IRINN-Indian Registry for Internet Names and Numbers

APNIC 52-NIR SIG

Outline

New Initiatives

Growth of IRINN Affiliates

Growth of IPv4 & IPv6

Growth of ASN

Other Activities

New Initiatives

NIXI Academy	NIXI IPv6 Index	IPv6 Expert
(https://training.nixi.in)	(https://ipv6.nixi.in)	(https://ipv6.nixi.in/#/IPV6/expert)
Total viewers: 3663	Total viewers: 4549	Total viewers: 818
Registered users: 301		Queries received: 08
Enroll(paid) candidates: 147		Queries resolved:08
Certification: 11		

NIXI Academy

NEW

FREE

IPv6 Fundamental Design and Deployment

IP6 Fundamentals, Design, and Deployment (IP6FD) v3.0 is a 14.4 hours training program offered by NIXI and delivered by an expert authorized Cisco Certified Systems Instructor (CCSI)

📖 Videos: 19

DNS Fundamental DNS Abuse and DNS Security

Getting Introduced soon...

📖 Videos: 0

Advanced Course on IPv6

A 15 Hours integrated instructor-led program with LABs, presented by IPv6 Global Forum certified trainer, covering Business Case for IPv6 Adoption and Migration, Address Planning, Routing protocols OSPFv3, BGP4, MPLS, NDP, MLD, DNSv6 and Access Technologies, Deployment Plan, Case Study, v4 to v6 Transition Mechanism and Strategies, QoS and Troubleshooting, Conformance and Interoperability Testing, Security, IPSec IKEv1- v2
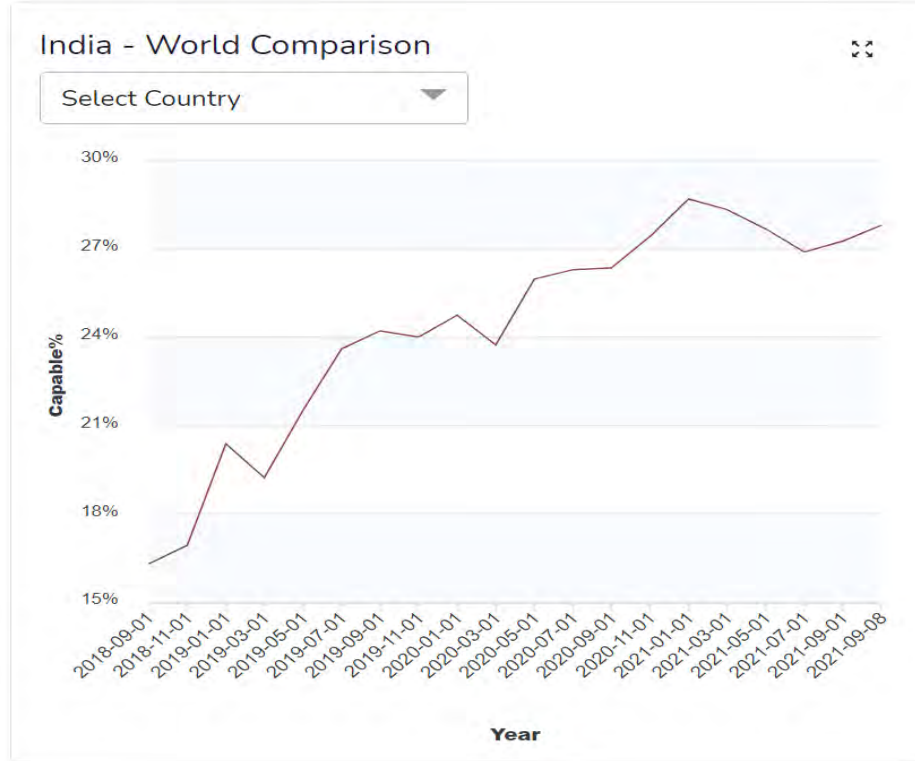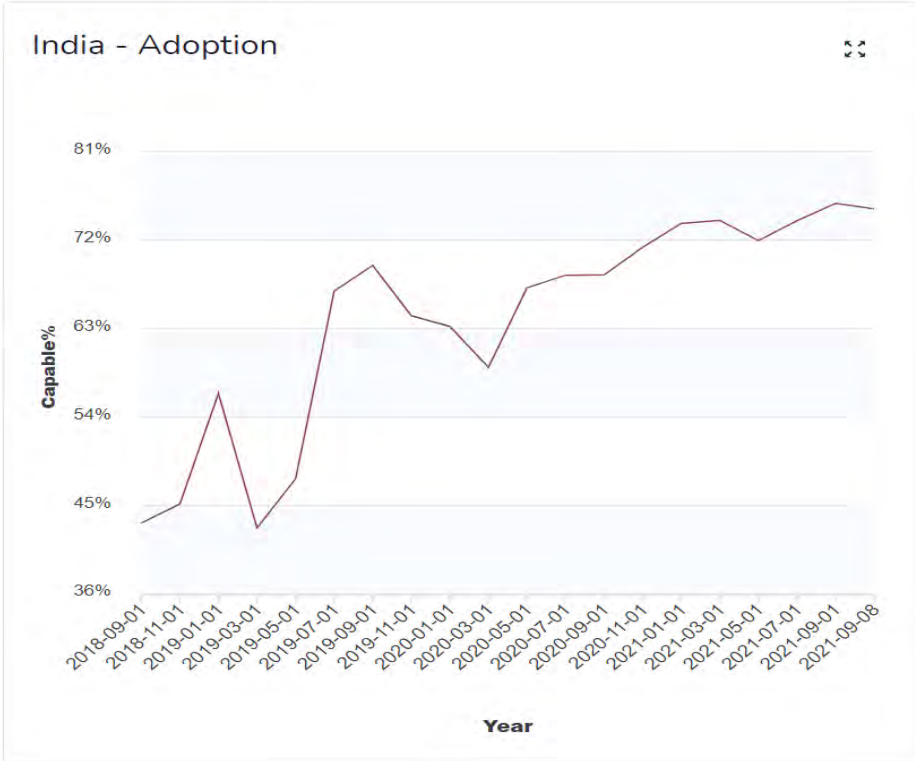
📖 Videos: 21

IPv6 Index

India - Adoption

India - World Comparison

Select Country

Get IPv6 Deployment Support for your projects with our IP GURU

IRINN provides allocation and registration services of Internet Protocol addresses (IPv4 & IPv6) and Autonomous System numbers to Indian Internet community.

Since IPv4 addresses are almost exhausted, IRINN is encouraging it's affiliates to make their network dual stack and move to IPv6 Technologies. IRINN can provide ample IPv6 addresses to Affiliates and help to maintain a scalable Internet for everyone because deployment of IPv6 is an important solution for Digital India.

IPV6 adoption in India is appx 75% (As per APNIC report dated 21st April,2021), which is highest in the world. However IPV6 traffic flow is quite low. This low traffic may by due to non convertion of existing networks from IPV4 to IPV6, non use of dual stacking, Websites non IPV6 compliants etc. India is required to improve in this area as we are growing in IPV6 adoption.
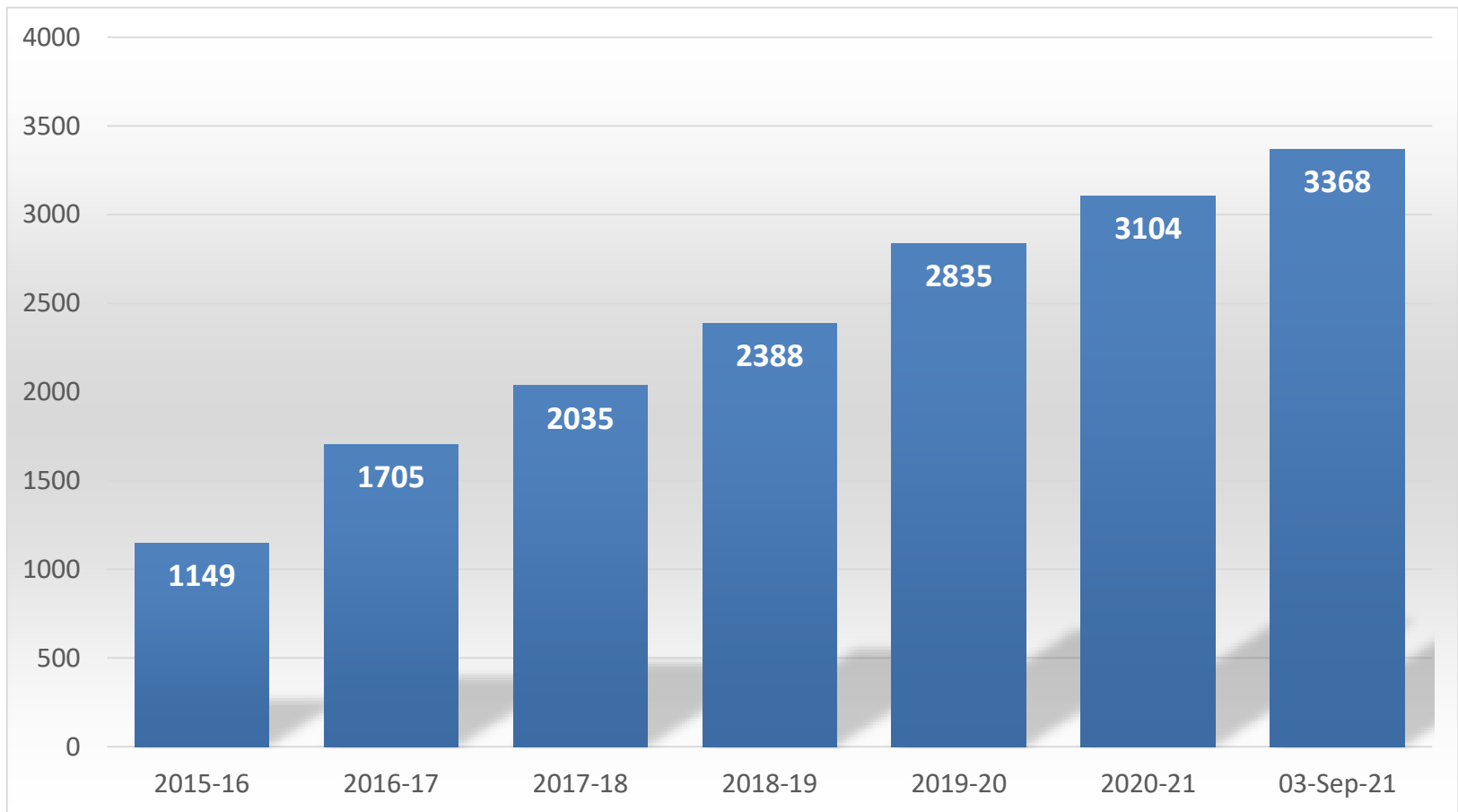
NIXI has decided to be the flag bearer of the IPv6 awareness and Adoption in the country. Accordingly, it is decided that an "IPv6 expert panel" group should be created who can extend support to all the Indian entities who are finding it technically challenging to migrate and adopt IPv6. In addition to this the IPv6 expert group will help in identifying & hiring agency that will help end customer by providing necessary technical support to adopt IPv6. This panel will guide all such Indian entities and help in increasing the IPv6 Adoption.
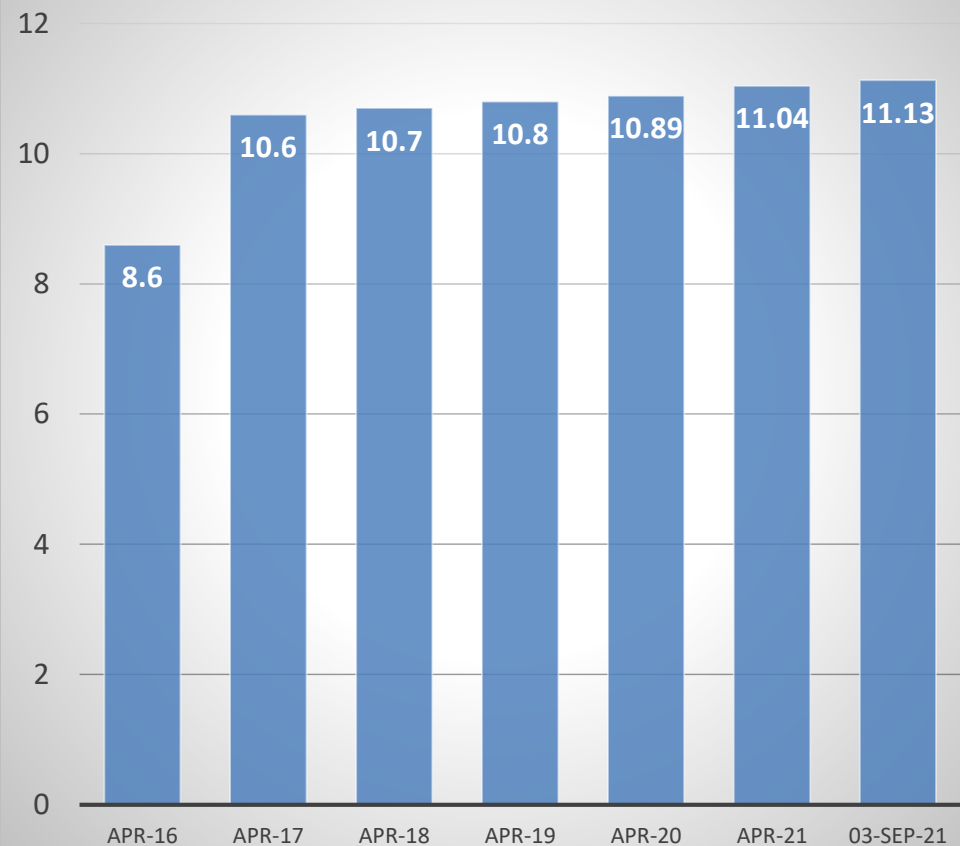
Chairmain: Shri Surendra Rai , DDG (NT),DOT

Name

Orgnization

Mobile

Email

Query

Send Query

You can also send your query at
ipv6query@nixi.in

Growth of IRINN Affiliates

Growth of IP Resources

IPv4 in million

APR-16	APR-17	APR-18	APR-19	APR-20	APR-21	03-SEP-21
8.6	10.6	10.7	10.8	10.89	11.04	11.13

IPv6 in billion of /56

APR-16	APR-17	APR-18	APR-19	APR-20	APR-21	03-SEP-21
3.5	4	4.6	5.3	6.7	8.4	9.31

Growth of ASN

Year	4 Byte	2 Byte
2012	0	2
2013	136	113
2014	138	34
2015	216	16
2016	313	10
2017	249	7
2018	323	4
2019	271	5
2020	288	0
2021	328	2

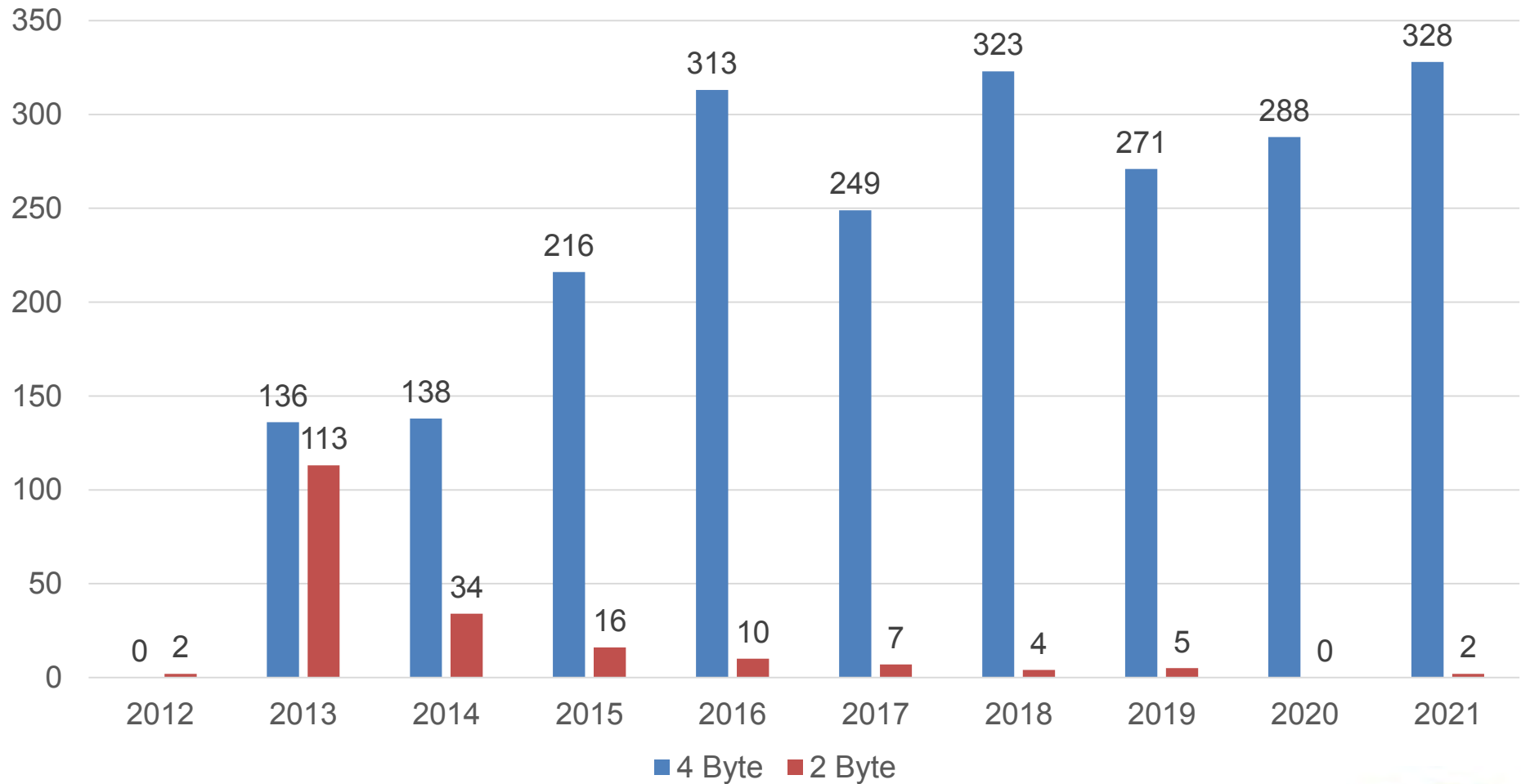■ 4 Byte   ■ 2 Byte
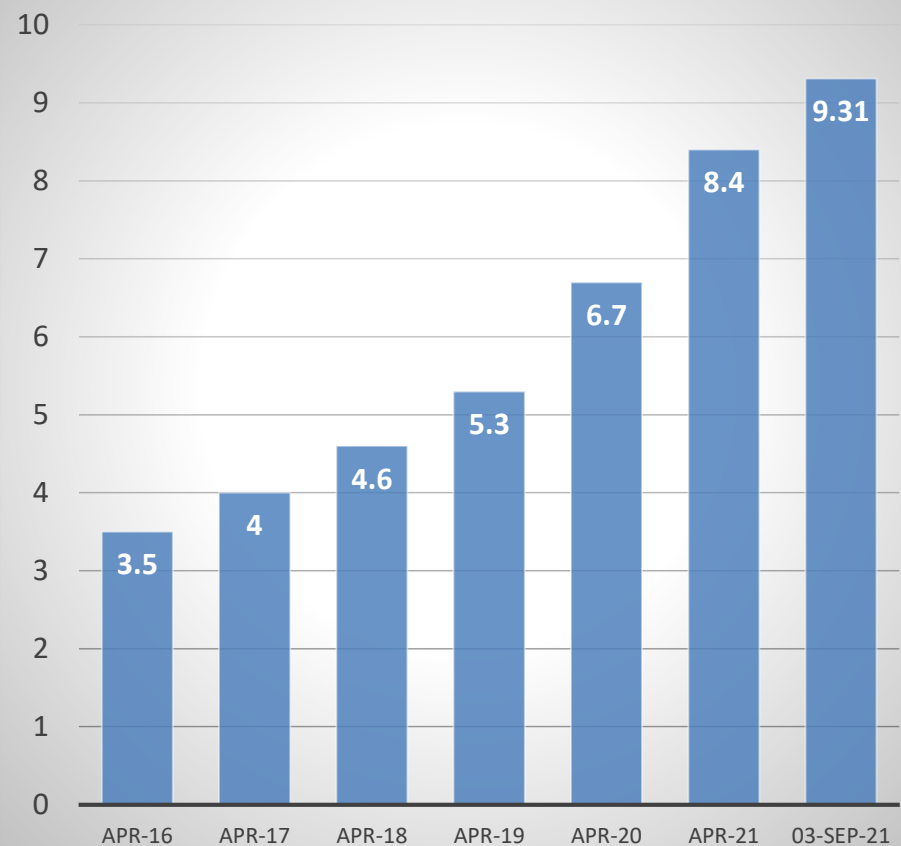
Other Activities

- The first training of DNS Fundamentals for IRINN affiliates as per MOU signed between APNIC & NIXI was successfully conducted on 28-29 July, 2021.

- NIXI will also conduct Webinars for Affiliates of topics related to IPv6, RPKI, new Internet technologies etc.

- Strengthen the NIXI academy by adding new courses such as IPv6 advance, DNS fundamentals etc

Thank You