



IP Address Management and IPv4 Transfers in India

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NIR IN INDIA (IRINN)

- Asia Pacific Network Information Center (APNIC) is providing the IP resource allocation services for Asia Pacific Region .
- To provide the IP resource allocation services at the National level by a single agency, APNIC endorses the National Internet Registries(NIR). There were already six NIR as :
 - APJII (Indonesia)
 - CNNIC (China)
 - JPNIC (Japan)
 - KRNIC (Republic of Korea)
 - TWNIC (Taiwan)
 - VNNIC (Vietnam)

In this queue a new NIR adds on for Indian Region.

- APNIC has accorded recognition to NIXI to become the NIR for India during the APNIC 33 after endorsement from Govt. of India .

IRINN Overview

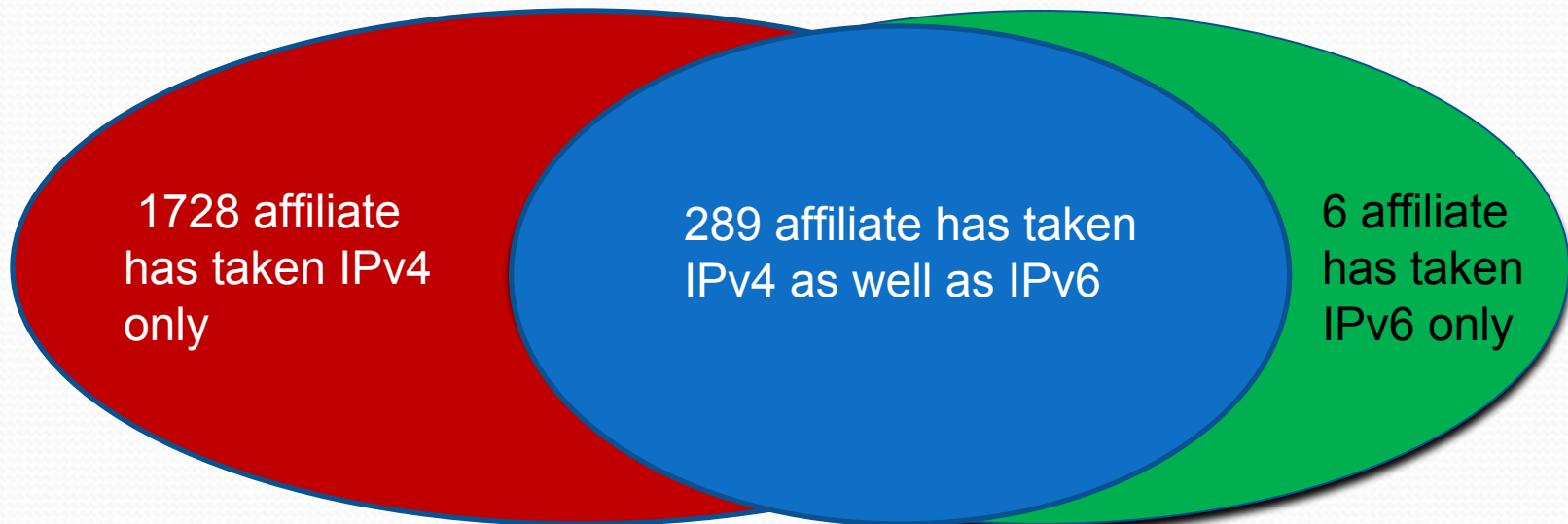
- NIR in India has been named as Indian Registry for Internet Names and Numbers (IRINN), is operational from Dec, 2012.
- IRINN is entrusted with the task of delegating Internet Resources within INDIA.
- IRINN follows a strict Know Your Customer (KYC) Norms. Documents required such as company registration certificate (online verification), PAN, Service Tax registration detail, Board Resolution, Signature proof and Address Proof etc.
- The IRINN delegated IPv4 resources can not be transferred till 3 years(initially), which is now reduced to 2 yrs.
- Most of affiliates are small and medium scale Organizations.



Current IRINN Resource Allocation

- Allocation of IPv4 till date : 8,903,680 (8.9 Million)
- Allocation of IPv6 till date : 3,691,030,272 of /56 (3.6 Billion of /56)
- Allocation of ASN till date : 1152
 - ❑ 2 Byte ASN : 195
 - ❑ 4 Byte ASN: 957

IP Allocation Status



Even after IPv6 is virtually free



Current IRINN Affiliates Status

- Total Affiliates as on 08/12/2016 - 2023
- Transfer from APNIC – 190
- New Affiliates - 1833
- IPv4 Market Transfer – 50
- ASN Transfer- 1



IPv4 Transfer Policy

IPv4 transfer is permitted in the IRINN region if the transfer meets the IPv4 transfer policy which is similar to APNIC IPv4 transfer policy.

- Transfer of unused IPv4 and AS Numbers between
IRINN Accounts
APNIC and IRINN Accounts
- Transfer due to Merger, acquisition or reorganization.
- Transfer of historical Internet resources.
- Transfer fee: Recipient company pays 20% of annual resource fee (one time) to IRINN.
- IRINN refers APNIC broker lists.



Questions

Thank You