

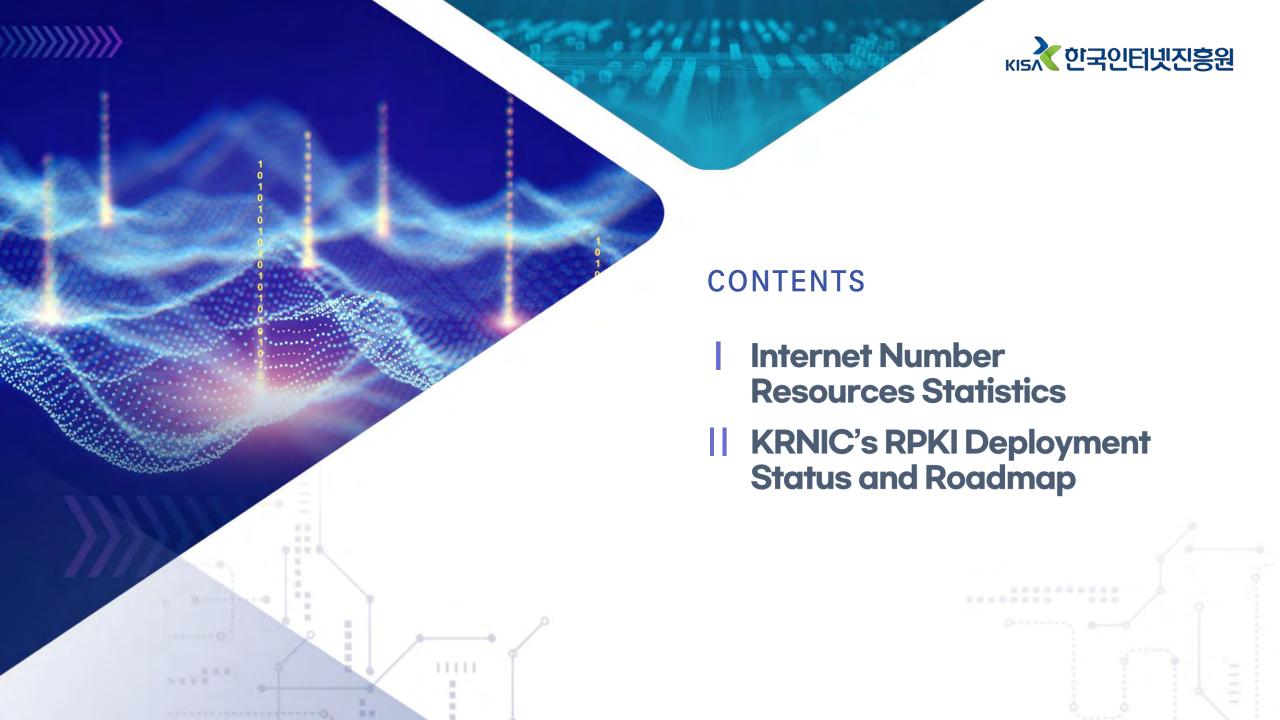


KRNIC Update

September 2025

Korea Network Information Center

Lee, Han Sang

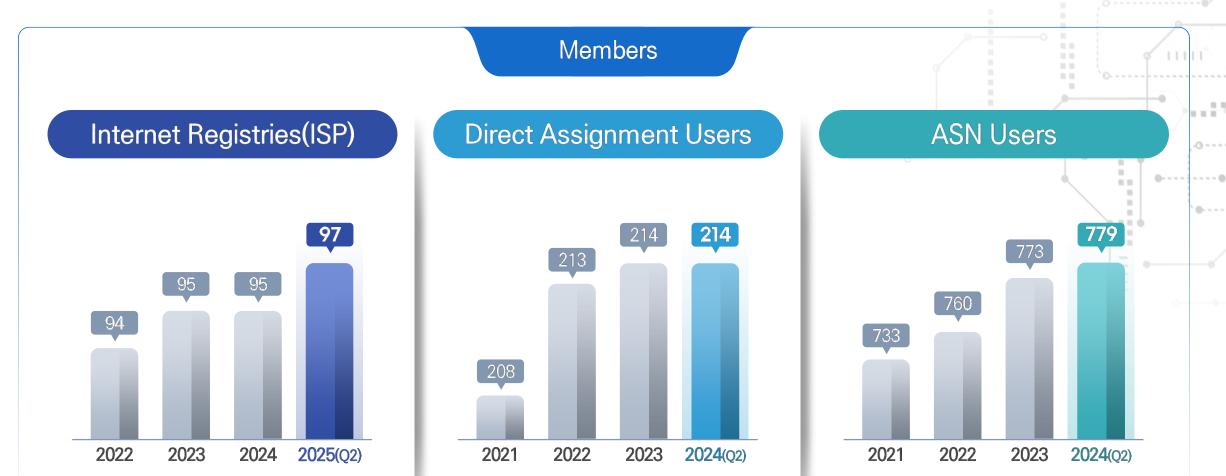




Internet Number Resources Statistics



I Statistics on KRNIC Members.



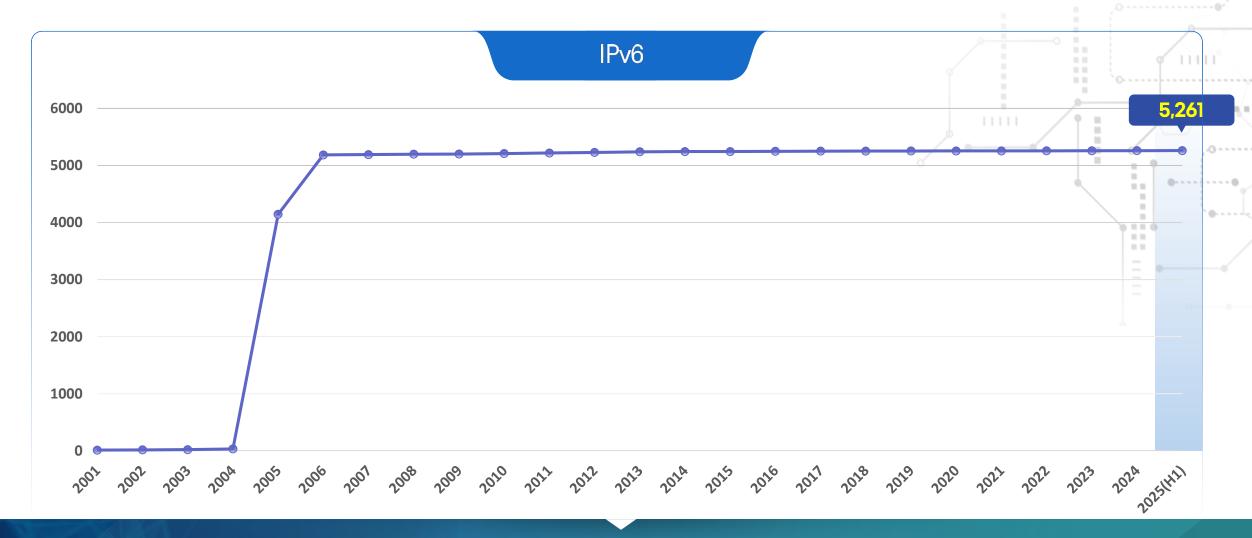
As of Q2 2025, KRNIC has a total 1,090 members.

I Statistics on IPv4 Allocations



As of Q2 2025, KRNIC has allocated 112,418,304 IPv4 addresses.

I Statistics on IPv6 Allocations



As of Q2 2025, KRNIC has allocated 5,261 IPv6 addresses. (/32)

Statistics on ASN Allocations



As of Q2 2025, KRNIC has allocated 1,105 ASNs. (2-byte: 895, 4-byte: 210)



KRNIC's RPKI Deployment Status and Roadmap

I Number of ROA-Registered IPv4 in Korea



Korea's ROA-Registered Count is very low (2%)



II KRINC's RPKI Deployment Roadmap

Step 1 (2026)

Step 2 (2027)

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Step 3 (2028~)

Preparation & Foundation

Pilot & **Implementation**

Expansion & Global Collaboration



Establishment & Preparation

Development & Pilot Operation

Expansion & Advancement



ISMP for RPKI System

Mgmt & Operation Pilot RPKI System

Wider Adoption for Service Providers



Promotion with Large ISPs

Expansion to SMEs & Cooperation

Global Collaboration

