

KRNIC Update



Feb. 26, 2019

KISA



Contents

I Statistics

II Activities and plans

Members

ISPs, Independent IP users & ASN users

< IP members >

	2016	2017	2018
ISPs	94	94	96 (+2)
Independent IP users	163	168	175 (+7)
Total	257	262	271 (+9)

< AS members >

	2016	2017	2018
ASN users (including members with IP)	681	684	680 (-4)

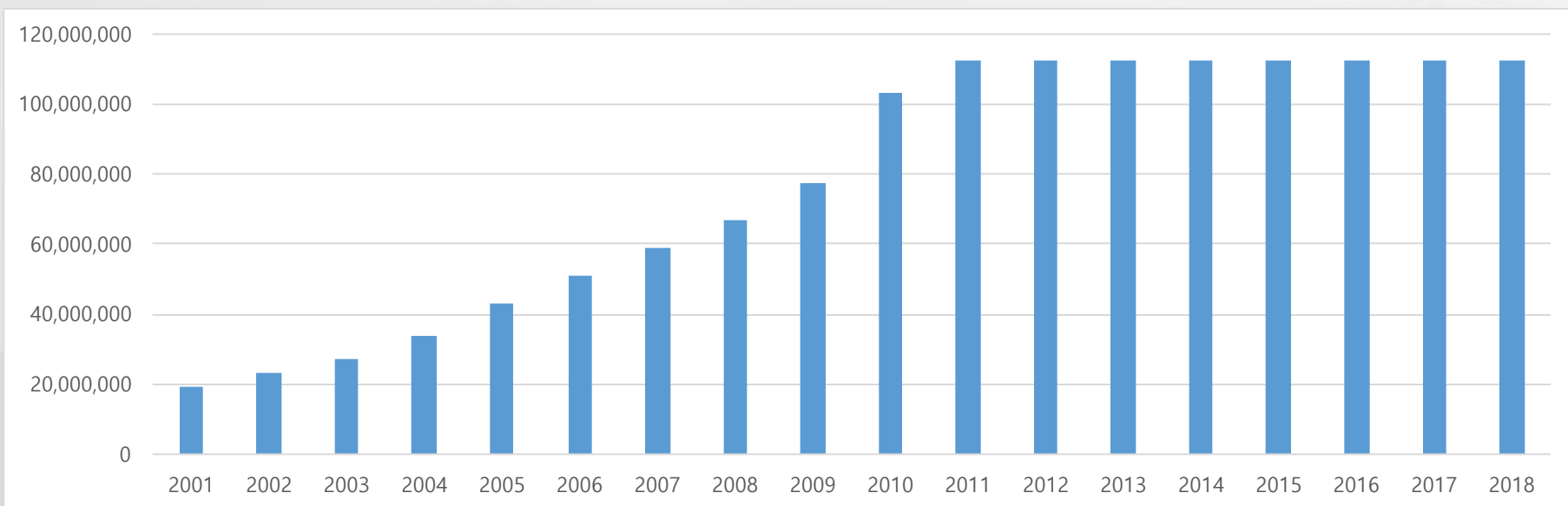
* Users with only ASN in 2018 : 424

IPv4

■ As of 2018, KRNIC holds 112,397,056 of IPv4

– 11,520 IPv4 allocated from APNIC in 2018

	2016	2017	2018
IPv4	112,378,112	112,385,536	112,397,056 (+11,520)

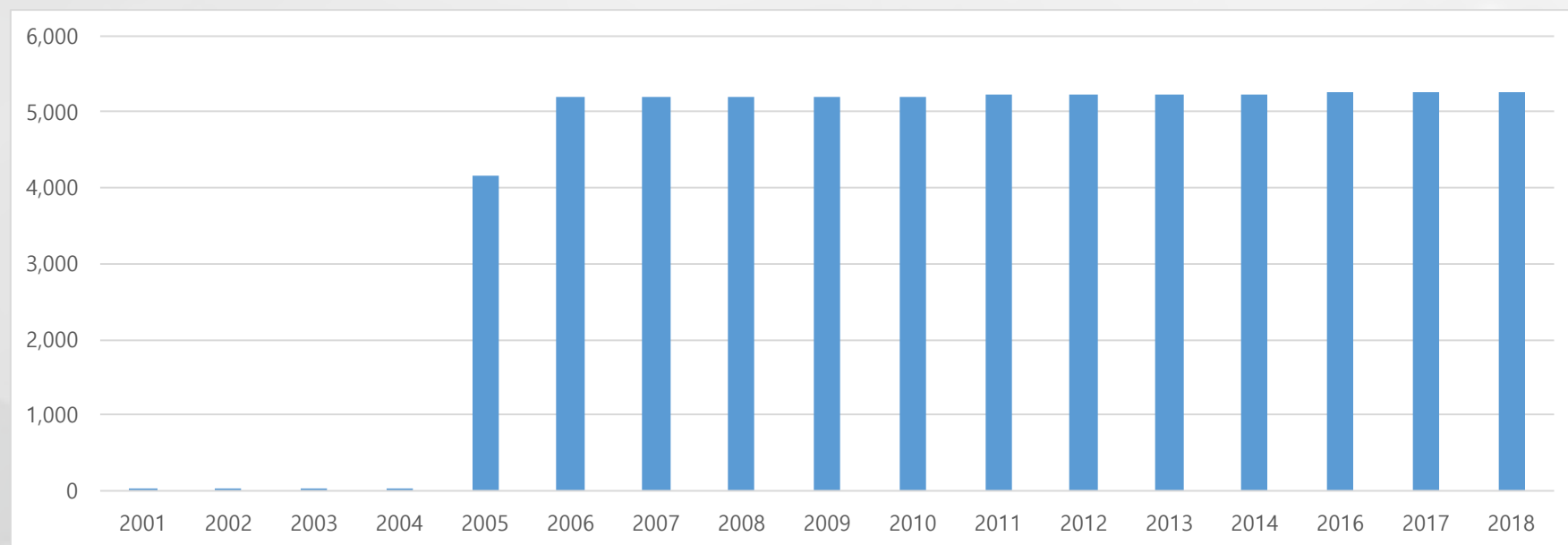


IPv6

As of 2018, KRNIC holds 5,253(/32) of IPv6

– 1(/32) IPv6 allocated from APNIC in 2018

	2016	2017	2018
IPv6(/32)	5,252	5,252	5,253 (+1)

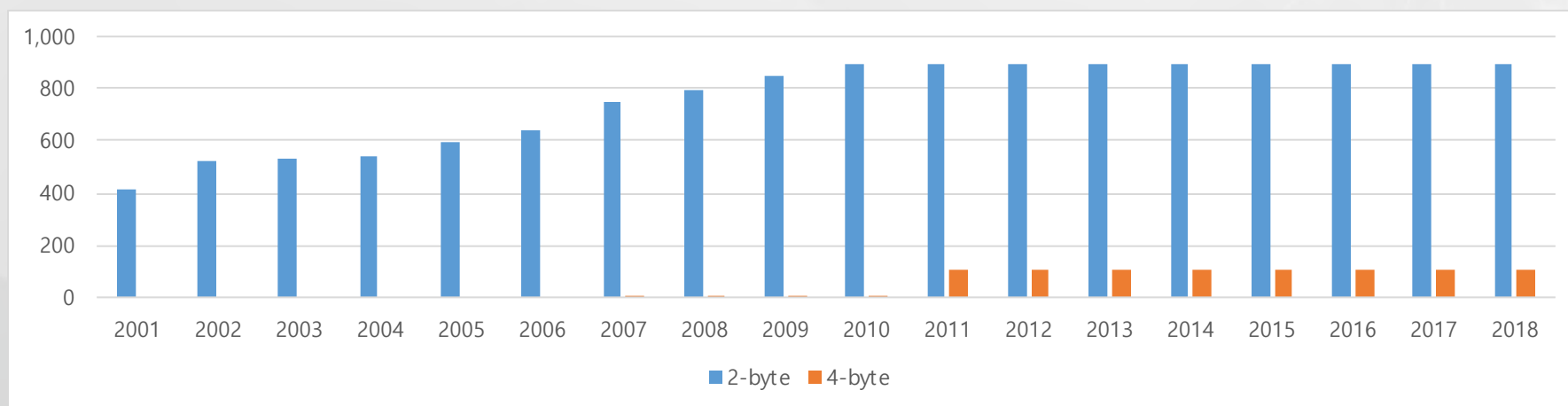


ASN

As of 2018, KRNIC holds 1,005 ASNs

- 2-byte ASNs : 895(801 assigned), 4-byte ASNs : 110(3 assigned)

	2016	2017	2018
2-byte ASN	895 (806)	895 (809)	895 (805)
4-byte ASN	110 (-)	110 (-)	110 (4)





Contents

I Statistics

II Activities and Plans

WHOIS information update

- WHOIS information check, once a month
- WHOIS information is updated monthly since 2017

Preparation for RDAP Deployment

- Internal testing in 4th quarter of 2018
- Trial service in 4th quarter of 2019

Transfer of Internet address management system

- Seoul → Naju in the end of 2019

Private-Public Joint Project

- To develop IPv6 based commercial services
- Network configuration, IPv6 address allocation, CPE F/W upgrade, etc.
- IPv6 based Wi-Fi & leased line in about 320,000 households

IPv6 consulting in public sectors

- Diagnose whether system supports IPv6
- IPv6 demonstration and verification in hot spot
- Establish a master plan for IPv6 adoption

Thank you!

hostmaster@nic.or.kr

