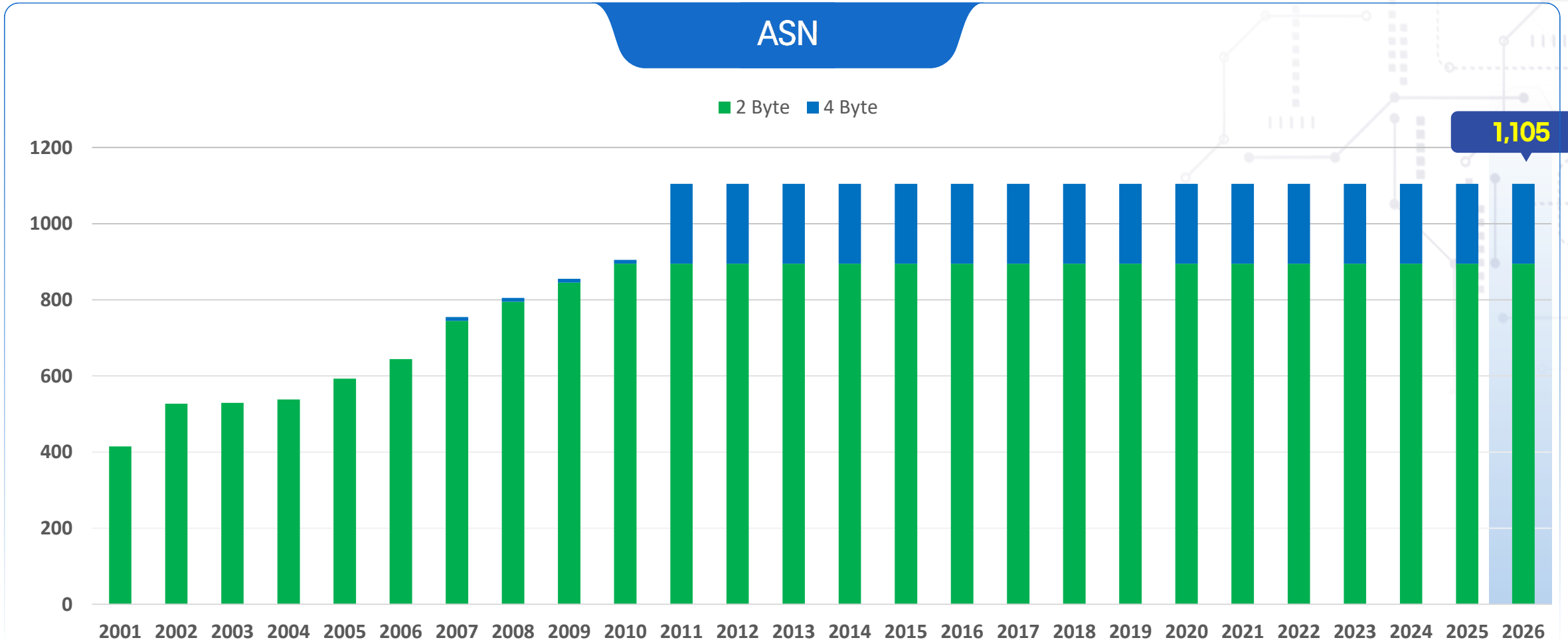
As of end of H1 2026, KRNIC has allocated **112,421,376** IPv4 addresses.

3 Statistics on IPv6 Allocations



As of end of H1 2026, KRNIC has allocated **5,261** IPv6 addresses. (/32)

4 Statistics on ASN Allocations



As of end of H1 2026, KRNIC has allocated **1,105** ASNs. (2-byte: 895, 4-byte: 210)



II

Key Activities and Next Steps

1 APIGA 2026: 10th Anniversary

» Asia Pacific Internet Governance Academy, hosted by KISA with ICANN, APNIC and partners

Program Overview

- 20 ~ 24 July 2026, Grand Josun Hotel, Busan, Korea
- Co-host: KISA, ICANN
- Partners: APNIC, DotAsia, ISOC
- Participants: 38 youth from 15 economies
- Contents: ICANN Mock Conference, IP/Domain session, Policy making process, participation-focused activities.

10 years of APIGA

- From 2016 to 2026
- 397 alumni from 32 economies
- Active engagement in the IGF Community: ICANN, APNIC, ISOC, ITU, ..



APIGA: 10 years of growing Internet Governance leaders in the Asia Pacific

2 NIR Joint Workshop with TWNIC & JPNIC

» Regular bilateral cooperation between NIRs

KISA-TWNIC Workshop

- Date: 23 July 2026
- Venue: Grand Josun Hotel, Busan, Korea
- Session 1: Domain Policy
Session 2: IP Services(RPKI, Delegation)
Session 3: Cybersecurity(with KrCERT/CC)



KISA-JPNIC Workshop

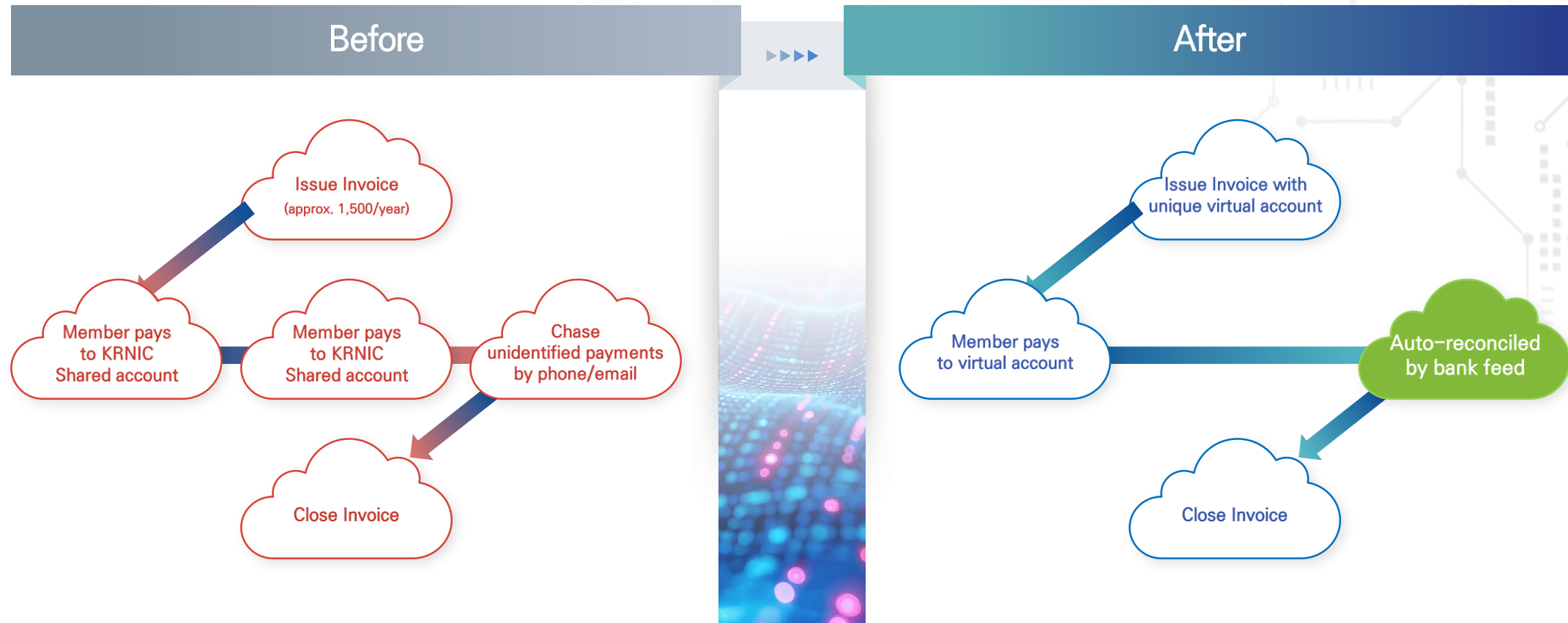
- Date: 3 September 2026
- Venue: JPNIC Office, Tokyo, Japan
- Session 1: Internet Governance & Policy
Session 2: Routing Security & BGP Monitoring, IRMS



NIR Workshops: Regular NIR-to-NIR exchange on policy and technical cooperation

3 Fee Collection Improvement: Virtual Account

» A dedicated bank account number issued per invoice, for automated payment reconciliation



Fee Collection: One account per invoice, ~90% less processing time

4 IRMS Redesign (New Resource Management System)

» Rebuilding KRNIC's internet resource management system (in development)

- 01 **UX** Redesigned member portal and application workflows (LIR application, transfers, reverse DNS) on modern web stack
- 02 **Integration** Delegations, ROAs and reverse DNS synchronized automatically with APNIC instead of manual double entry
- 03 **Routing Security** RPKI adoption dashboard, ROA expiry alerts, automatic ROA revocation on ASN transfer
- 04 **Security & Compliance** Two-factor authentication audit trail, data quality checks aligned with the APNIC delegation review

Status

- Development in progress
- NIR API Integration under verification with APNIC
- Target launch: Q1 2028
- Feedback welcome from NIRs with similar API experience

IRMS: Simpler for members, automatically in sync with APNIC

Q&A

