New initiatives by NIXI

April 17, 2021
In News: The National Internet Exchange of India (NIXI), today, announced three new initiatives aimed at raising awareness of the IPv6 protocol in India.

NIXI Academy

- NIXI Academy to educate technical and nontechnical people in India to learn and relearn technologies like IPv6 .
- NIXI academy comprises an IPv6 training portal which is developed with the help of various technical experts in order to provide mass training to the community.
- Helps network operators and educators understand networking best practices, principles and techniques; manage Internet resources better; and use appropriate Internet technologies more effectively.

NIXI-IP-index

- NIXI-IP-INDEX portal will showcase the IPv6 adoption rate in India and across the world.
- Used to compare the IPv6 Indian adoption rate with other economies in the world.
- This portal will motivate organisations to adopt IPv6, provide inputs for planning by technical organisations and research by academicians.

IPv6 Expert Panel (IP Guru)

- IP Guru extends support to all the Indian entities who are finding it technically challenging to migrate and adopt IPv6.
- IPv6 expert group will help in identifying & hiring an agency that will help end customers by providing necessary technical support to adopt IPv6.

- Panel guides all such Indian entities and helps in increasing IPv6 adoption.

National Internet Exchange of India (NIXI)

- NIXI is a not-for-profit organization under section 8 of the Companies Act 2013
- Working since 2003 for spreading the internet infrastructure to the citizens of India through the following activities:
    - Internet Exchanges through which the internet data is exchanged amongst ISP's, Data Centers and CDNs.
    - IN Registry, managing and operation of .IN country-code domain and .□□□□ IDN domain for India.
    - IRINN, managing and operating Internet protocol (IPv4/IPv6).

nternet Protocol (IP)

- IP address is a numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication.
- An IP address serves two main functions: host or network interface identification and location addressing.