

The background features a blurred scene of people working at laptops. Overlaid on this are several large, semi-transparent geometric shapes in vibrant colors: orange, green, and blue, creating a modern, dynamic aesthetic.

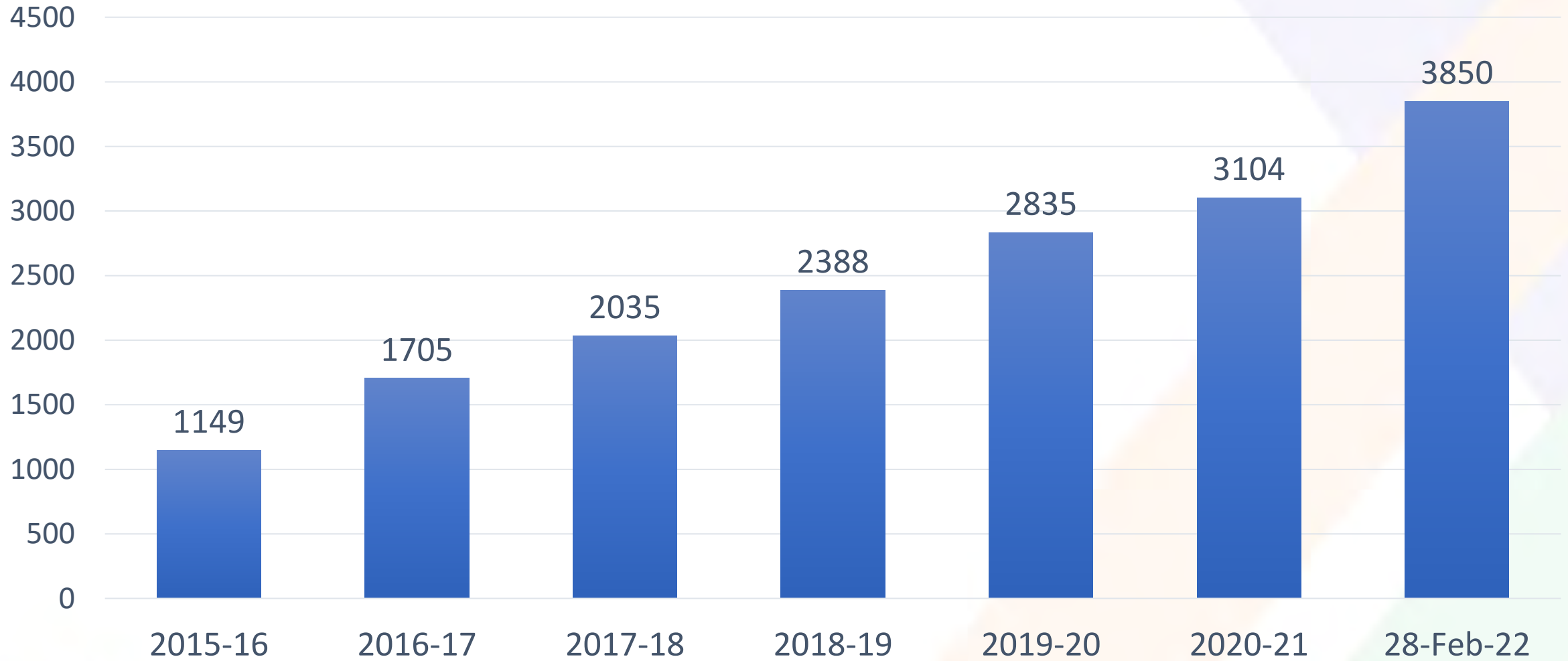
IRINN UPDATE

NIR SIG-2022

Current Status

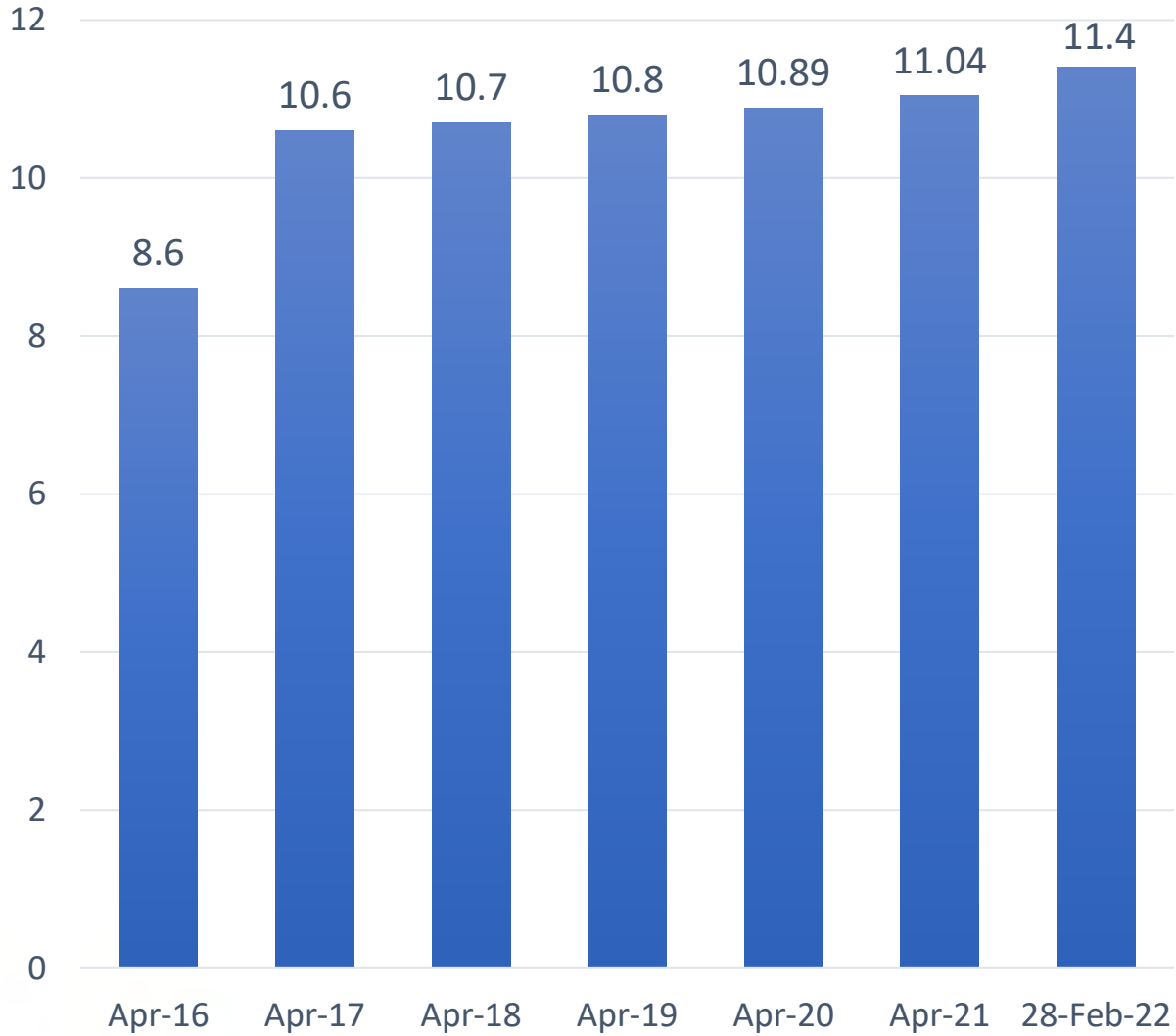


Affiliate Growth

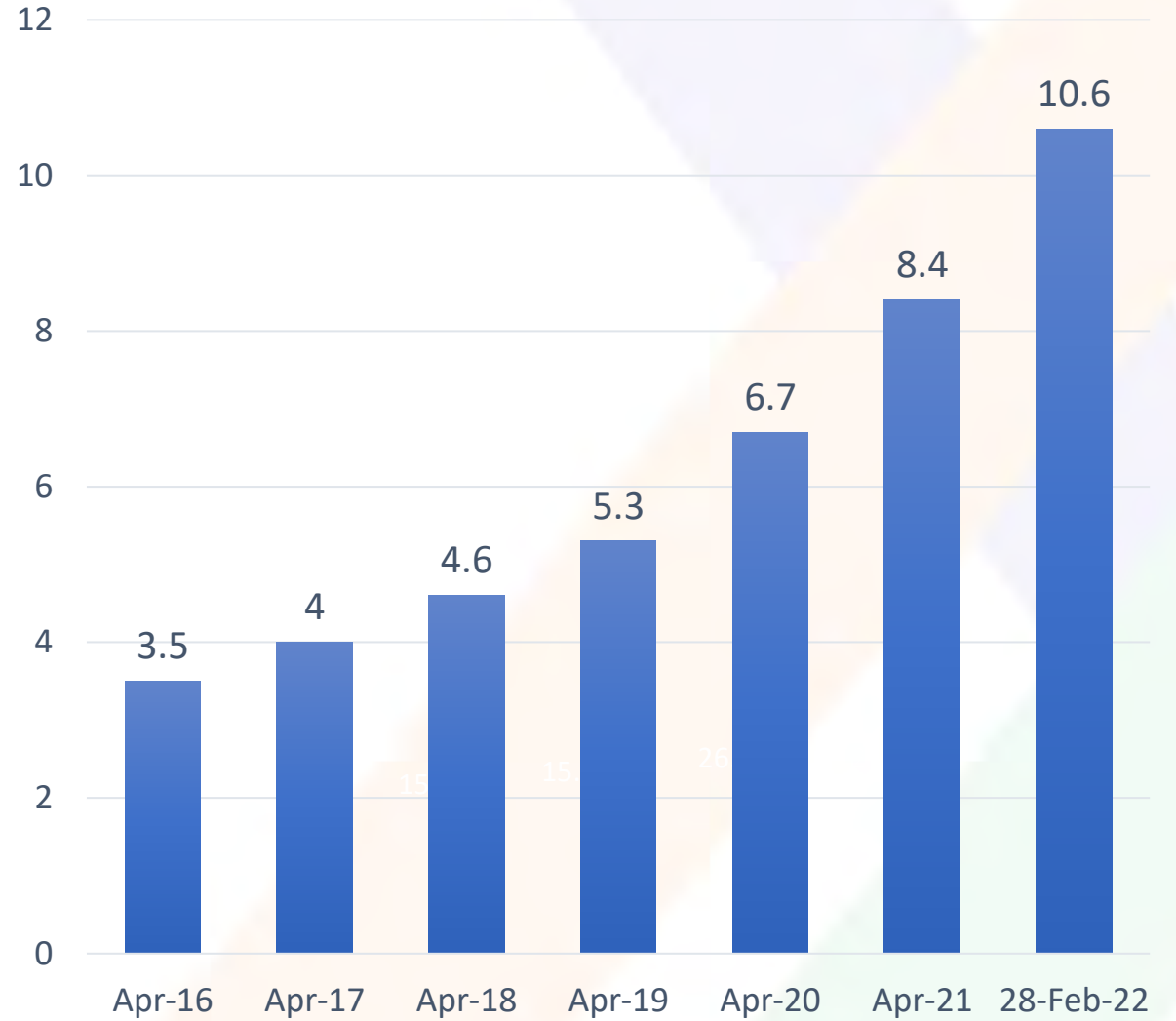


IPv4 and IPv6

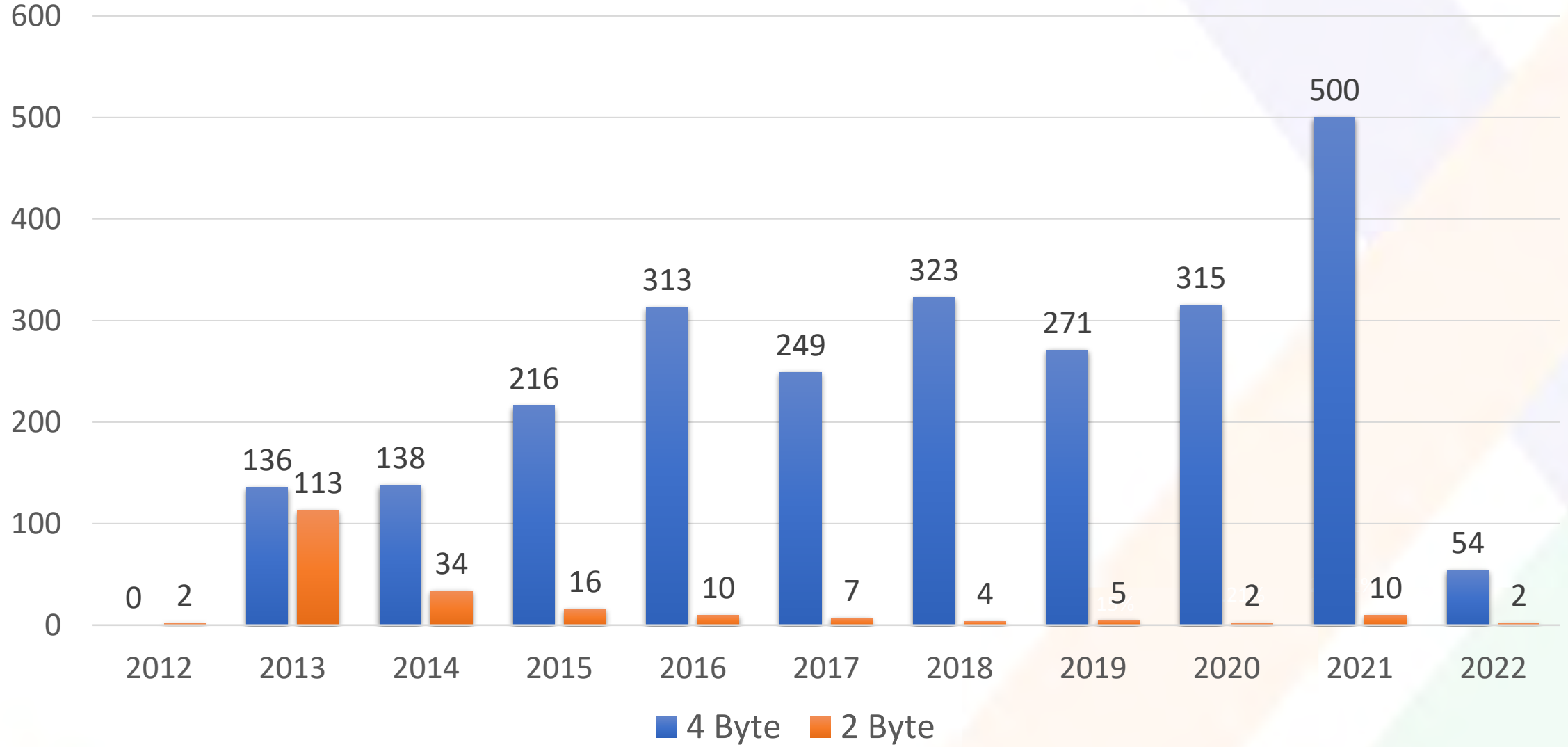
IPv4 in million



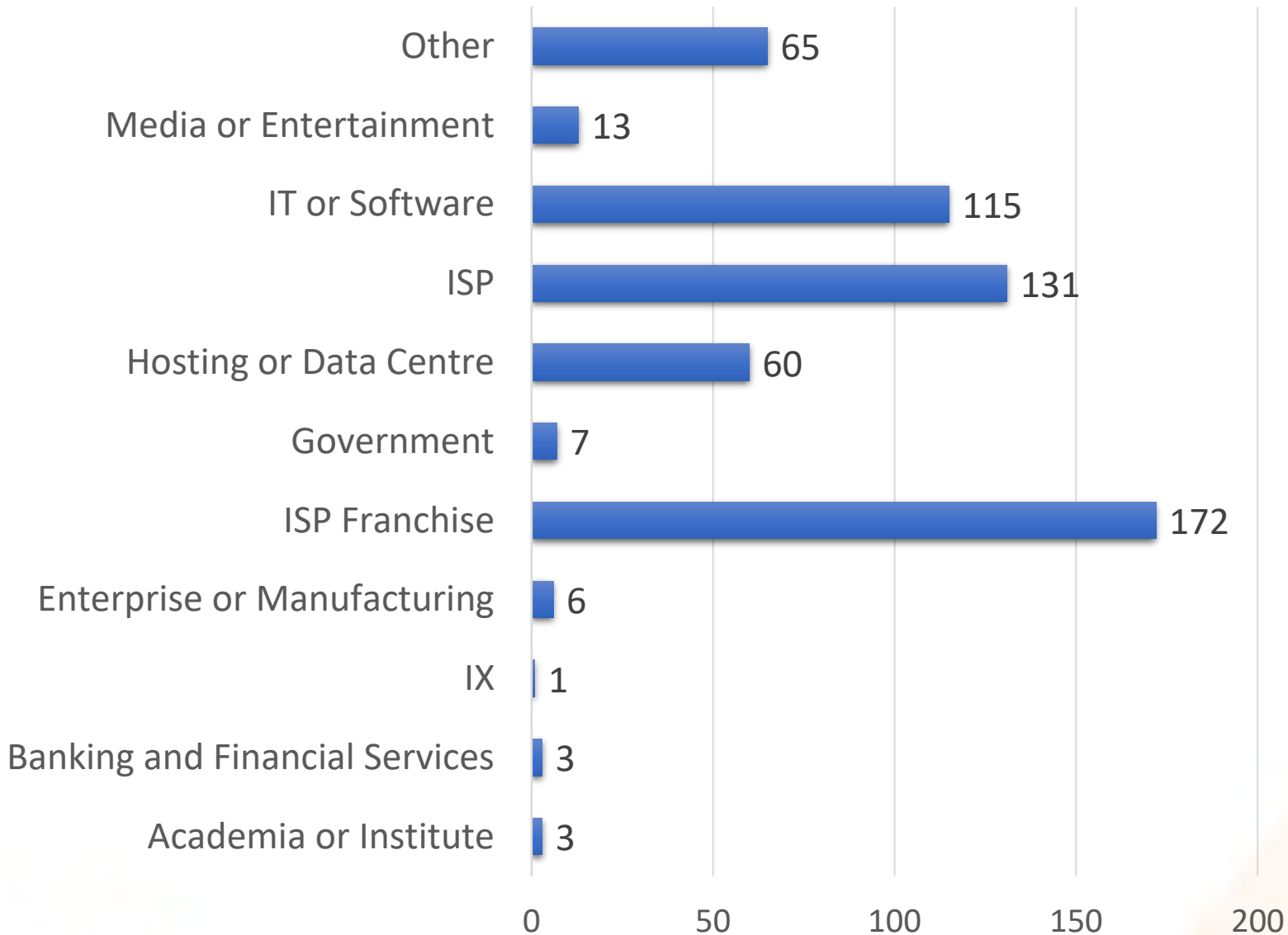
IPv6 in billion of /56



ASN



Industry type



From Oct 2021 till Feb,2022 IRINN has on boarded more than 500 new Affiliates. Prominent categories are ISP, ISP Franchise, IT n Software companies.

New Initiative-Status

A decorative graphic on the right side of the slide consists of several thick, parallel diagonal stripes. The stripes are colored in a sequence of dark blue, orange, and green, creating a dynamic, geometric pattern that extends from the top right towards the bottom right.



List of available Courses

- [IPv6 Fundamental Design and Deployment](#)
- [Advanced Course on IPv6](#)
- [DNS Fundamental DNS Abuse and DNS Security](#)
- [IPv6 Security](#)

Upcoming Courses

- [DNS Abuse/Security](#)

- **Total Registrations: 564**
- **Course Completed: 237**
- **Received Certificate: 39**

IP Guru

[Home](#)[About Us](#)[IPv6 Expert](#)[IPv6 Enabled Website](#)[IPv6 Roadmap](#)[NIXI Initiative](#)[IPv6 Stats](#)

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 be due to non conversion 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.

[Send Query](#)

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

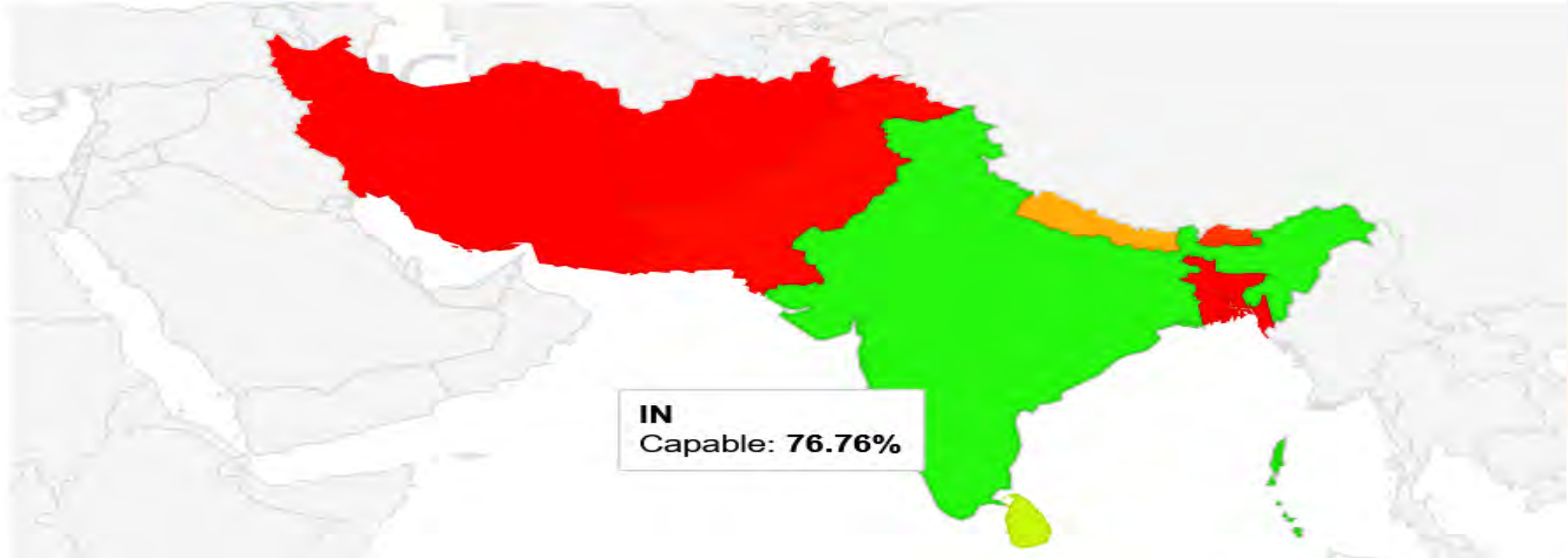


IPv6 and ROA Stats

The background features a series of parallel diagonal stripes. From top-left to bottom-right, the stripes are dark blue, orange, green, and dark blue. The stripes are of varying widths and are set against a white background.

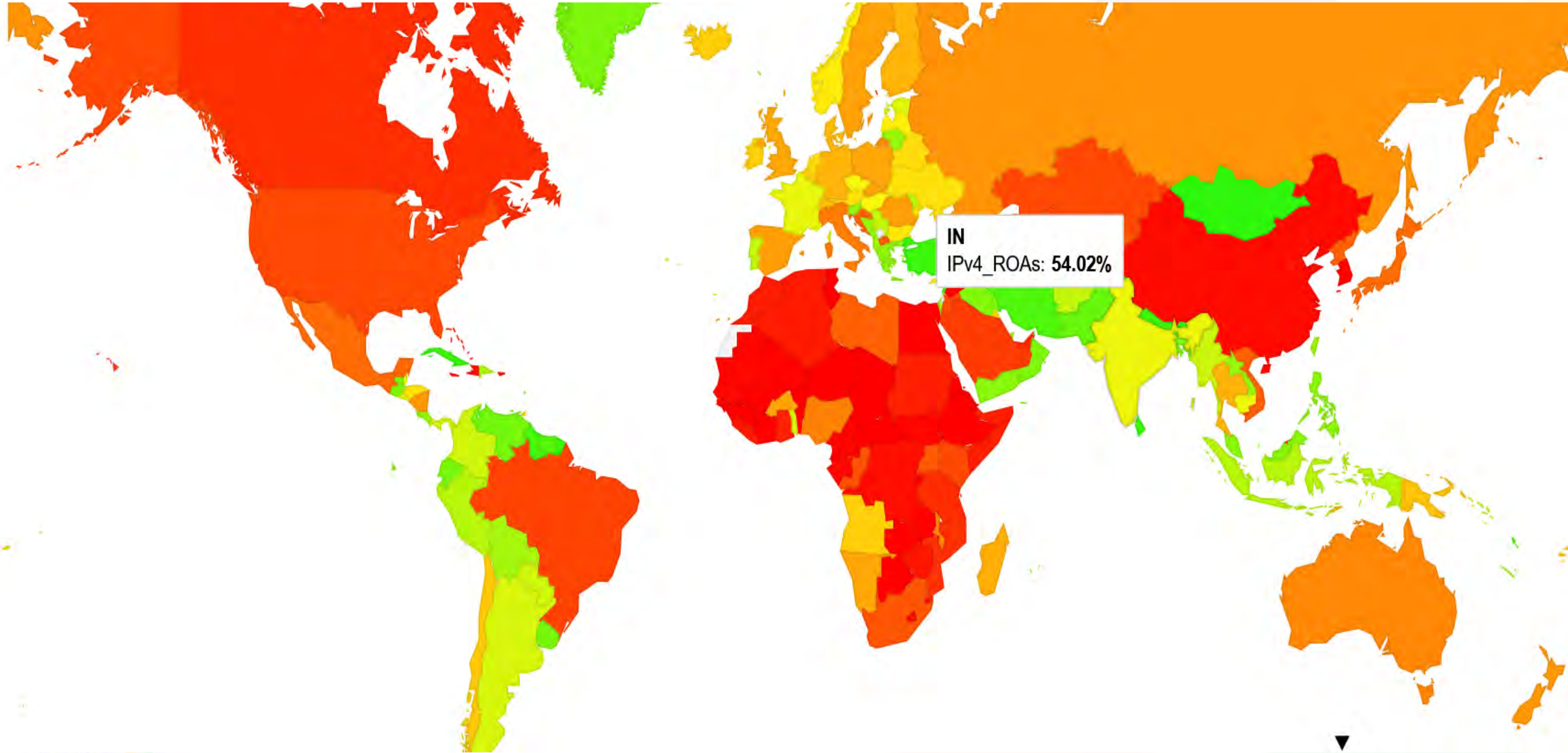
IPv6

Region Map for Southern Asia (034)

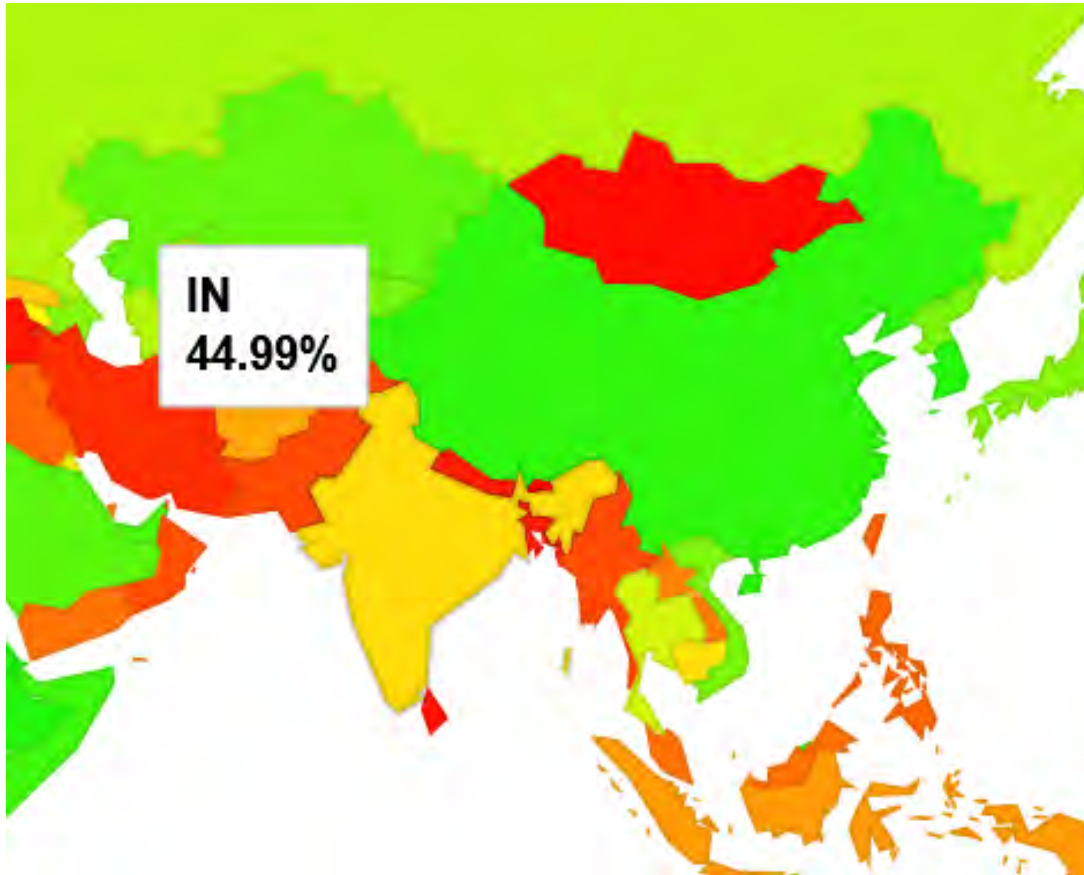


ASN	AS Name	IPv6 Capable	IPv6 Preferred	Samples
AS55836	RELIANCEJIO-IN Reliance Jio Infocomm Limited	97.16%	96.19%	37,009,641
AS45609	BHARTI-MOBILITY-AS-AP Bharti Airtel Ltd. AS for GPRS Service	79.76%	78.78%	19,037,758
AS38266	VODAFONE-IN Vodafone India Ltd.	76.91%	74.26%	4,471,410

ROA



Unknown



Invalid





Training for Affiliates

- Online Webinars were conducted for IRINN Affiliates to educate them for topics such as RPKI, IPv6 and DNS fundamental and security.

- 9th Nov,2021 - RPKI: fundamentals and benefits
 - Attendees: 54
- 26th Nov,2021 – DNS fundamentals.
 - Attendees: 119
- 7th Dec,2021 - RPKI: fundamentals and benefits
 - Attendees: 46
- 9th Feb,2022 - IPv6 Protocol, Architecture & Address Planning
 - Attendees: 120

Future Engagements

- IRINN will organize online training and webinars for IRINN Affiliates.
- Enhance the NIXI Academy portal by adding new courses based on latest technologies.
- Popularize the new initiatives of NIXI via social media platforms.
- IRINN OPM(Open Policy Meet) will be organized for IRINN Affiliates.

Thank you

Comments and Suggestions if any!