

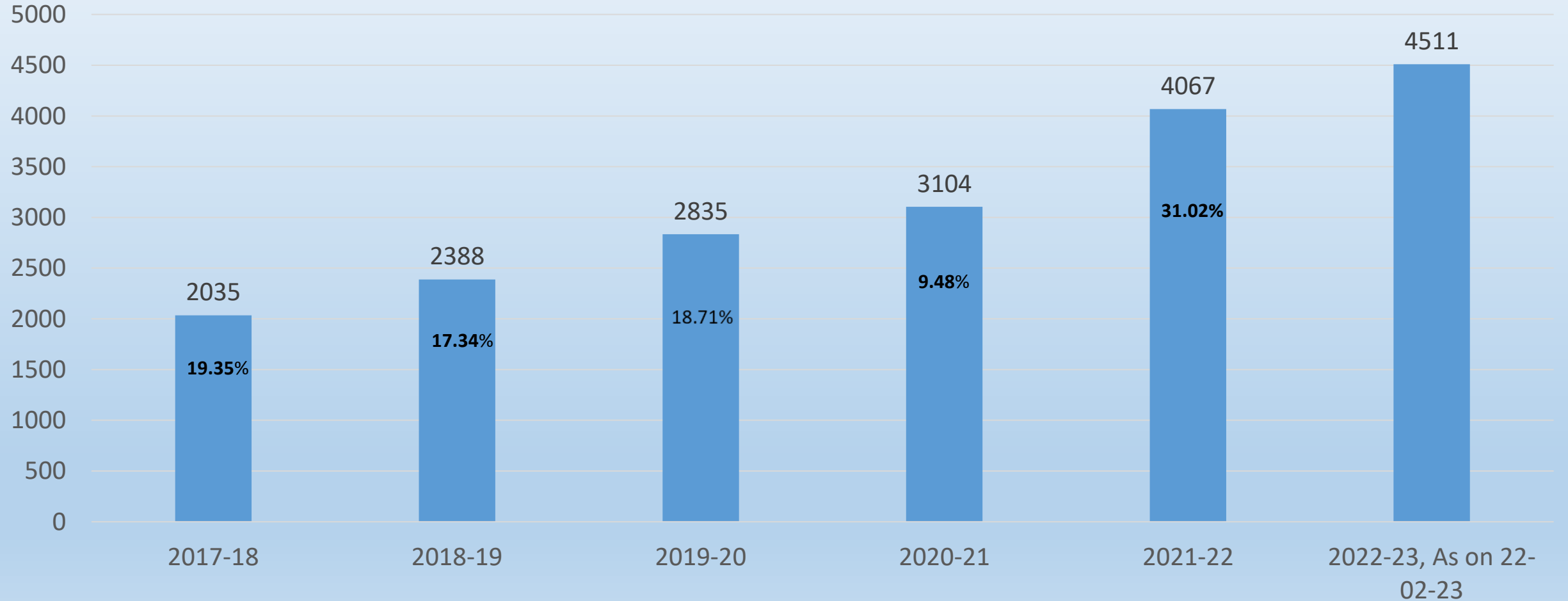


**IRINN-UPDATE**

**NIR SIG-MANILA PHILIPPINES**

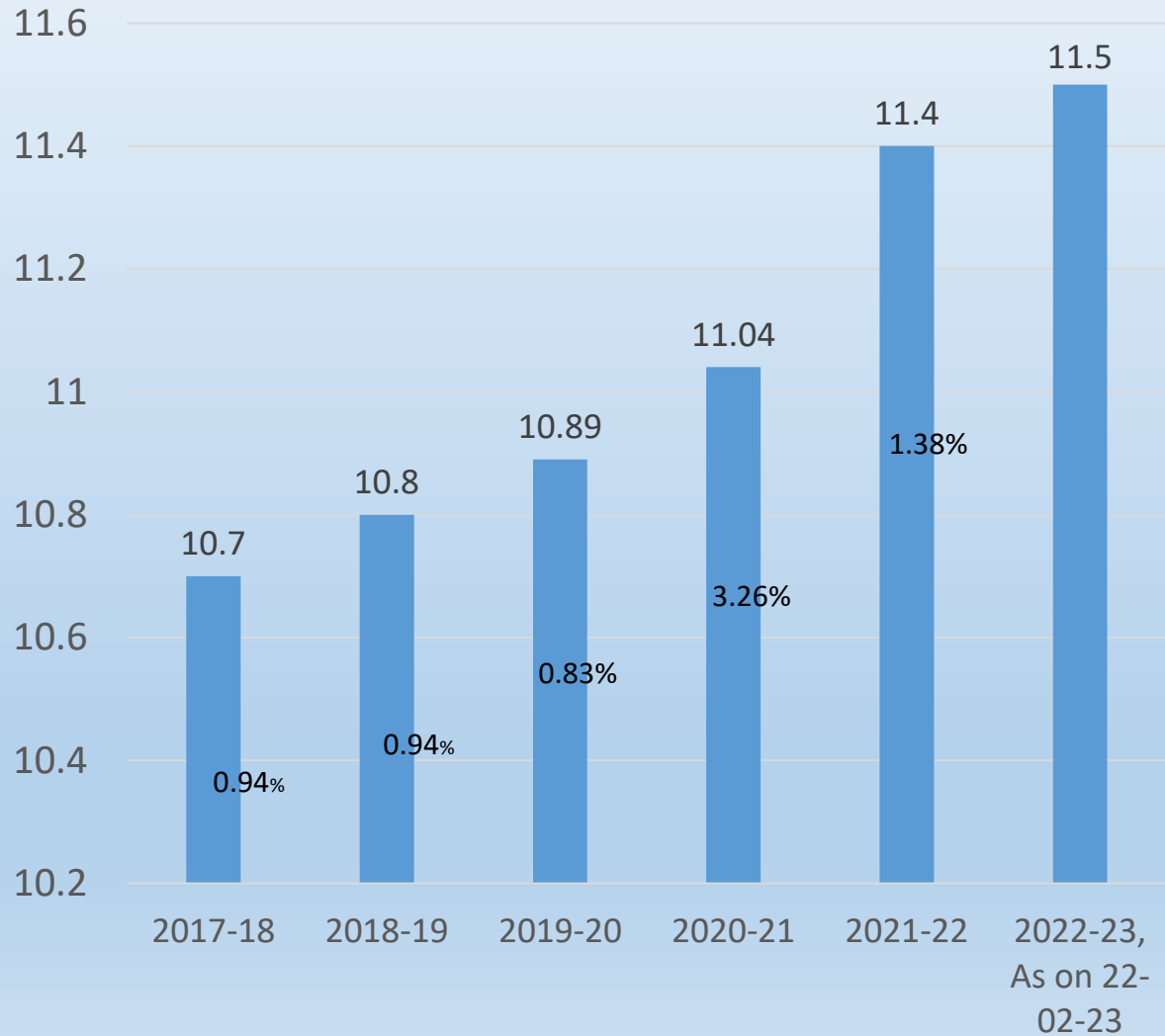
# Membership Growth in the last 5 years

Affiliate

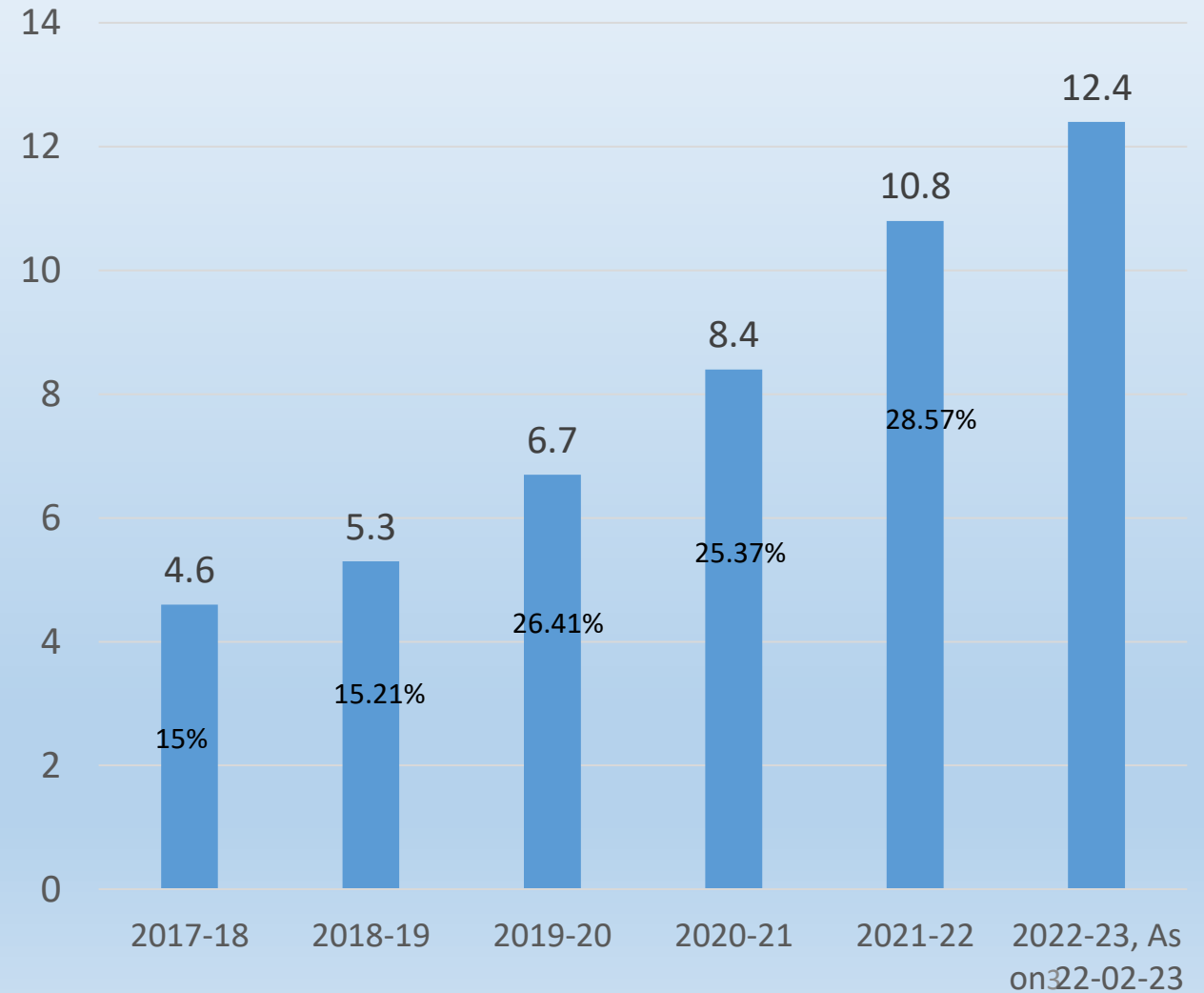


# IP Growth in the last 5 years

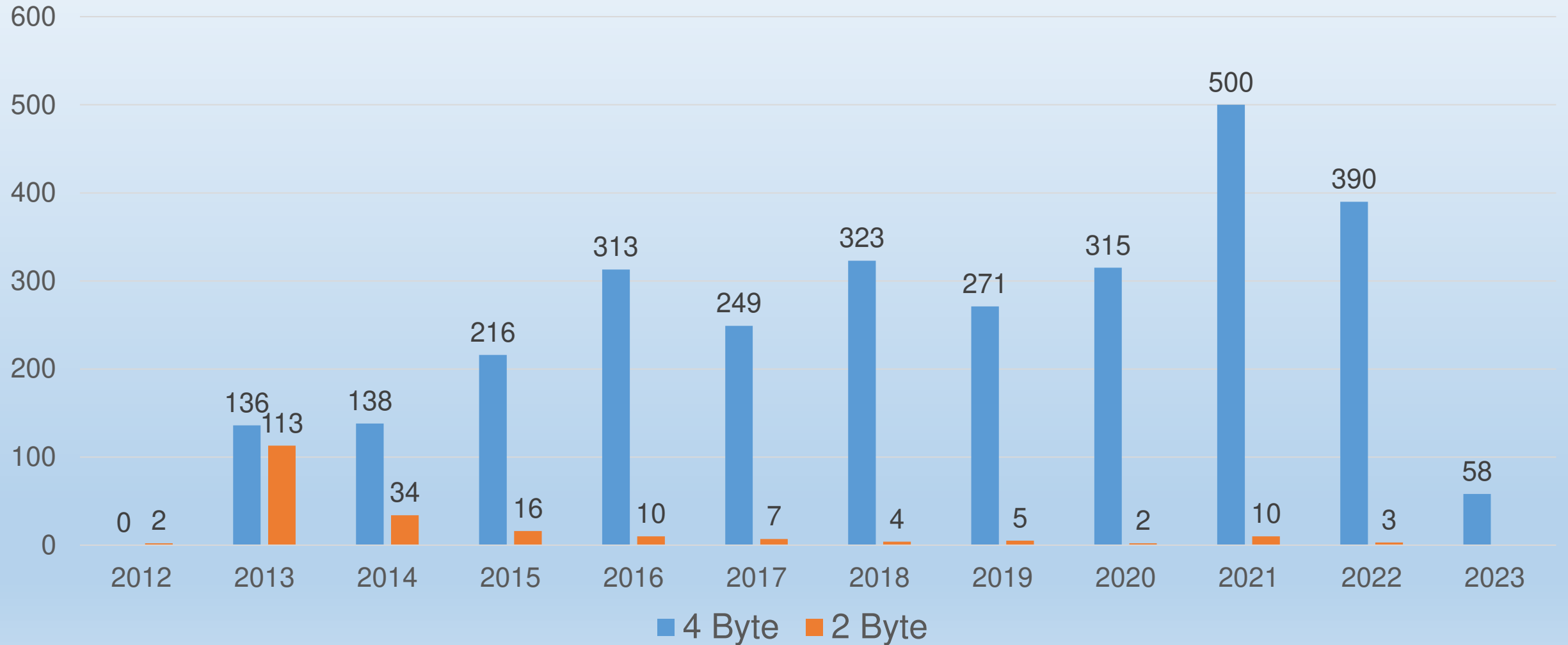
IPv4 in million



in billion of /56



# ASN Growth



# Webinars for IRINN Affiliates

2022	Mode	No. of Webinars	Topic
Oct-22	Online	2	IPv6 deployment/securityROA/RPKI
Nov-22	Online	1	Dual stack(IPv4 and IPv6)
Dec-22	Hands-on	2	IPv6 subnetting, IT Infra and Security
Jan-23	Online	2	DNS,DNS-SEC and Cloud Fundamental
Feb-23	Online	2	BGP Routing, Cyber security



## Capacity building program

In our effort towards youth building capacity, NIXI invited the students of premium engineering college, Maharaja Agrasen Institute of Technology (MAIT), Delhi at NIXI office to share the working of IRINN business and importance of IP address, benefits of how IPv6 is better than IPv4. We also took them through all courses available on NIXI Academy and encouraged them to take up free courses available.





NIXI Academy

<https://training.nixi.in/>



IPv6 Index

<https://ipv6.nixi.in/>



IP Guru

<https://ipv6.nixi.in/#/IPV6/expert>





Boost your confidence in your Knowledge with  
NIXI E-learning Academy



### Online Courses



#### IPv6 Security

IPv6 is the next generation of the Internet Protocol address standard that will supplement and eventually replace IPv4....

Videos: 9

[▶ View All Courses Offered](#)

### Training Videos



#### IPv6 Introduction & IPv6 Subnetting

IPv6 is the next generation of the Internet Protocol address standard that will supplement and eventually replace IPv4....

[▶ View All Training](#)

### YouTube Videos



#### How to register in NIXI Academy

Step by Step registration process in NIXI Academy

[▶ View All Videos](#)



REGISTER

LOGIN

DOWNLOAD CERTIFICATE





## Course Video List



### IPv6 Fundamental Design and Deployment

IPv6 Fundamentals, Design, and Deployment (IPv6FD) v3.0 is a 14.4 hours training program offered by NIXI and delivered by a...

Videos: 19



### Advanced Course on IPv6

A 15 Hours integrated instructor-led program with LABs, presented by IPv6 Global Forum certified trainer, covering...

Videos: 21



### DNS Fundamental DNS Abuse and DNS Security

The Domain Name System (DNS) is a critical part of internet infrastructure.. DNS is a 4 hours training program offered by NIXI and...

Videos: 9



### DNS Fundamental By Mr Champika Wijayatunga

The Domain Name System (DNS) is a critical part of internet infrastructure.. DNS is a 4 hours training program offered by NIXI and...

Videos: 1



### IPv6 Security

IPv6 is the next generation of the Internet Protocol address standard that will supplement and eventually replace IPv4....

Videos: 9



### BGP Border Gateway Protocol

Border Gateway Protocol is a standardized exterior gateway protocol designed to exchange routing and reachability...

Videos: 1

## Training Videos



### Cyber Security Program

Cybersecurity is the protection of internet-connected systems such as hardware, software and data from cyberthreats. The practice is used by individuals and enterprises to protect against unauthorized access to data centers and other computerized systems.



### IPv6 Transition Techniques

An IPv6 transition mechanism is a technology that facilitates the transitioning of the Internet from the Internet Protocol version 4 infrastructure. This webinar is not an introductory tutorial and it is assumed that participants have a working knowledge of IP Routing, and IPv4,IPv6.



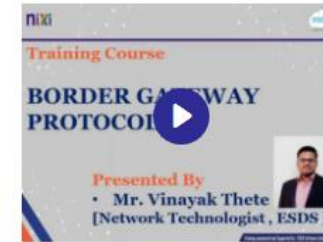
### The DNS Ecosystem, Its Vulnerabilities, and Threat Mitigations

the DNS is a critical component of the Internet, and the DNS ecosystem is large, complex, and has myriad players of varying levels of competence, resulting in a (very) large attack surface.



### IPv6 Introduction & IPv6 Subnetting

IPv6 is the next generation of the Internet Protocol address standard that will supplement and eventually replace IPv4. IPv6 the new version of the Internet Protocol, has been developed to provide new services and to support the Internet growth.



### Border Gateway Protocol (BGP)

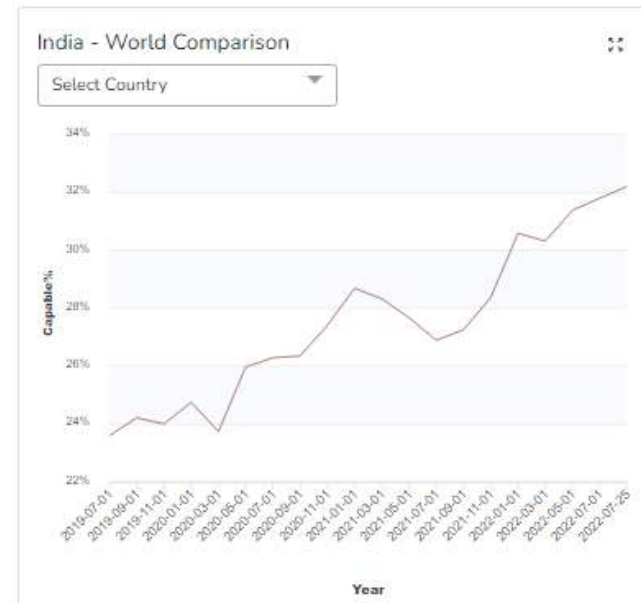
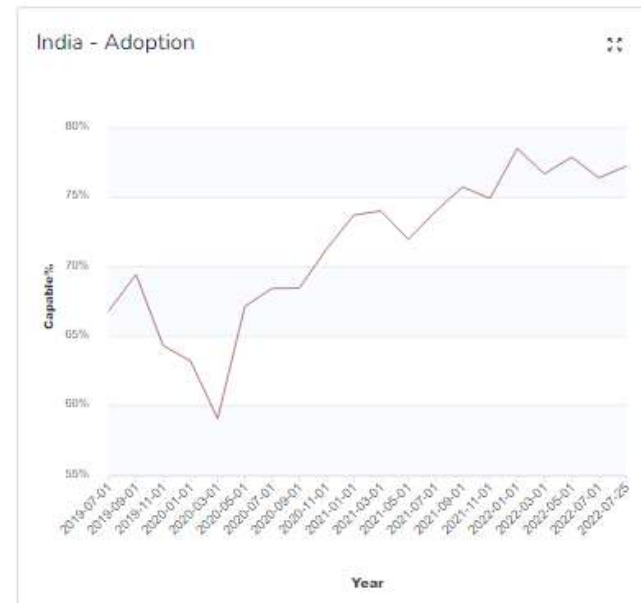
Border Gateway Protocol is a standardized exterior gateway protocol designed to exchange routing and reachability information among autonomous systems on the Internet.

# NIXI IP Index

Internet Protocol version 6 (IPv6) is the most recent version of the Internet Protocol (IP), the communications protocol that provides an identification and location system for computers on networks and routes traffic across the Internet. "IPv6 Index Portal", at present provide info about IPv6 adoption, IPv6 Traffic, website on IPv6 etc. in India as well as in other countries of the world.



- World  
Adoption -  
Traffic
- Asia  
Adoption -  
Traffic
- America  
Adoption -  
Traffic
- Africa  
Adoption -  
Traffic
- Europe  
Adoption -  
Traffic
- Oceania  
Adoption -  
Traffic
- Economy  
Country List



## Design, Plan and Implement with IPv6

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 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.

Chairman: Shri Surendra Rai , DDG (NT),DOT

Send Query

You can also send your query at [ipv6query@nixi.in](mailto:ipv6query@nixi.in)

## IPv6 Expert Panel Group

Mr. Dindayal Tosniwal , DDG(NT),DoT

Mr. Tushar Rastogi, ADG(NT-1), DoT

Mr. Praveen Misra,,ERNET India

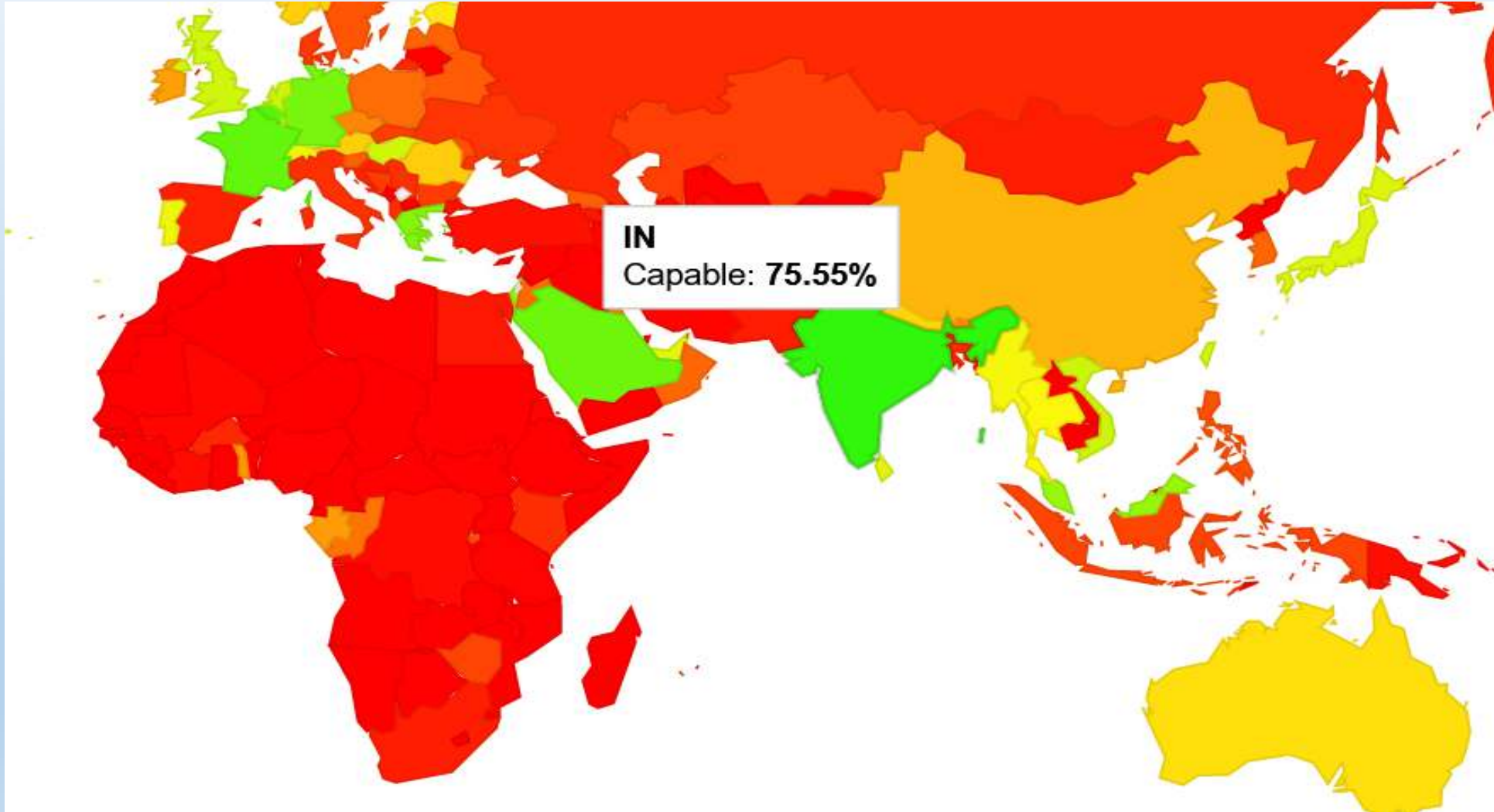
Mr. Srinath Beldona , Trainer & Consultant

Mr. Swapneel Patnekar, Shreshta IT

Mr. Anurag Bhatia, Hurricane Electric

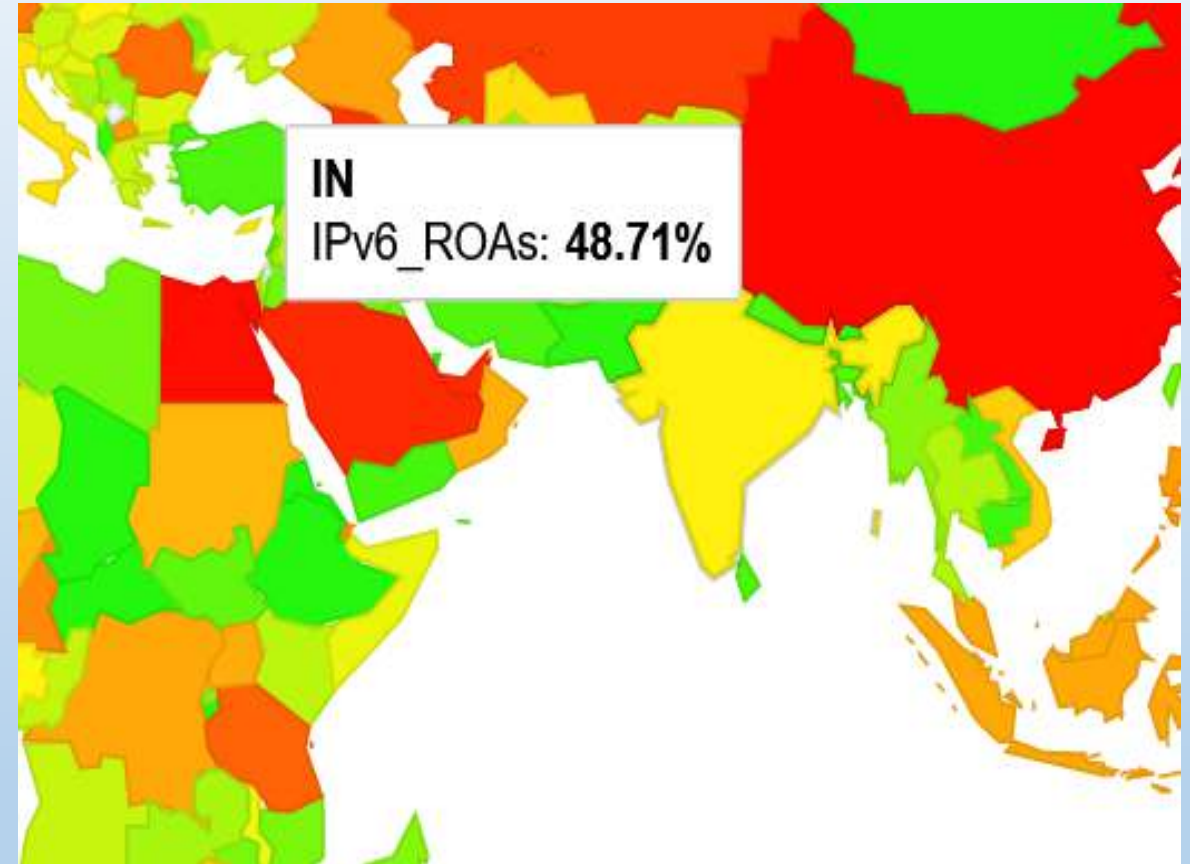
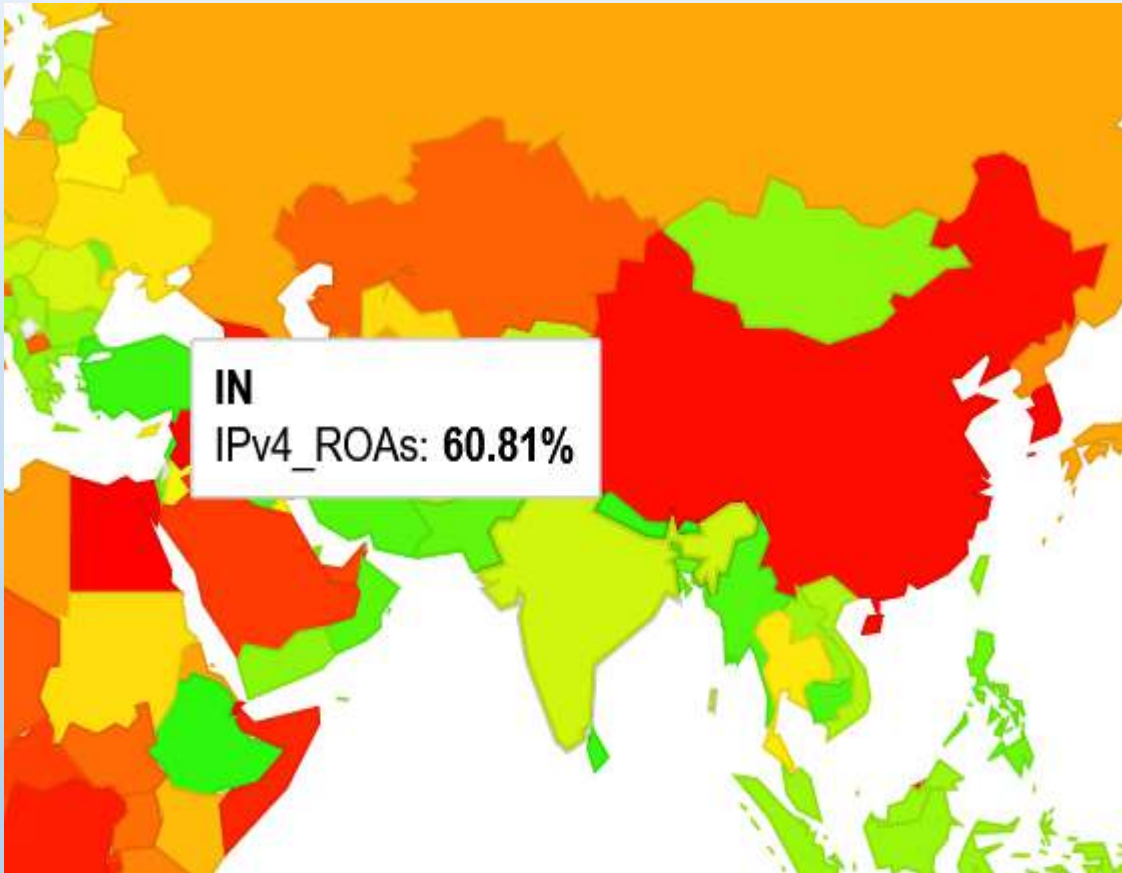


# IPv6 Adoption





# ROA Adoption



Total ROA adoption rate is 54.76%.



**Thank You**