



NIR SIG @ APNIC48
10 Sep, 2019
Chiang Mai, Thailand

IRINN Updates

Indian Registry for Internet Names and Numbers

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Statistics

IRINN Affiliates Status

IRINN Resource Allocation Status

Number of Affiliates

State Wise Affiliation Status

IRINN ASN Allocation Status

IRINN Activities



Statistics



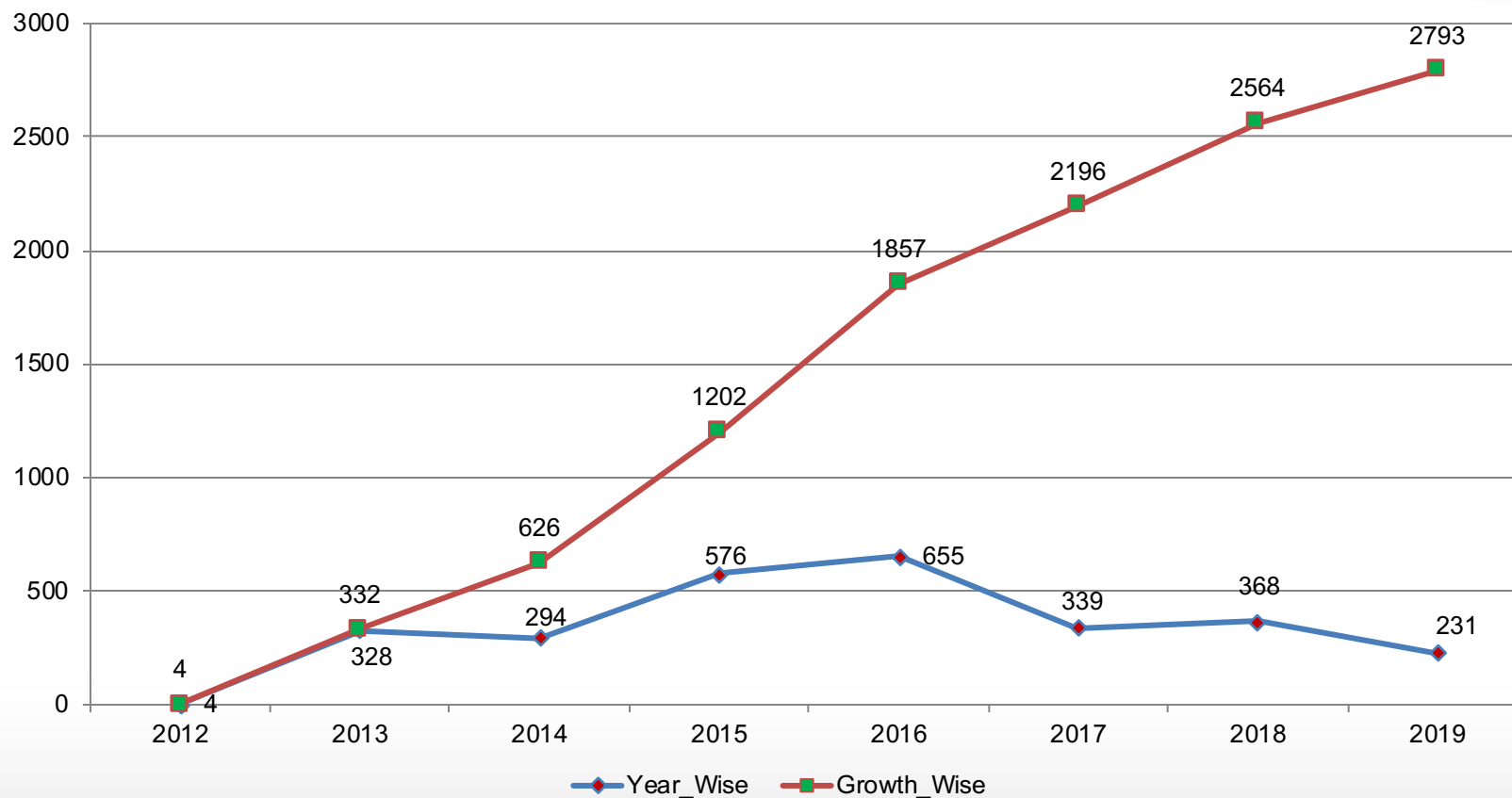
- Total Affiliates as on 06/09/2019 - 2793
- Transfer from APNIC – 183
- New Affiliates - 2610
- Who have only IPv4 Address – 2244
- Who have only IPv6 Address - 3
- Who have IPv4 and IPv6 both Address - 546



IRINN Affiliate Status



Growth wise Affiliate status





IRINN Affiliate Resource Status



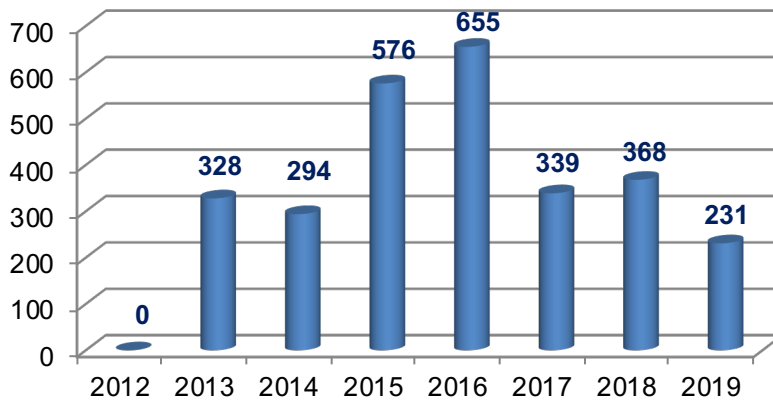
- Allocation of IPv4 till date : 10,883,584 (10.9 Million)
- Allocation of IPv6 till date : 6,073,440,256 of /56 (6 Billion of /56)
- Allocation of ASN till date : 1935
 - ❑ 2 Byte ASN : 200
 - ❑ 4 Byte ASN: 1735



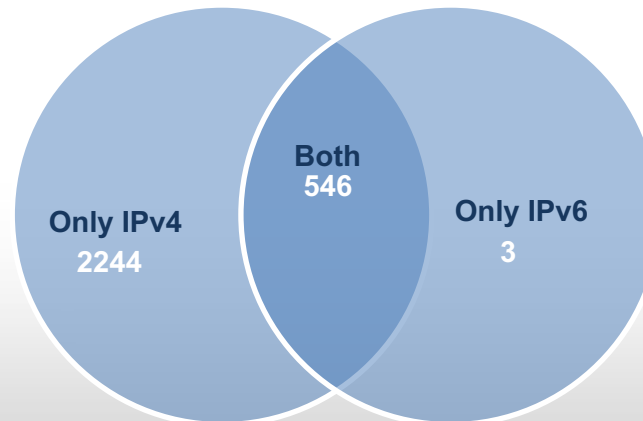
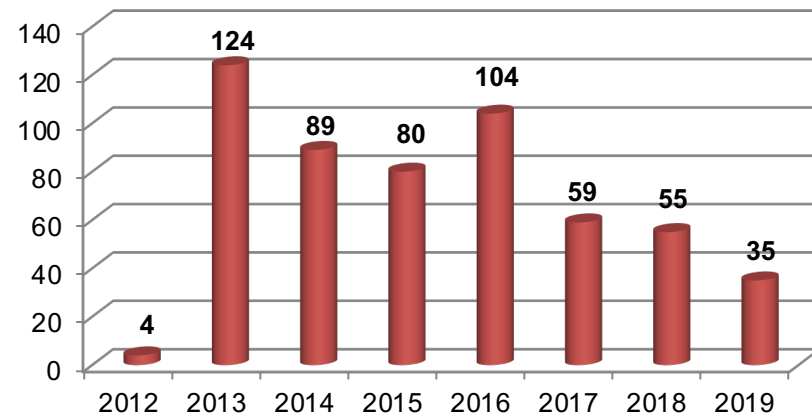
Number of Affiliates



Only IPv4 Allocation Status



IPv6 & Ipv4 Allocation Status

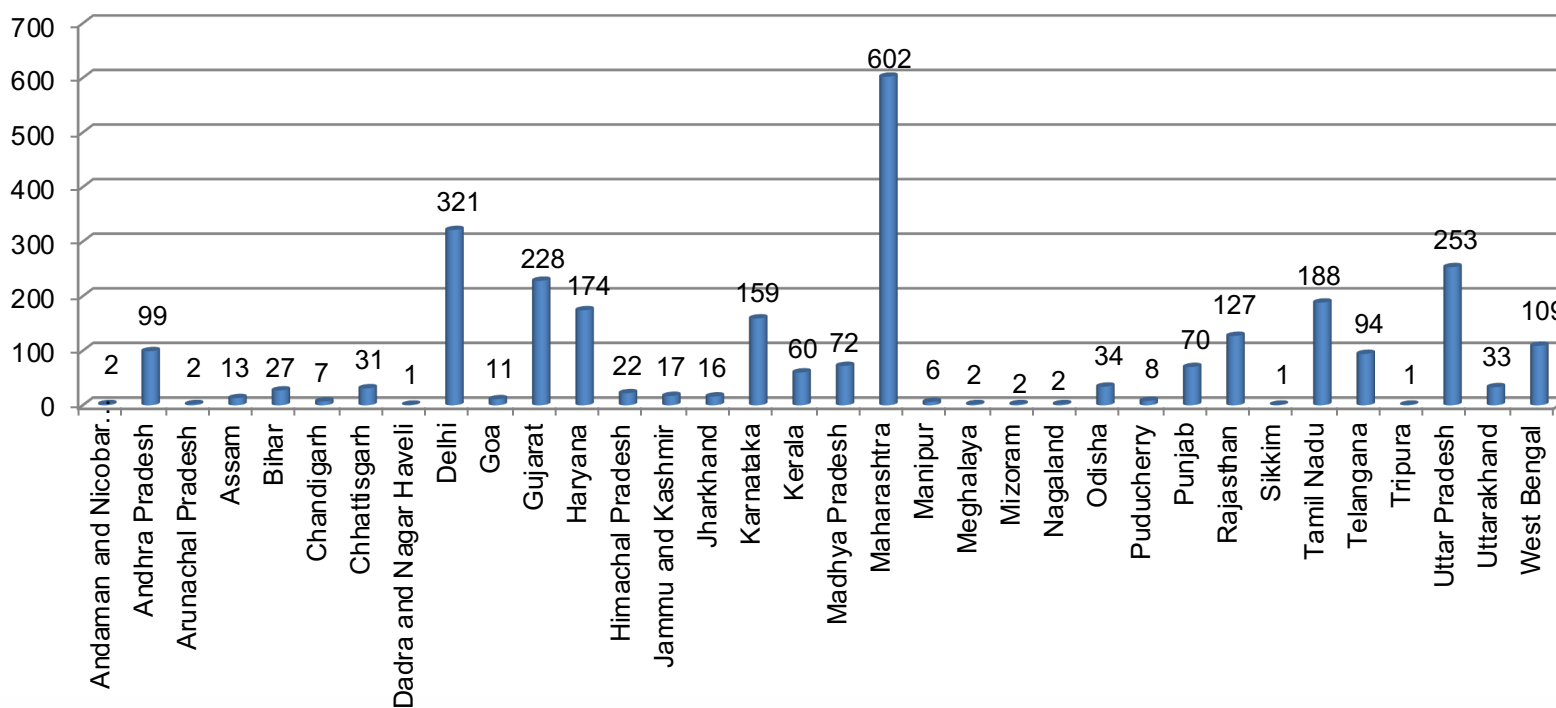




State wise Affiliation Status

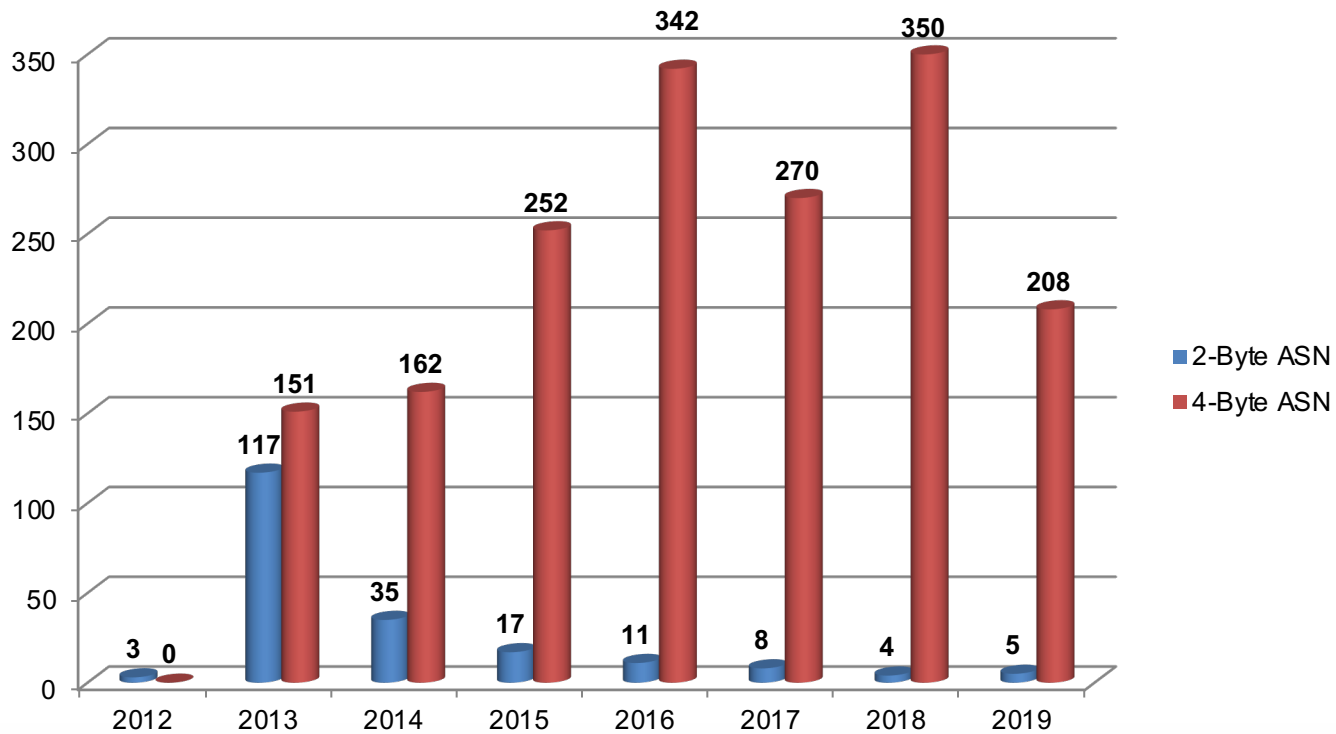


No. of Affiliates





ASN Allocation Status





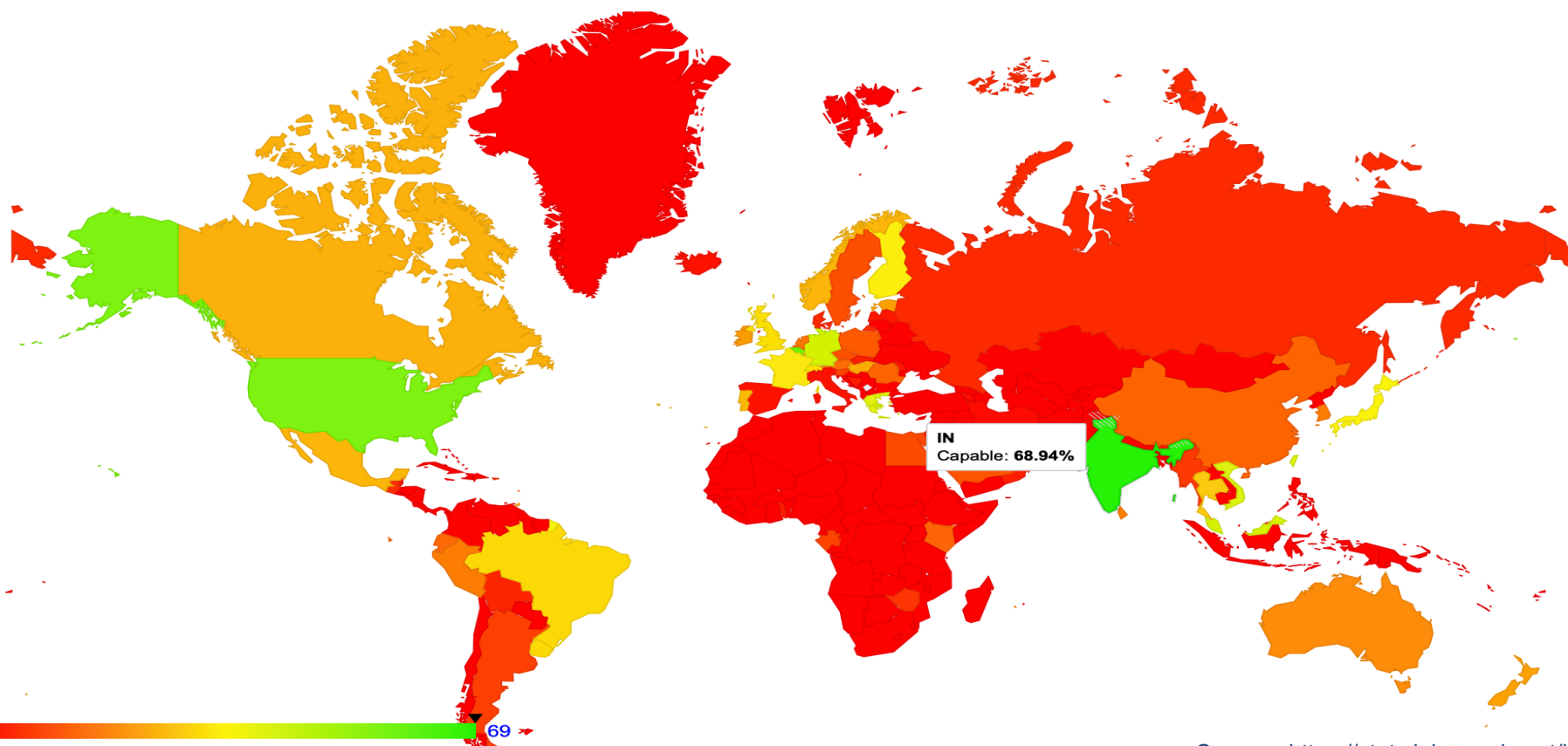
IPv6 propagation in India



India leads in IPv6 adoption : India tops the list of 244 countries

- ✓ Use ratio of 55% approx
- ✓ Highest user base of 333 Mn
- ✓ 68.94 % of IPv6 readiness.

IPv6 Capable Rate by country (%)





IPv6 propagation in India



IPv6 adoption by Telecom/Mobile service providers :

Most of Indian operators are more or less IPv6 compliant

ASN	AS Name	IPv6 Capable	IPv6 Preferred	Samples
AS55836	RELIANCEJIO-IN Reliance Jio Infocomm Limited	93.99%	93.66%	30,107,316
AS45609	BHARTI-MOBILITY-AS-AP Bharti Airtel Ltd. AS for GPRS Service	49.66%	49.41%	10,440,674
AS38266	HUTCHVAS-AS Vodafone Essar Ltd., Telecommunication - Value Added Services	50.63%	50.31%	4,125,198
AS45271	ICLNET-AS-AP Idea Cellular Limited	51.19%	50.65%	3,824,061
AS9829	BSNL-NIB National Internet Backbone	0.08%	0.05%	1,217,859
AS24560	AIRTELBROADBAND-AS-AP Bharti Airtel Ltd., Telemedia Services	0.15%	0.07%	663,049
AS17488	HATHWAY-NET-AP Hathway IP Over Cable Internet	0.13%	0.07%	252,711
AS24309	CABLELITE-AS-AP Atria Convergence Technologies Pvt. Ltd. Broadband Internet Service Provider INDIA	3.34%	3.22%	245,699
AS18209	BEAMTELE-AS-AP Atria Convergence Technologies pvt ltd	5.05%	4.88%	223,173
AS134426	MAHATAA-AS-AP Mahataa Information India Private Limited	11.57%	11.53%	142,080
AS45916	GTPL-AS-AP Gujarat Telelink Pvt Ltd	0.10%	0.05%	122,610
AS133982	EXCITEL-AS-IN Excitel Broadband Private Limited	0.13%	0.06%	108,737
AS9498	BBIL-AP BHARTI Airtel Ltd.	0.45%	0.05%	94,296
AS23860	ALLIANCE-GATEWAY-AS-AP Alliance Broadband Services Pvt. Ltd.	0.09%	0.05%	93,166
AS18207	YOU-INDIA-AP YOU Broadband Cable India Ltd.	0.13%	0.06%	91,933
AS4755	TATACOMM-AS TATA Communications formerly VSNL is Leading ISP	0.16%	0.05%	86,538
AS45769	DVOIS-IN D-Vois Broadband Pvt Ltd	0.32%	0.27%	79,560

Source :

<https://stats.labs.apnic.net/ipv6/AS55836?a=55836&c=IN&x=1&s=1&p=1&w=30>



Activities



6th OPM (30th July 2019) Informational Sessions

- Updated IRINN Affiliates about New policy changes and proposed policy in APNIC.
- Updated IRINN Affiliate Community about the growth of IRINN.
- IRINN Affiliate Community were briefed about any policy proposal and different APNIC policy proposals
- We are encouraging IRINN Affiliates to create ROA objects. After IRINN OPM, till date we received request from around 150 affiliates.





Thank You