

KRNIC Update

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[Statistics] KRNIC Members

Composed of ISPs, Independent IP users & ASN users

< IP members >

	2019	2020	2021
ISPs	96	96	94 (-2)
Independent IP Users	185	190	193 (+3)
Total	281	286	287 (+1)

< AS members >

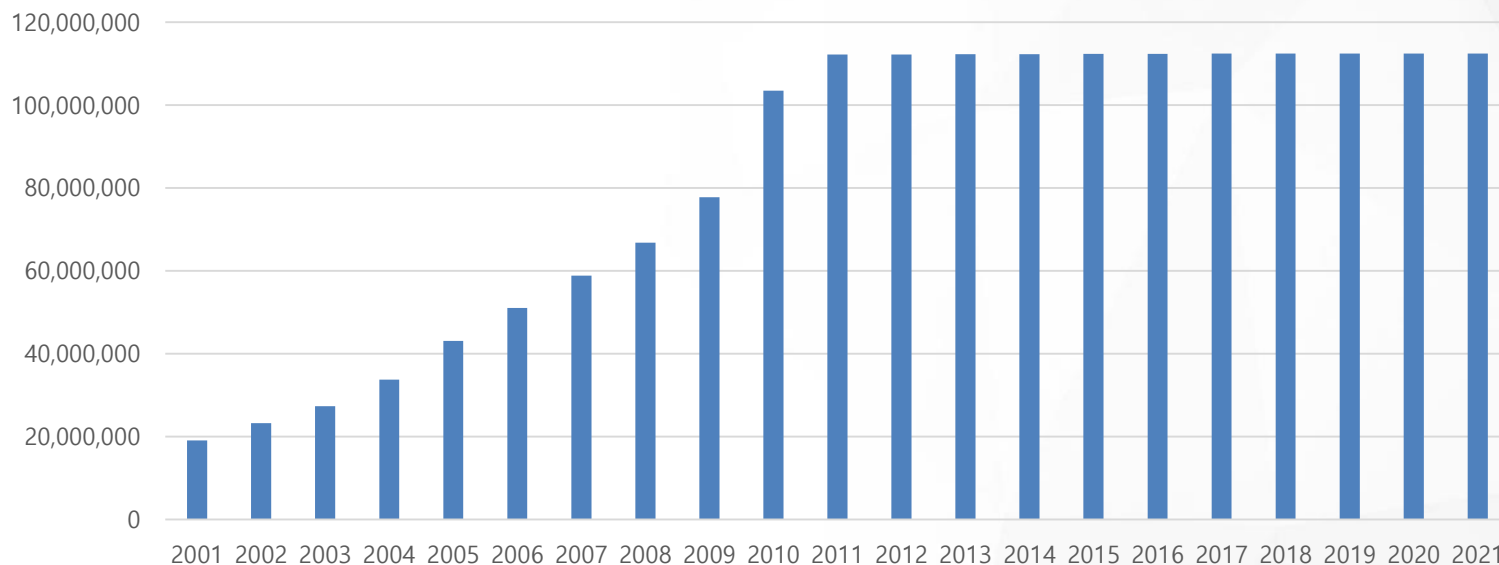
	2019	2020	2021
ASN Users	697	704	697 (-7)

* Users Allocated only ASN(2020) : 441

■ As of 2021, KRNIC holds 112,409,600 of IPv4

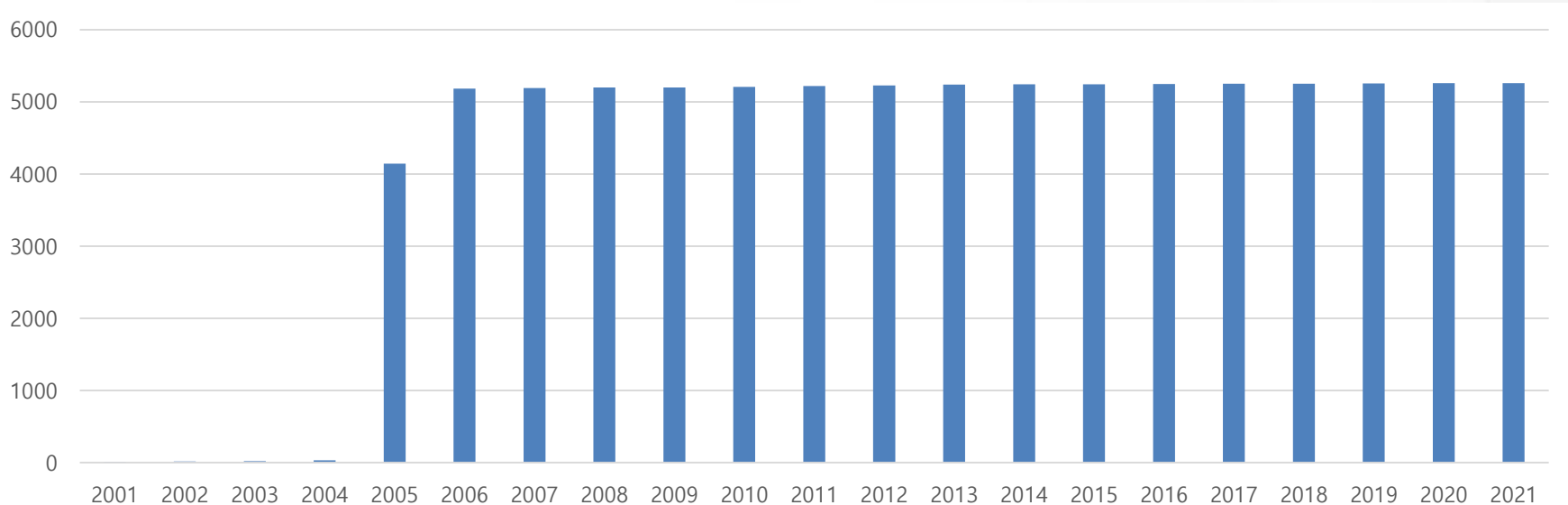
– 4,352 IPs(IPv4) allocated from APNIC in 2020

	2019	2020	2021
IPv4	112,407,296	112,408,576	112,409,600(+1,024)



- As of 2021, KRNIC holds 5,260(/32) of IPv6
 - 1(/32) block(IPv6) allocated from APNIC in 2020

	2019	2020	2021
IPv6(/32)	5,259 (+2)	5,260 (+1)	5,260 (0)



Current status of IPv6 members

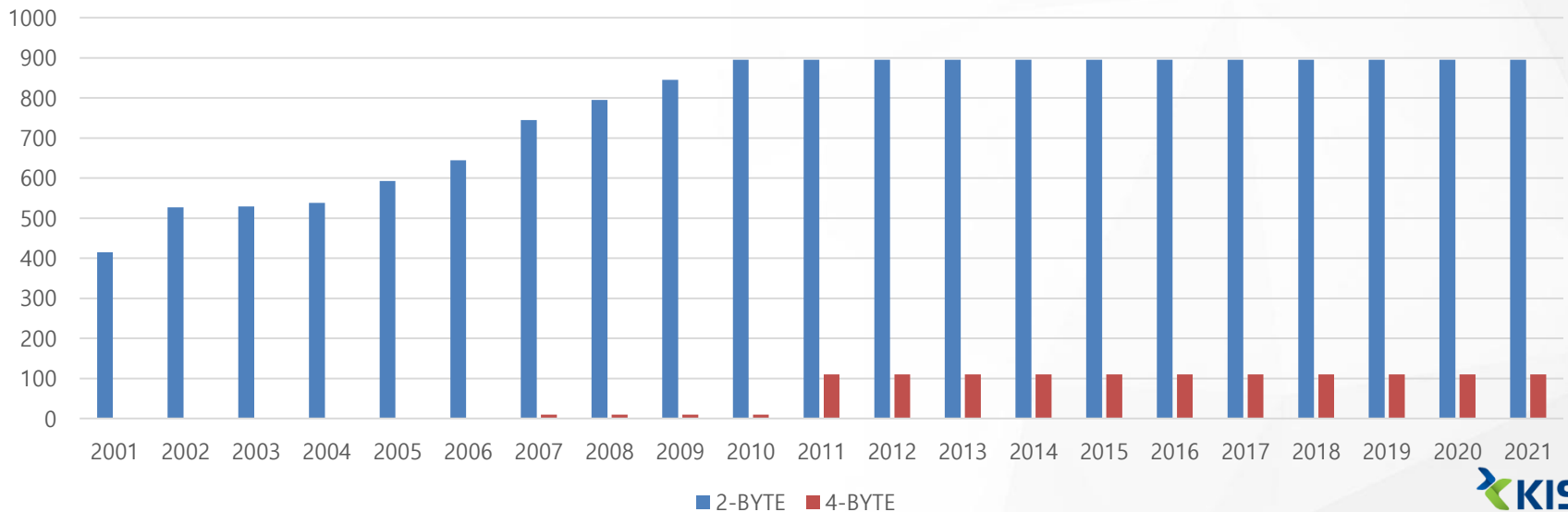
- 72 out of 287 domestic IP members allocated IPv6 addresses

	2019	2020	2021
ISPs	96 (57)	96(57)	94(56)
Independent IP Users	175 (14)	190(16)	193(16)
Total	271 (72)	286(73)	287(72)

As of 2021, KRNIC holds 1,005 ASNs

- 2-byte ASNs : 895(843 assigned), 4-byte ASNs : 110(11 assigned)

	2019	2020	2021
2-byte ASN	895 (831)	895 (842)	895 (843)
4-byte ASN	110 (4)	110 (4)	110 (11)



[Activities]

■ Synchronizing WHOIS information between APNIC and KISA

- KRNIC is regularly querying the APNIC WHOIS information for IP blocks allocated to KRNIC.
- The WHOIS information on IP blocks which do not match between APNIC and KRNIC is updated monthly from 2017

■ Launching trial RDAP service

- KRNIC completed developing RDAP service
- Plan to open trial RDAP service(3RD quarter of 2021)

■ APNIC-NIR API Test Support

- Sending Query and Receiving Result in testbed
- Feedback of Test Results

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