

**F. No. 2-5/2011-NT**

Government of India  
Ministry of Communications & IT  
Department of Telecommunications  
Networks and Technologies Cell

**Dated: 28<sup>th</sup> April, 2012**

**Subject: Meeting of Service Providers, Content Providers, Applications Providers and Vendors – Minutes thereof.**

Meeting of Service Providers, Content Providers, Applications Providers and Vendors was held on 23<sup>rd</sup> April, 2012 in Sanchar Bhawan under the Chairmanship of DDG (NT), DoT. It was attended by DDG(I) and Director from TEC and representatives of Service Providers, Content Providers, Applications Providers and Vendors.

Dir (NT) welcomed all participants. He said that it was combined meeting of Service Provider, Content Provider and Application Provider so as to address a number of issues interlinking all three providers and vendors .

Shri R M Agarwal DDG (NT) in his opening address, thanked all the major service providers for making their networks IPv6 ready in the last financial year, hence, meeting a major target. He said that DoT has also empanelled eleven consultants for consultancy for IPv6 implementation/migration. TRAI has also recommended starting the IPv6 services by 2012. NIC is asked to prepare IPv6 migration plan for making available all Government websites onto IPv6.

Further DDG (NT) said that the content providers are not in very good state as far as IPv6 service is concerned, and the same has little penetration among the common people. We are continuously holding meetings and it is time that we put extra effort in this direction.

Shri N Ram Dir (NT) gave presentation regarding IPv6 readiness. Shri R M Agarwal, DDG (NT) said that BSNL is lacking focus for IPv6 readiness and little implementation step is visible. Shri Raman BSNL said that some testing is going on for Mobile and B/B, and It would need one month's times to offer IPv6 services. DDG (NT) told to Shri Raman that kindly convey the message for completing this targeted work to highest authority of his organization.

For MTNL, DDG (NT) said that there is focus for IPv6 readiness but implementation steps are missing. Sri Mukesh Lal DGM (IT), MTNL C.O. said that they were in validation stage and major problems had been solved. DDG (NT) said that it is time to focus on the retail customers and reminded that Mr Latif Ladid President, World IPv6 Forum, had said that in this transition phase, BSNL and MTNL had major role to play.

Shri Sandeep Gupta, Manager, Reliance Communications Ltd, said that their network is IPv6 ready and by 15<sup>th</sup> May 2012 it would formally offer IPv6 service commercially.

Sri Ramesh Chandra, GM, Bharti Airtel Ltd. said that there is IPDR issue pending to be resolved. DDG (NT) said that a separate meeting could be called for next level of deliberations. India is first country who is pushing most vigorously. We have 600 mn B/B users. The transition phase has to be a business case. Government is playing role of facilitator.

Shri Dinesh Chandran, Sr. Manager, Asianet Satcom Ltd said that the ipv6 services are under validation and by one month's time, they would start offering the services.

Shri R K Mehta, Head Regulations, Quadrant Televentures Ltd said that their network is ready on dual stack.

Shri Nandan Singh, Sr. Manager, TTSL said that they have nearly 10 enterprise customers on IPv6.

Shri Lokesh Bhardwaj, Manager, Spectra ISP Network, informed that they are offering IPv6 services and have couple of enterprise customers, BHEL is one of them.

SSTL representative told that network wise they are ready and tested with Dongle, Data card etc. equipment. Business team is formulating plan to expand retail customer base.

Shri Naveen Dhar, Manager, Tata communications Ltd. said that they are offering IPv6 services and have couple of enterprise customer but no retail customers.

Shri Sanjay Singh, Sr. Manager, Aircel said they are ready to offer IPv6 services and have already procured DNS server.

During the discussion, Participants discussed a number of issues and they were answered suitably. Sri Pankaj Kumar, Director, TEC described issues and requirements for put a website on dual stack. Shri R R Mittar, DDG (I), TEC gave presentation on TEC Test bed which is under validation.

Following actionable points immersed out of the discussion:

1. Every Service provider would provide a link to the IPv6 Activity in the DoT website. This activity would be completed by not more than one month time.
2. All Service/Contents/Application providers shall make available their website on the Dual Stack.
3. Customer related commercial information is to be displayed on the respective website.
4. Completed Questionnaire would be submitted to NT cell by all.
5. Next meeting onward, CDN providers could also be invited to participate as a Stakeholder.
6. RBI, SEBI and similar regulators including SBI should be taken in loop for holistic approach for the transition/migration.
7. Suitable methodology need to be evolved for auditing of completion of IPv6 migration.

DDG (NT) called upon all the participants to contribute with inputs and suggestions for next India IPv6 deployment Roadmap Ver-2, which targets substantial transition by 2020.

The meeting ended with vote of thanks by Shri N Ram, Director (NT), DoT.

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

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4. Sr. PPS to Administrator (USOF)
5. Sr. PPS to Advisor (T)
6. All participants & members of Oversight Committee
7. All members of Steering Committee.
8. All Lead Organizations.

(S K Madhukar)  
ADG(NT)