

KRNIC Update



Sept. 10, 2019

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I Statistics

II Activities

[Statistics] KRNIC Members

Composed of ISPs, Independent IP users & ASN users

< IP members >

	2017	2018	2019.6
ISPs	94	96	96 (-)
Independent IP Users	168	175	181 (+6)
Total	262	271	277 (+6)

< AS members >

	2017	2018	2019.6
ASN Users	684	680	693 (+13)

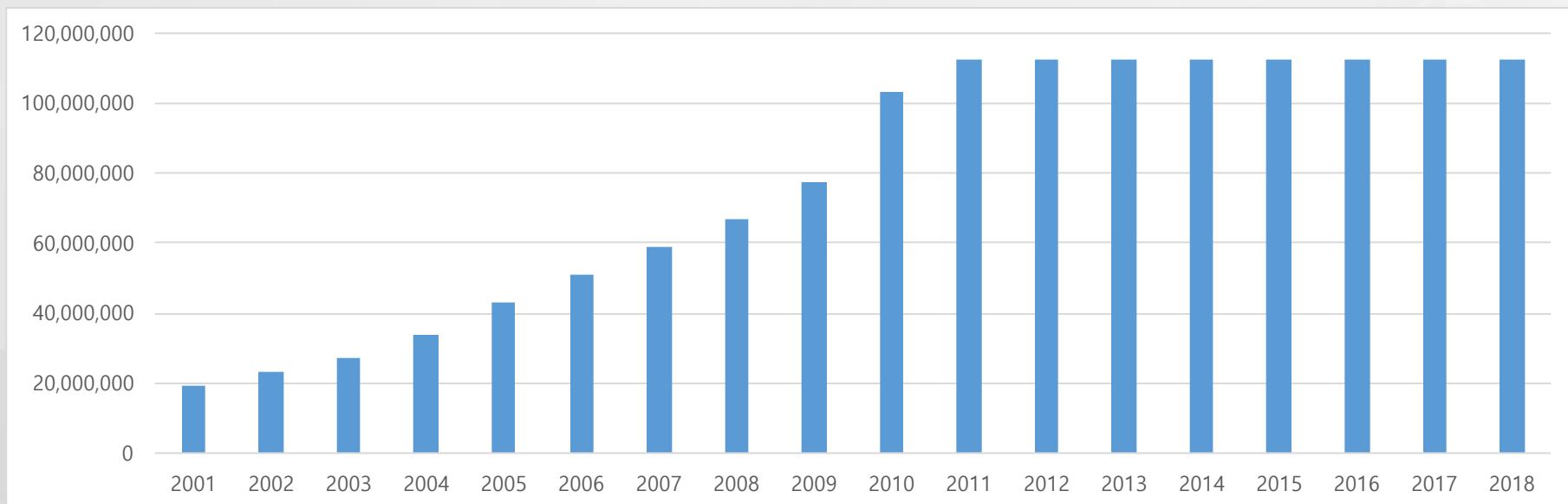
* Users Allocated only ASN : 435

[Statistics] IPv4

As of Jun. 30, 2019, KRNIC holds 112,404,224 of IPv4

- 7,168 IPs(IPv4) allocated from APNIC in 2019

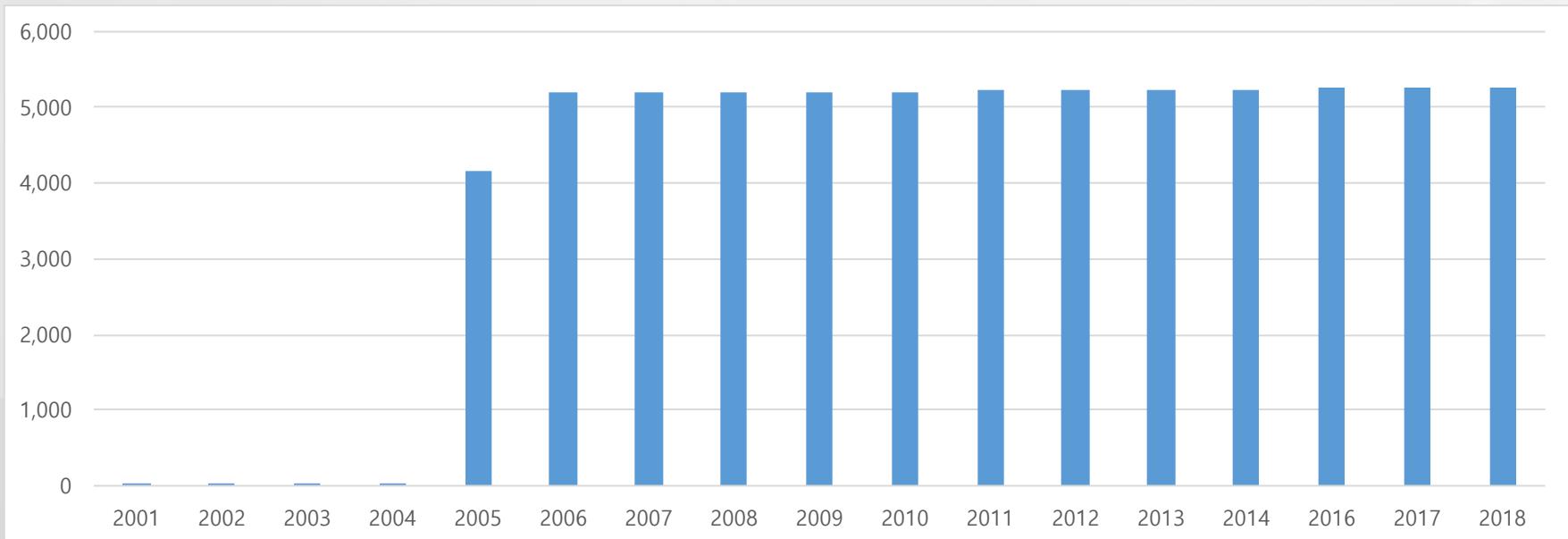
	2017	2018	2019.6
IPv4	112,385,536	112,397,056	112,404,224 (+7,168)



[Statistics] IPv6

As of Jun. 30, 2019, KRNIC holds 5,253(/32) of IPv6

	2017	2018	2019.6
IPv6(/32)	5,252	5,253	5,253 (-)

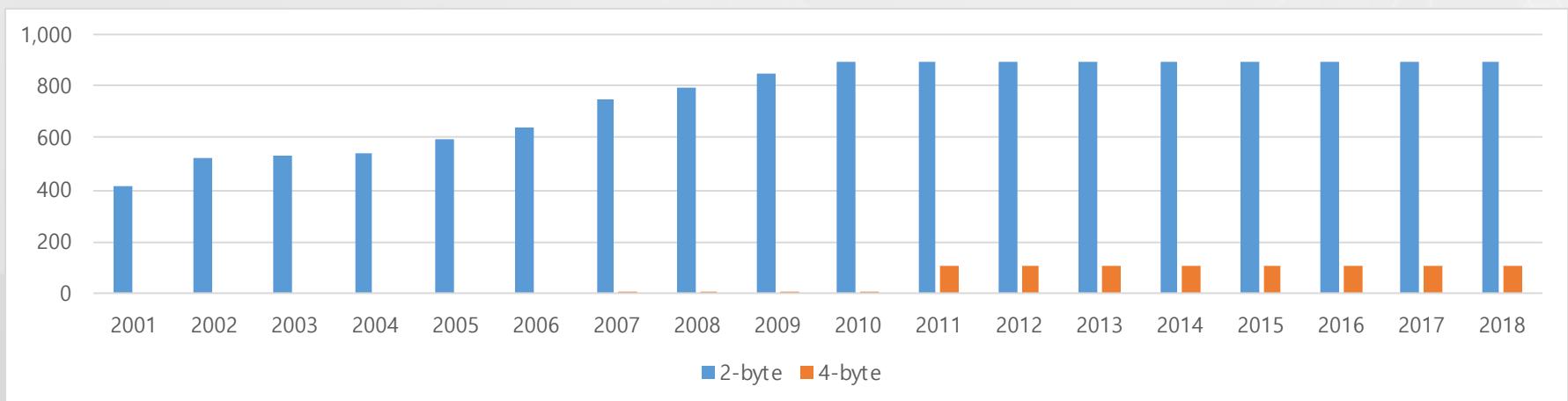


[Statistics] ASN

As of Jun. 30, 2019, KRNIC holds 1,005 ASNs

- 2-byte ASNs : 895(823 assigned), 4-byte ASNs : 110(4 assigned)

	2017	2018	2019.6
2-byte ASN	895 (809)	895 (805)	895 (823)
4-byte ASN	110 (-)	110 (4)	110 (4)



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[Activities]

Transfer of Internet address management system

- Seoul → Naju (4th quarter of 2019)

NIR-API testing between APNIC and KISA (Aug. 2019)

- Exchanged more than 20 emails with APNIC technical team
- Reported APNIC API errors* in testing

* Database connection, Backend synchronization issues

[Activities]

■ Asia Pacific Internet Governance Academy (2019 APIGA)

- 2019. 8. 12~16, Seoul (Co-hosts : KISA, ICANN)

■ MoU Signed with VNNIC (Aug. 2019)

- KISA - VNNIC strengthen cooperation in Internet resources management and critical information infrastructures security

■ Attended VNIXNOG (Aug. 2019)

- Keynote speech : 4th Industrial revolution and KISA (Seok-hwan Kim, President of KISA)
- Presentation : Cyber Resilience Strategy for .kr DNS (Joonhyung Lim, Manager of KRNIC tech team)

Internet On, Security In!

Thank you!

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