TELECOM REGULATORY AUTHORITY OF INDIA
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**TRAI releases Recommendations on Transition from
IPv4 to IPv6 in India.**

TRAI today issued its recommendations on 'Transition from IPv4 to IPv6 in India'.

After receiving comments from stakeholders on consultation paper and completing Open House Discussions at Bangalore and Delhi, TRAI had issued the draft recommendations to solicit the comments of stakeholders. Based on the responses received on the draft recommendations, TRAI finalised its recommendations on the subject for forwarding to the Government.

Recommendations :-

The salient features of TRAI's draft recommendations are as follows:

(i) Definition of IP address mentioned in ISP licence needs to be amended to enable 128 bits to be used as needed for IPv6 based addressing, in place of 32 bits at present.

(ii) The usage of IPv6 in the platforms/applications pertaining to e-governance to be mandated, so that headstart is taken for IPv6 deployments. The Govt. should also mandate IPv6 compatibility in its own procurement of IT systems and networks.

(iii) Workshops and seminars to bring awareness about IPv6 and its benefits for service providers and end-users community should be conducted through Govt. agencies.

(iv) Establishment of National Internet Registry (NIR) in the country, within the framework of APNIC, the Regional Internet Registry, utilizing the existing setup of National Internet Exchange of India (NIXI).

(v) Enlargement of the existing IPv6 test bed of ERNET to make it countrywide and accessible to all interested parties.

(vi) Upgradation of NIXI as a national testbed for IPv6 & interconnection among its various nodes to provide access to all ISPs.

(vii) Encouragement to TEC, CDOT, and CDAC to set up the IPv6 testbeds through Govt.'s funding.

The detailed recommendations are available on TRAI's website at: www.trai.gov.in.

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