



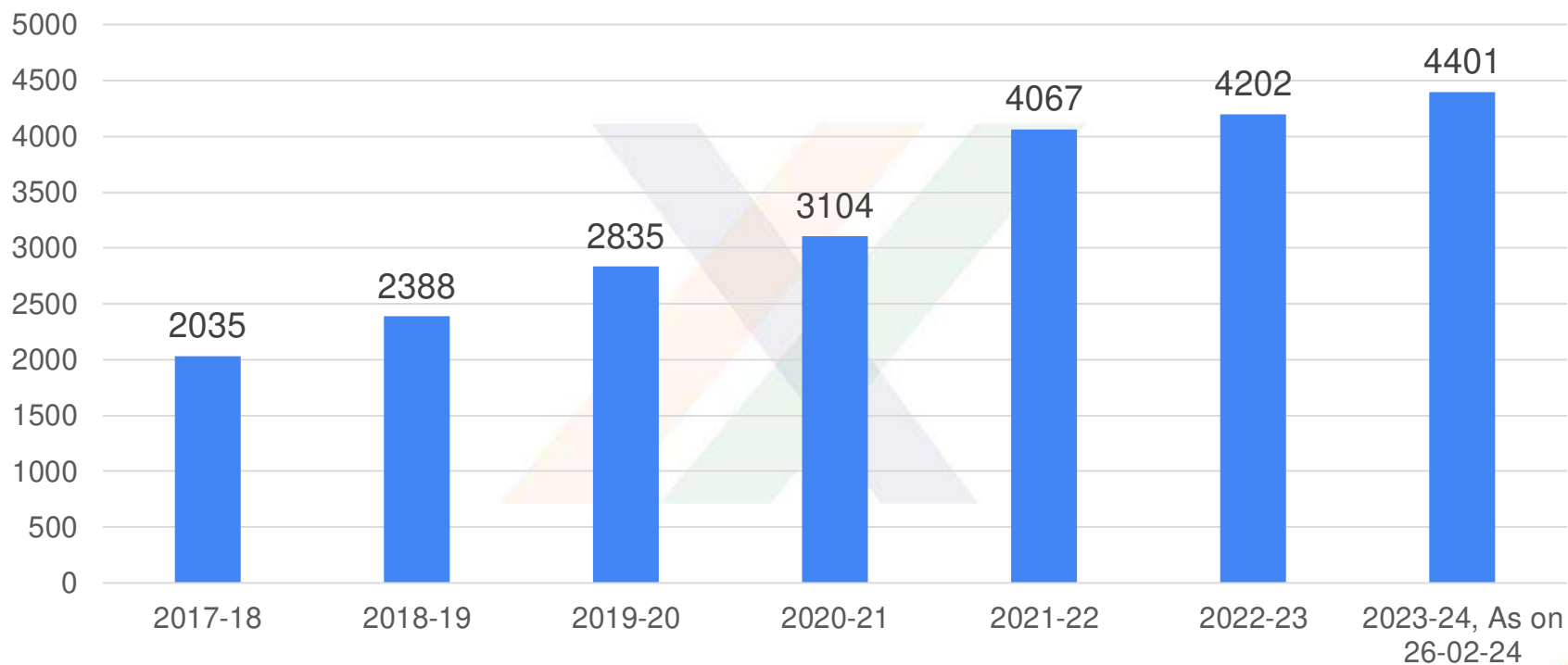
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**National Internet Registry - IRINN  
(Indian Registry for Internet Names and Numbers)**

**By: Abhishek Mishra  
Assistant Manager(IRINN)-NIXI**

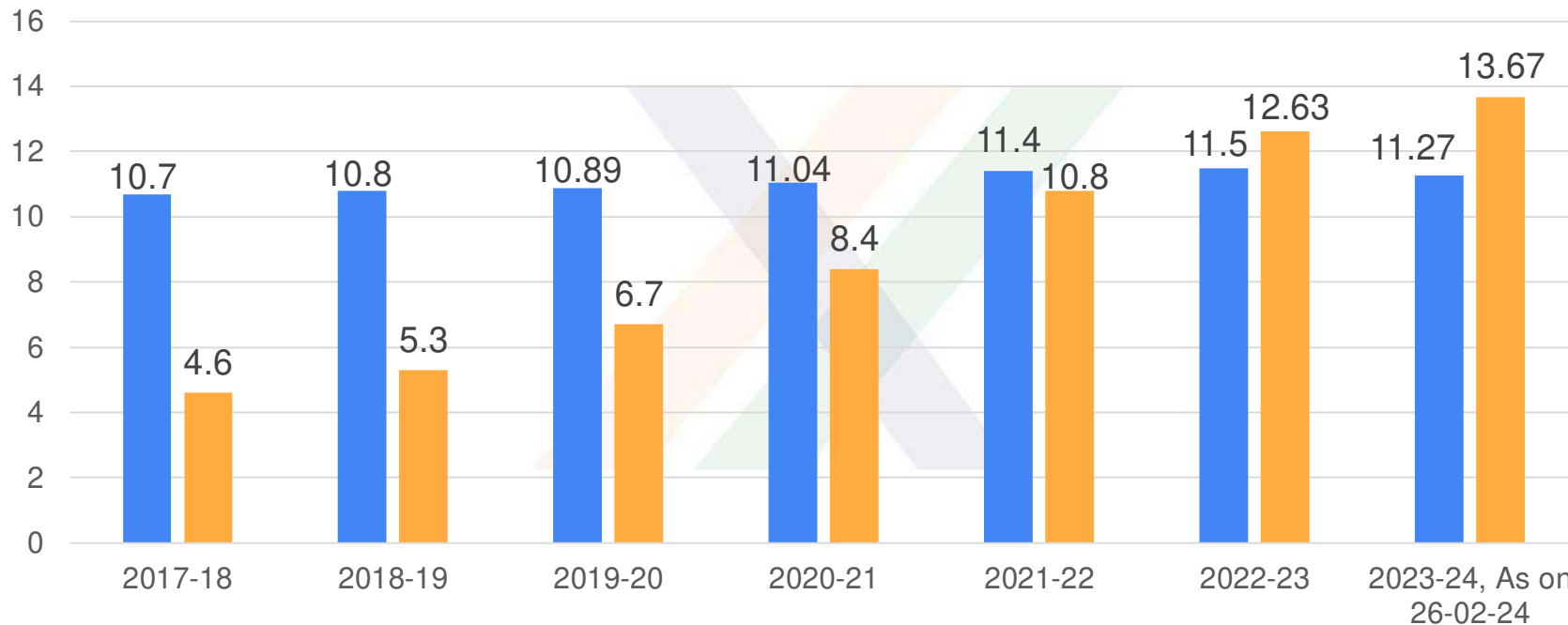
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## Affiliate Growth

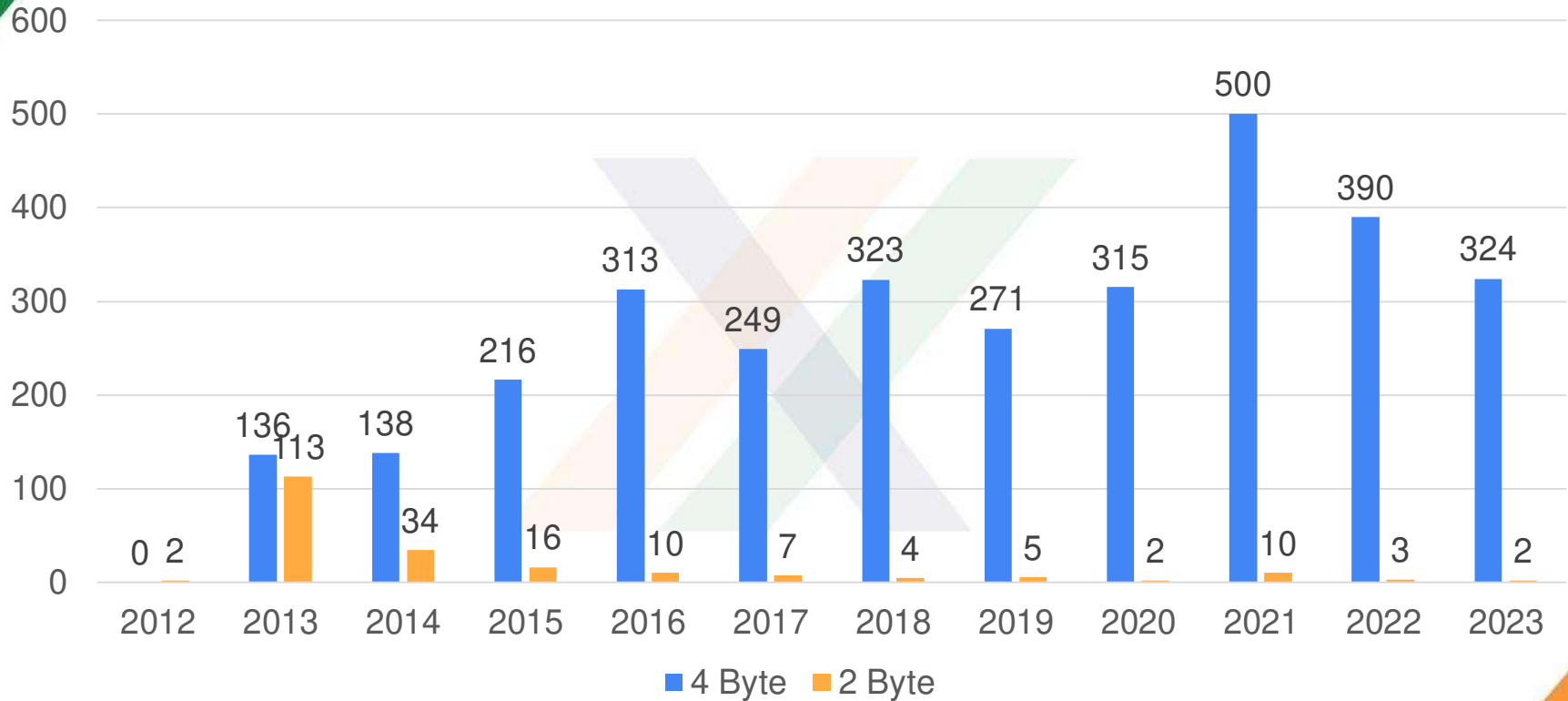


# IPv4 & IPv6

■ IPv4 in million   ■ IPv6 in billion



# ASN delegation



# IRINN OPM - 2023

Continuing the practice of holding OPM (Open Policy Meeting), IRINN conducted its 9th OPM on 21st, Nov, 2023. More than 250 Affiliates attended the meeting with along with Stakeholders from Government, APNIC, ISP's and IRINN Affiliates. The OPM was followed by training on IPv6 Configuration/Implementation with different transaction mechanism conducted by the trainers from APNIC.

**APNIC**  
Makito Lay

**APNIC**  
Devesh Tyagi

**APNIC - Abdul Awal**

**George Kuo**

**IRINN**

**IRINN OPEN POLICY MEETING**  
And IPv6 Deployment Training

By APNIC Trainers

**DATE**  
21, NOV 2023

**TIME**  
11:00 a.m. - 04:00 p.m.

**nixi**

**TRAINING OUTLINE**




- IPv6 Subnetting
- IPv6 transition Mechanism
- Best transition mechanism
- Header manipulation
- How to manage IPv6 network efficiently & securely

**National Internet eXchange of India**

**National Internet eXchange of India**

**National Internet eXchange of India**

## Initiatives to promote IPv6

NIXI Academy	IPv6 Index	IPv6 Expert
		
<p>(<a href="https://training.nixi.in">https://training.nixi.in</a>)</p>	<p>(<a href="https://ipv6.nixi.in">https://ipv6.nixi.in</a>)</p>	<p>(<a href="https://ipv6.nixi.in/#/IPv6/expert">https://ipv6.nixi.in/#/IPv6/expert</a>)</p>



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



# nixi

National Internet Exchange of India

## Online Courses



### Cyber Security

Safeguarding your data is more important than ever. Watch this interesting course on Cyber Security...

 Videos: 20

## Training Videos



### DNSSec Fundamental - by Warren Finch , APNIC

The Domain Name System (DNS) is a critical part of Internet infrastructure and the largest distributed Internet...

## YouTube Videos



### What is internet and How internet works

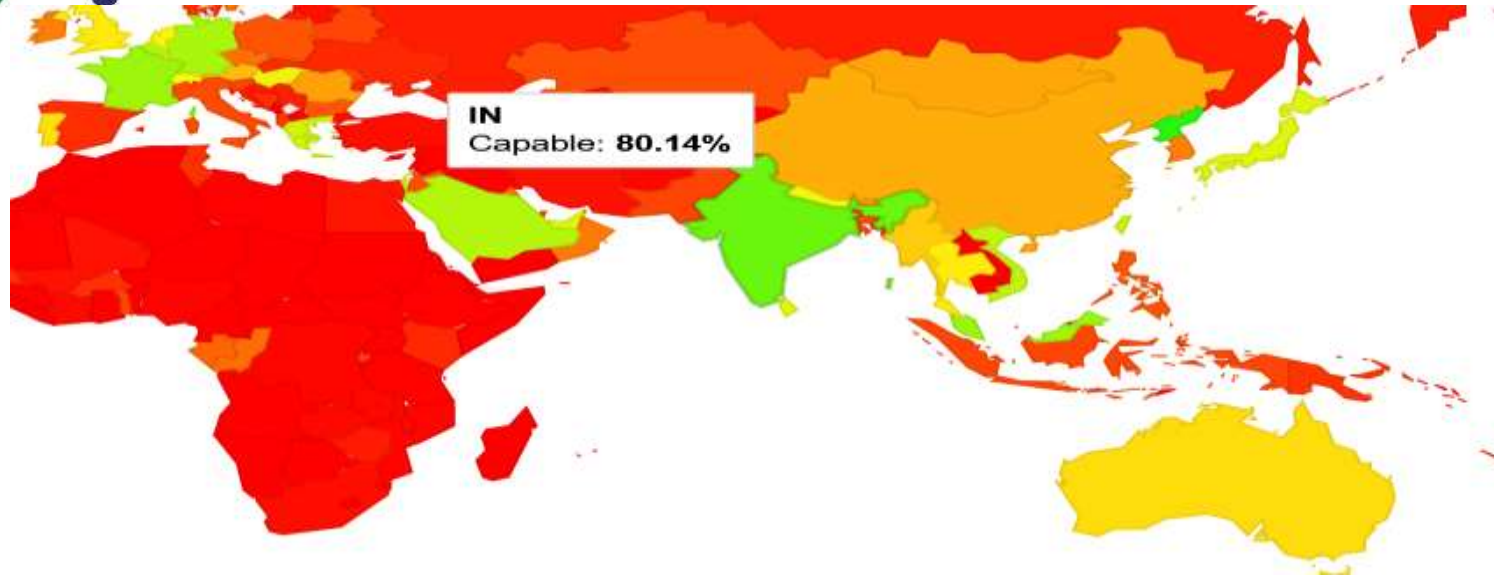
Learn what is the internet, its components or part, and how internet works in detail with animations. Intern...



# Awareness among community via trainings

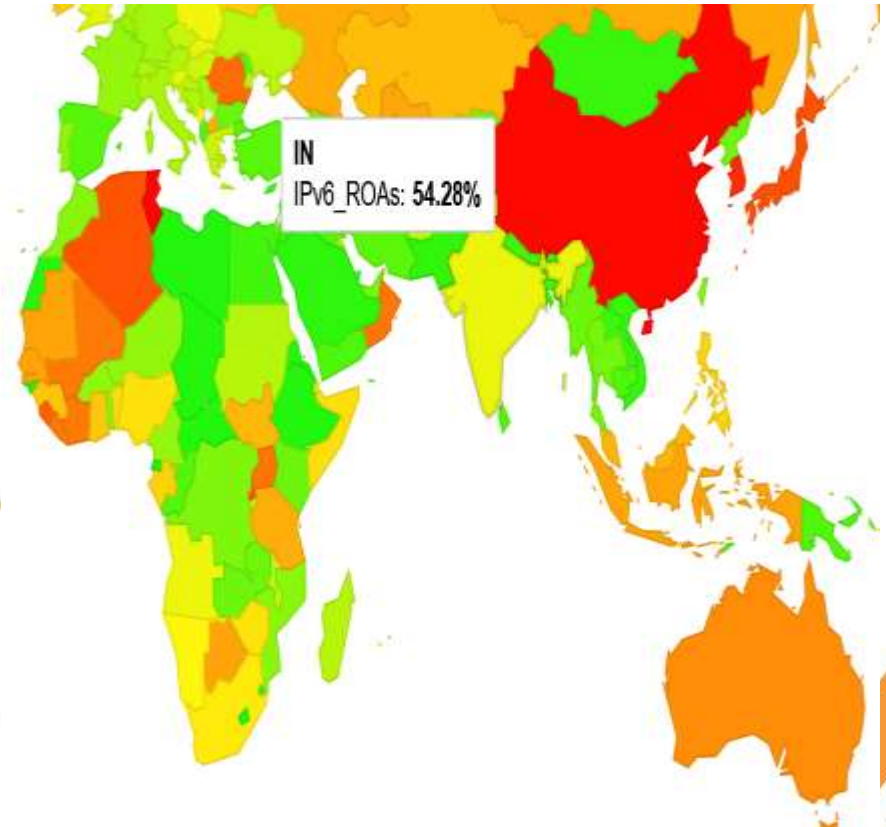
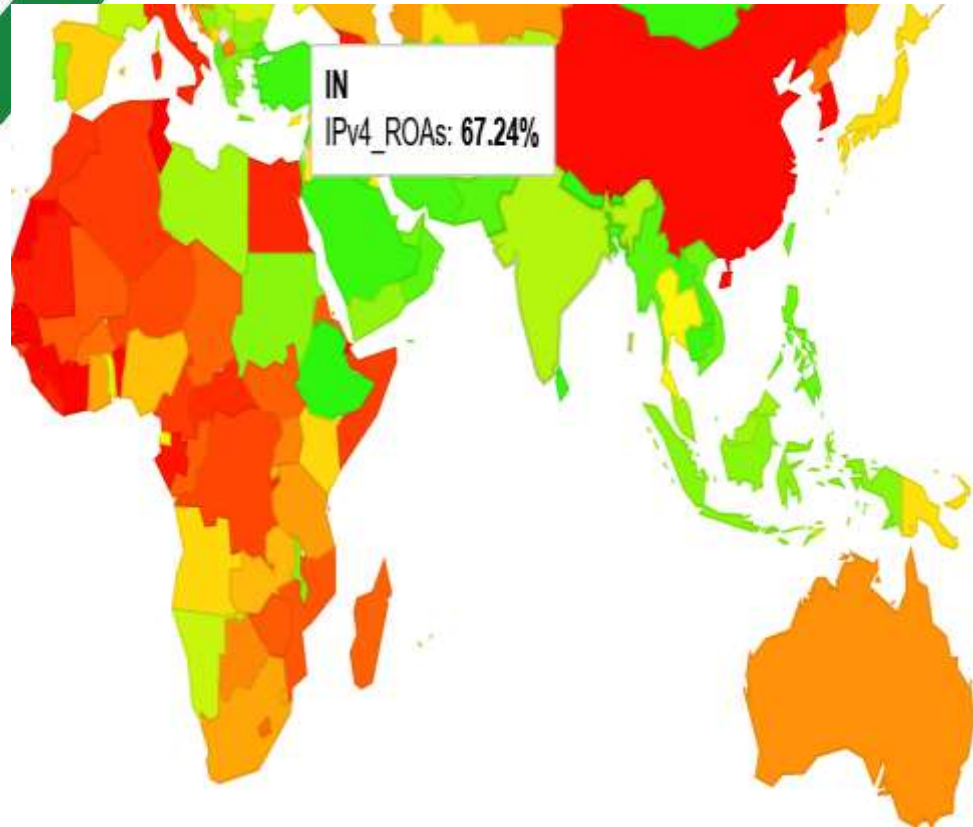
- Webinar on IPv6 Configuration/Implementation with different transaction mechanism conducted by the trainers from APNIC on 21st Nov, 2023.
- Webinar on BGP introduction, Establishing BGP sessions, BGP configuration and Troubleshooting on 12th December, 2023.
- Webinar on "IPv6 Security" is being organized for the internet community on 11th Jan 2024 by APNIC community trainer.
- Webinar on DNS Security, Threat and Mitigation on 13th February, 2024. More than 350 participants attended the session.

# IPv6 Adoption



ASN	AS Name	IPv6 Capable	IPv6 Preferred	Samples
AS55836	RELIANCEJIO-IN Reliance Jio Infocomm Limited	97.17%	96.29%	32,255,265
AS45609	BHARTI-MOBILITY-AS-AP Bharti Airtel Ltd. AS for GPRS Service	90.98%	90.39%	16,950,365
AS38266	VIL-AS-AP Vodafone Idea Ltd	85.48%	84.74%	3,573,064
AS24560	AIRTELBROADBAND-AS-AP Bharti Airtel Ltd., Telemedia Services	59.26%	58.75%	3,098,578
AS45271	ICLNET-AS-AP Idea Cellular Limited	83.31%	81.26%	2,363,899

# ROA/RPKI Adoption



# Convergence India Expo - 2024

NIXI and APNIC jointly participated in the 31st Convergence India Expo held from 17th to 19th Jan, 2024.





# Thanks