



IRINN Updates

Indian Registry for Internet Names and Numbers

NIR SIG@APNIC49 February 2020
Melbourne, Australia



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STATISTICS



IRINN Affiliation Status

- **Total Affiliates as on 10.02.2020: 2873**
- **Transfer from APNIC : 182**
- **Transfer from IRINN to APNIC : 2**
- **New Affiliates (Apr. 2019 to Feb. 2020) : 260**





IRINN Resource Allocation Status

- Allocation of IPv4 till date : 10.9 Million (10,870,528)
- Allocation of IPv6 till date : 6.5 Billion of /56
(6,543,208,192 of /56)
- Allocation of ASN till date : 1895
 - ☐ 2 Byte ASN : 195
 - ☐ 4 Byte ASN : 1700



Number of Affiliates

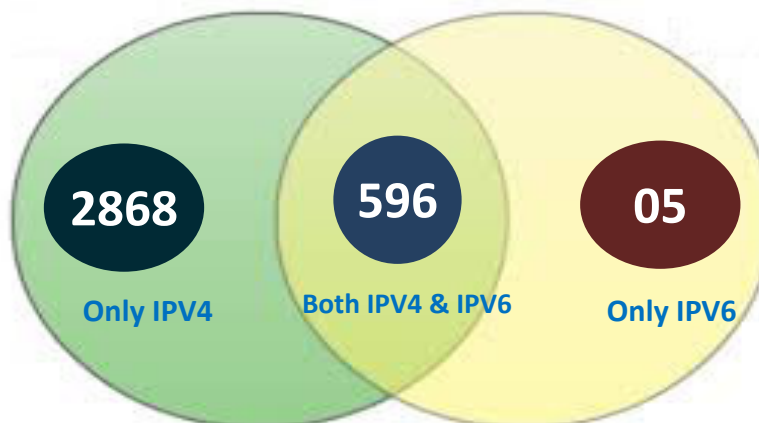
IPv4 Allocation status



IPv6 Allocation Status

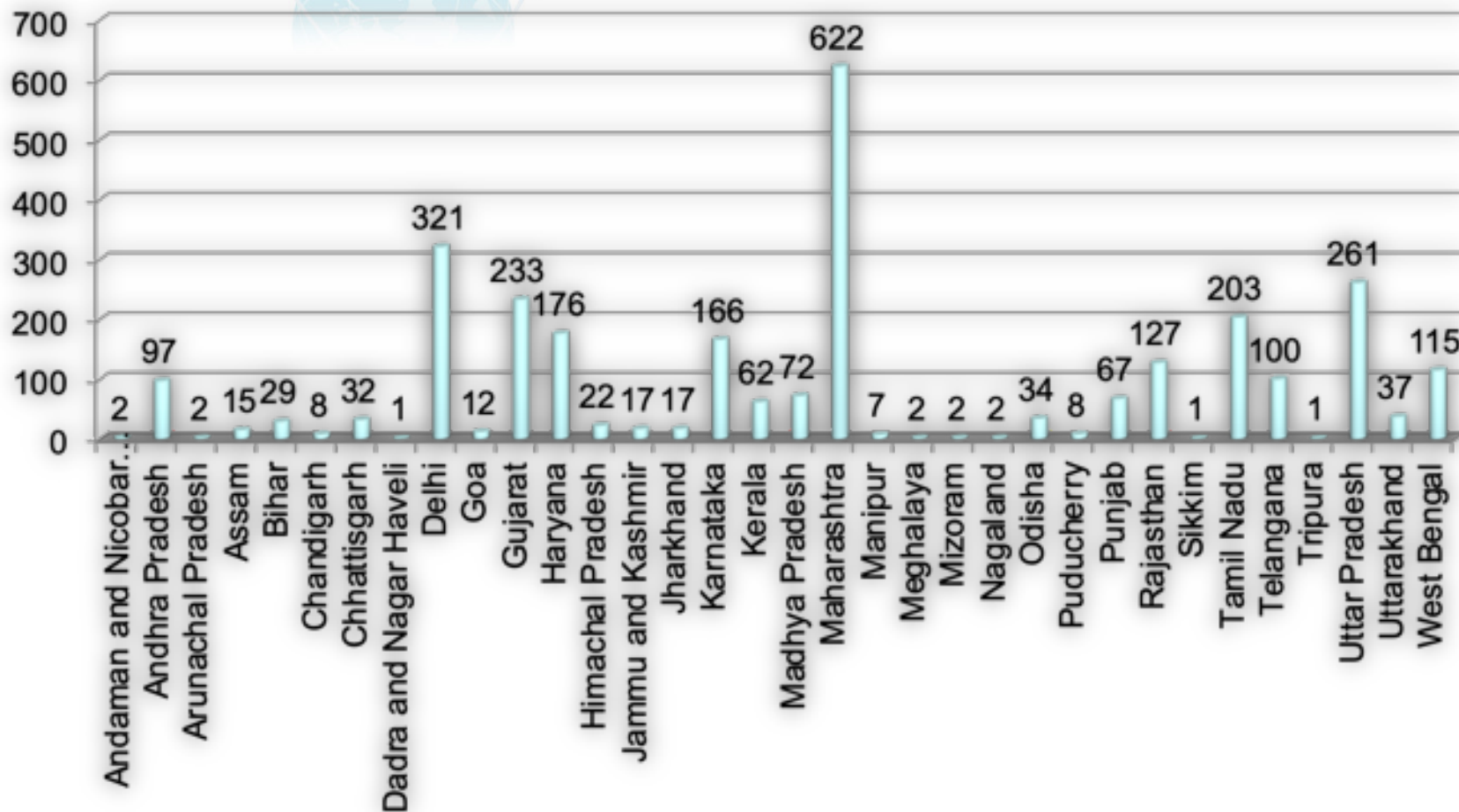


Affiliates



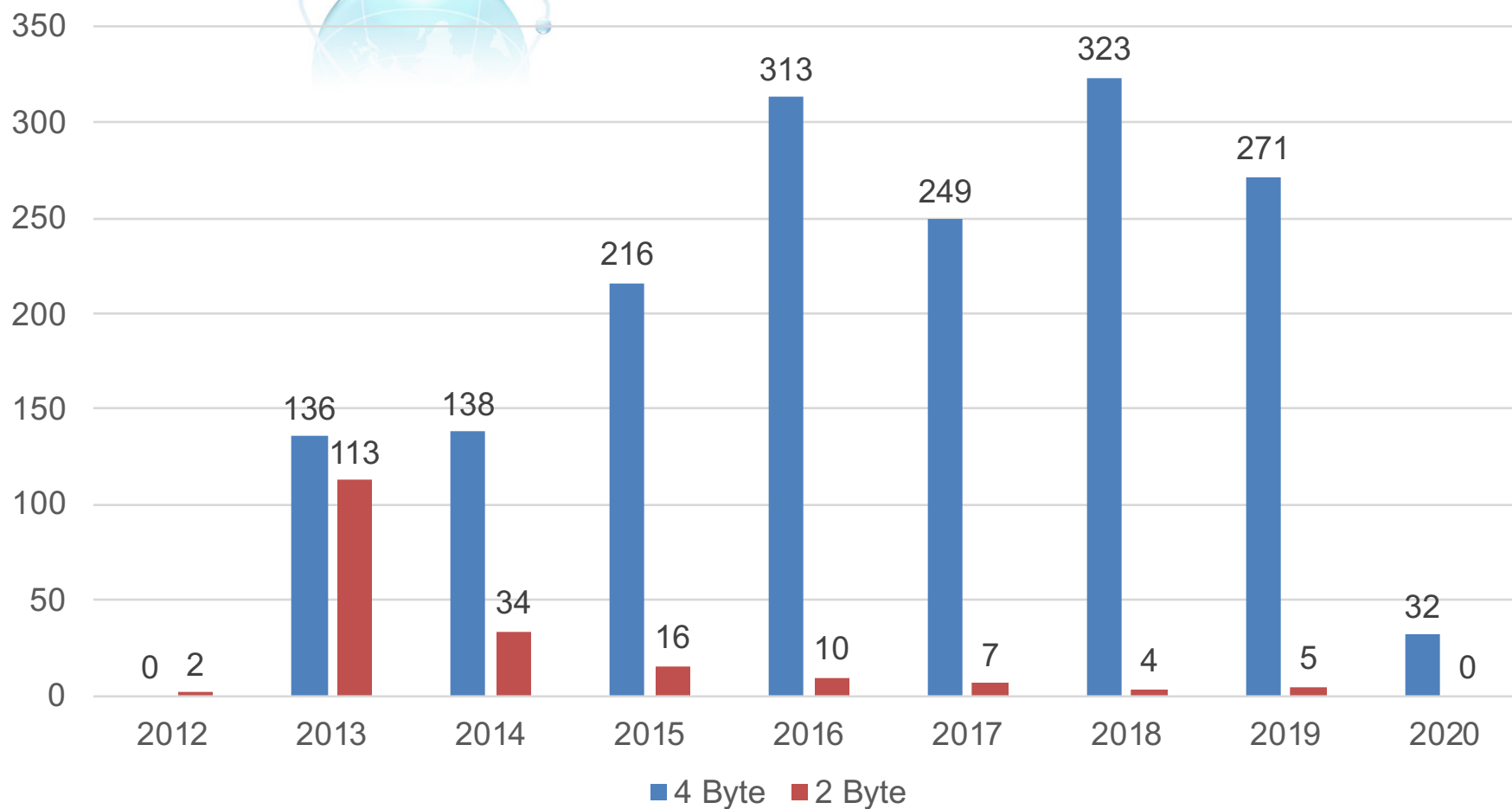


State wise Affiliation Status





IRINN ASN Allocation Status

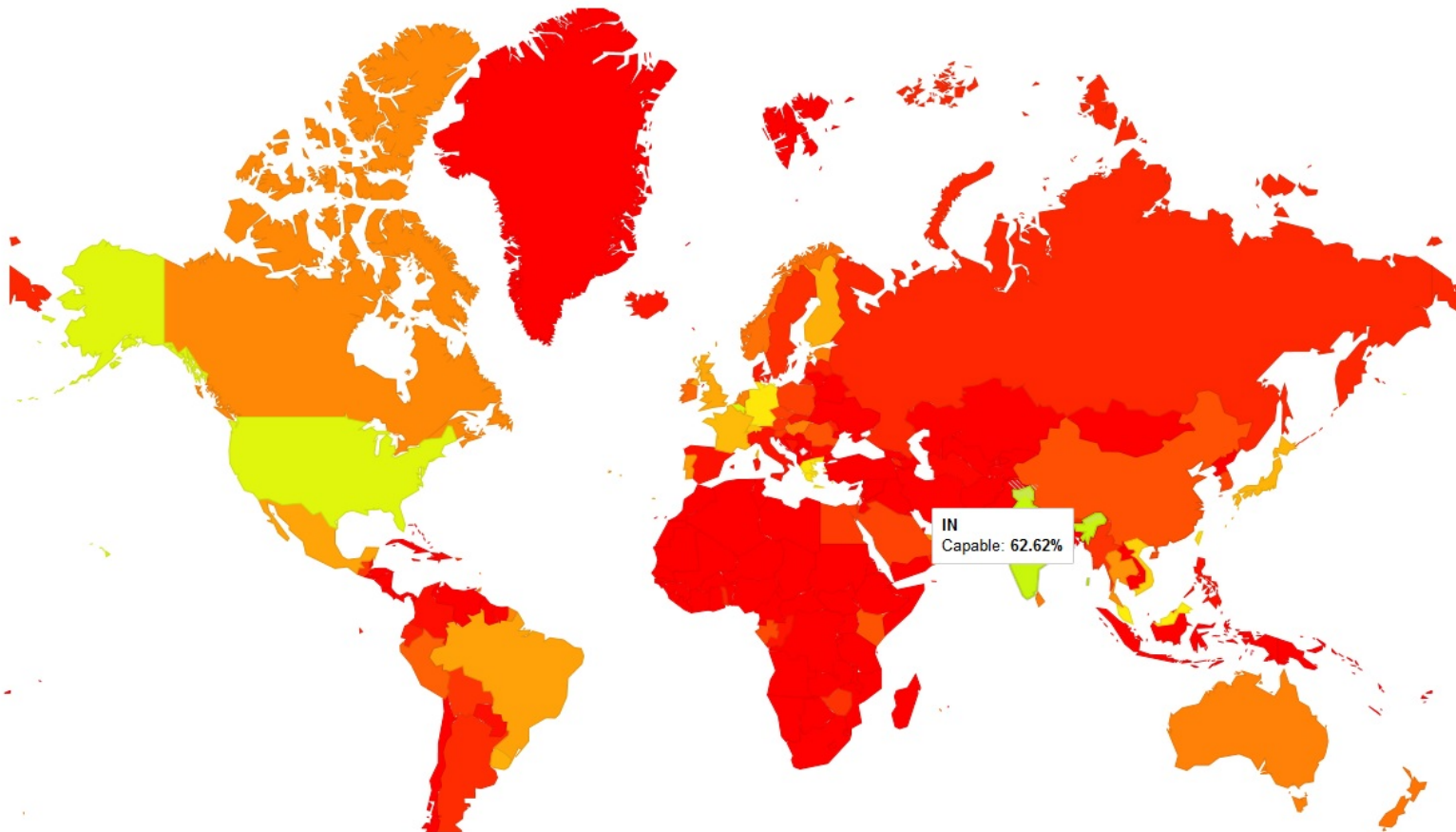




IPv6 Evolution in INDIA

- The graph below present the status of IPv6 capable rate of INDIA (%).

IPv6 Capable Rate by country (%)





IPv6 evolution in INDIA (contd..)

Visible ASNs: Customer Populations (Est.)

Rank	ASN	AS Name	CC	Users (est.)	Value (GDP x Users)	% of country (Users)	% of Internet (Users)	V6 Users (est)
1	AS4134	CHINANET-BACKBONE No.31,Jin-rong Street	CN	286,273,328	2,258,696,557,920	38.64	8.229	28,277,836
2	AS55836	RELIANCEJIO-IN Reliance Jio Infocomm Limited	IN	227,965,793	377,739,319,001	47.96	6.553	212,777,611
3	AS4837	CHINA169-BACKBONE CHINA UNICOM China169 Backbone	CN	124,692,928	983,827,201,920	16.83	3.584	12,882,149
4	AS45609	BHARTI-MOBILITY-AS-AP Bharti Airtel Ltd. AS for GPRS Service	IN	95,171,434	157,699,066,138	20.02	2.736	51,675,907
5	AS9808	CMNET-GD Guangdong Mobile Communication Co.Ltd.	CN	70,189,482	553,795,012,980	9.47	2.018	19,398,011
6	AS7922	COMCAST-7922	US	46,006,303	2,607,637,254,040	15.82	1.323	36,346,760
7	AS4812	CHINANET-SH-AP China Telecom (Group)	CN	38,784,835	306,012,348,150	5.23	1.115	5,233,169
8	AS29465	VCG-AS	NG	37,248,975	75,391,925,400	40.42	1.071	1,109
9	AS38266	VODAFONE-IN Vodafone India Ltd.	IN	36,095,412	59,810,097,684	7.59	1.038	19,858,807
10	AS197207	MCCI-AS	IR	33,908,013	171,811,901,871	83.86	0.975	5,537
11	AS56040	CMNET-GUANGDONG-AP China Mobile communications corporation	CN	29,969,002	236,455,425,780	4.04	0.862	7,983,433
12	AS4808	CHINA169-BJ China Unicom Beijing Province Network	CN	29,620,733	233,707,583,370	4	0.852	4,840,591
13	AS45271	ICLNET-AS-AP Idea Cellular Limited	IN	28,431,952	47,111,744,464	5.98	0.817	16,296,421
14	AS21928	T-MOBILE-AS21928	US	27,273,190	1,545,844,409,200	9.38	0.784	26,415,315
15	AS8151	Uninet S.A. de C.V.	MX	25,837,624	204,866,520,696	43.39	0.743	14,377,211
16	AS36873	VNL1-AS	NG	25,184,690	50,973,812,560	27.33	0.724	819
17	AS22394	CELLCO	US	25,034,487	1,418,954,723,160	8.61	0.72	21,564,291
18	AS2516	KDDI KDDI CORPORATION	JP	22,922,444	893,631,479,340	19.82	0.659	12,663,549
19	AS3320	DTAG Internet service provider operations	DE	22,728,101	958,853,124,988	31.33	0.653	16,675,356
20	AS20057	ATT-MOBILITY-LLC-AS20057	US	22,372,097	1,268,050,457,960	7.69	0.643	17,786,606

* Source: <https://stats.labs.apnic.net/ipv6>



Activities

- Till date IRINN registered 2024 ROA(Route object authorization) prefix of our affiliates.



Thank You