Government of India
Ministry of Communications & IT
Department of Telecommunications

Date: 16thMay, 2014

Subject: Meeting with Major Service Providers to review IPv6 transition (06th May 2014)– Minutes thereof.

In Chair: Advisor (Technology), DoT.
Participants: A. Representatives of Major Service Providers & Invitees.
B. Officials of NT Cell, DoT

Meeting Agenda

✓ Compliance of network readiness as per the Roadmap.

✓ Status of Service Offering viz-a-viz each LA

✓ Advertisement status of IPv6 service offering.

✓ Customer related commercial information to be displayed on their respective websites.

✓ Transition of Service Providers' website on dual stack.

✓ IPv6 Number of customers and traffic observing and reporting.

Proceedings

Shri A K Purwar, Advisor (T) in the opening address briefed about need for the IPv6 transition across the Service Providers for adoption of IPv6 in the country and said that since the current version of the Internet Protocol (IPv4) has almost run out of free addresses, IPv6 adoption is must for sustainable growth of Internet. Accordingly, the 'National IPv6 Deployment Roadmap Version-I and II' was released by DoT. In addition, Compendium on IPv6 based Case Studies shall be released for the benefit of eco-system by DoT shortly.

2. Shri R M Agarwal, DDG (NT) outlined the IPv6 scenario in the country and said that Service Providers are first stakeholder of the IPv6 ecosystem. Other stakeholders are also ready with IPv6 services, hence It is important that not only major Service Providers but other Service Providers in metros as well as in tier-II and tier-III cities start offering IPv6 services as per timelines of the Roadmap ver-II.

3. Shri N Ram, Director (NT-I) presented the status and progress of IPv6 transition across all the stake holders and especially across the Service Providers.

4. Discussing the agenda points, following salient points emerged:

4.1 Almost all service providers including Tata TeleServices, Reliance Communication, Aircel, Idea Cellular, Uninor, Sify, Spectranet, Asianet, Quadrant, Loop, Tikona, Sistema etc said that their networks are ready for offering IPv6 services to the Enterprise Cutomers. Service offering to the retail customers by some of the Service Providers are also available while rest are in process of offering soon. BSNL and MTNL assured that in this regard they will update their status as per timelines of the Roadmap ver-II (30-06-2014).

4.2 All Service Providers assured that they will soon start educating and advertising the IPv6 service offering to the customer. Customer's related information will also be made available in the respective website.

4.3 Most of the Service Providers said that their DNS servers have been upgraded and are IPv6 ready.

- ✓ Provision of allotment of IPv6 address to every Enterprise/BB Customer by default.

- ✓ Utilization of TEC test bed for testing purpose

- ✓ Self-Auditing of the network readiness: Status and reporting.

- ✓ Readiness status of Data Centres, DNS server etc.

- ✓ Any other issue with permission of the Chair.

4.4 Most of the Service Providers are also maintaining Data Centres and they submitted that those Data Centres are on dual stake.

4.5 All Service Providers agreed that they will carry out self-auditing of their network with regards to IPv6 service offering and soon they will submit the report to DoT.

4.6 All were requested to update information of the attached format in 7 days' time.

4.7 Some of the Service Providers said that they are in process of transiting their website on dual stake and by Dec 2014, the websites will be on dual stake.

5. DDG (DS) said that there are more than 300 ISP's in the country and major operators too have ISP licenses. They all have to comply obligations of IPv6 transition with the timeline outlined in the National IPv6 Deployment Roadmap ver-II released by Hon'ble Minister of Communication & IT.

6. BSNL and MTNL were asked to carry out their internal assessment with regards to IPv6 service offering in 15 days' time and subsequently update the DoT with regards to the agenda points and IPv6 service offering across their License Area and accordingly a meeting with BSNL & MTNL will be scheduled in a month.

The meeting concluded with thanks giving.

Sd/-
(S K Madhukar)
ADG (NT)

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6. Sr. DDG, TEC, DoT, for information please.
7. DDG (DS), DoT, for information please.
8. All participants and Major Service Providers.
9. Director(IT-2), DoT for uploading in the DoT website
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