

2-4/2011-NT  
Government of India  
Ministry of Communications & IT  
Department of Telecommunications

Date: 31<sup>st</sup> Oct, 2013

Subject: Meeting of the Steering committee and the Standing committee held on 29.10.2013– Minutes thereof.

Meeting Agenda

- ✓ Overview of IPv6 Scenario and National IPv6 Deployment Roadmap ver –II.
- ✓ Centre of Innovation.
- ✓ Certified IPv6 Training Courses in India.
- ✓ Awareness Workshops and Seminars for IPv6 Transition.
- ✓ TEC Test bed status and Ready Logo Certification.
- ✓ Standards for IPv6 compliant Handset/ End User Equipment.
- ✓ Testing of GPON & all other C-DoT IP equipment in TEC test bed.
- ✓ IPv6 Pilot Projects
- ✓ IPv6 transition in States/UT's in respect of (a) SWAN (b) SDC (c) National e-GOV progress regarding IPv6 transition.
- ✓ All Govt websites on dual stack.

Participants:

- A. Members of Steering and the Standing Committee
- B. Officials of NT Cell, DoT

Proceedings

Shri R M Agarwal, DDG (NT) welcomed all the participants. Shri R K Bhatnagar, Advisor (T), in the opening address said that till now we have made good progress in IPv6 implementation in the country. Availability of many field officers has added a new dimension in IPv6 transition in various State/UT/Central Govt Ministries/Departments. Additionally, focused ministries including Power Ministry, Finance Ministry and Banking sector etc are being pursued for IPv6 transition. Sri R M Agarwal DDG (NT) added that because of initiatives taken by Advisor (T), we can proudly say that India is leading in IPv6 implementation.

2. Shri N Ram, Director (NT I) presented overview of IPv6 scenario in the country, working groups, status of major services providers, awareness workshops etc. He said that purpose of Activity sheet was to achieve awareness and preparedness for IPv6 transition and further to have substantial IPv6 transition in line with National IPv6 deployment Roadmap version –II, an 'IPv6 Adoption Milestones' have been prepared and is in process of sending to Government Organisations.

3. Sri R M Agarwal DDG (NT) said that our workshops are moving in regular manner and Secretary (T) has insisted upon Department specific presentations. DDG (NT-CG) informed that the activity sheet submission and nodal officer appointment by all the Central ministries/department will be completed shortly.

4. DDG (I) TEC presented the status on TEC test bed and intimated that the test bed is ready. It was also informed that there are fee as prescribed by IPv6 World Forum. For Handset standardization, GR for handsets are issued and Test procedure is in process of release.

5. C-DoT informed that their internal network is IPv6 ready, GPON equipment is successfully tested for IPv6 readiness and further, transition of application is a bit challenging.

6. Dr Govind, Sr Director, DietY informed that the pilot projects are in process of implementation in Karnataka, Himachal Pradesh, Tamilnadu, Chhattisgarh etc.

## Meeting Agenda

- ✓ IPv6 Address allocation plan / Policy for all Govt Organisation.
- ✓ All Websites registration on dual stack.
- ✓ Awareness of INNIR in Govt sectors & Address allocation.
- ✓ Progress regarding IPv6 transition across Govt Organisation.
- ✓ Progress of Services Providers, Application and Content Providers.
- ✓ Advance level training for DoT Officers for faster and complete IPv6 transition.
- ✓ Any other issue with permission of the chair.

7. Shri R S Mani Sr. Tech. Director, NIC said that work with regards to making all Govt websites on dual stack are going on, logs and security issues is under process of analysis. DNS Servers are IPv6 ready. It is expected that by Dec 2013, about 2500 Govt Websites will be transited to dual stack. NKN, SWAN and SDC's have allotted IP addresses. The observed traffic of IPv6 are low at present. DDG (NT) requested NIC to provide list of all websites maintained by NIC.

8. NIC also informed that State Data Centers are managed by the States. Maharashtra is ready with SWAN and State Data Centre on IPv6 (dual stack).

9. Prof. A B Samaddar said that Institutional Institutes across the country must be focused for the IPv6 transition initiatives. DDG (NT) said that there are efforts already in place along with the HRD ministry. Prof Samaddar requested for copies of the communication with HRD ministry for further persuasion at his level.

10. Sri Jagraj Singh, DGM MHA said whether it is possible to know network topology and address allocation with respect to geographical area for many administrative purposes. It was intimated that IP address allocation is not as per the geographical areas and in most of the cases, ISPs are determining the blocks of addresses and allocations are not in the contiguous manner.

11. For '.IN' registry, It is conveyed to all registrars that all new registry and renewal should be done on dual stack, The Data Centers also are being targeted. As of now 373 affiliations have been reported.

12. DDG (NT) suggested DeitY, NIXI, C-DOT to provide case studies for inclusion in the compendium to be released this year.

13. While concluding the session, Shri R K Bhatnagar, Advisor (T) remarked that we are getting good support across the stakeholders in IPv6, M2M area. We are one of few Governments in world to have such persuasion. He wished great success to the Industry and better avenues.

Meeting concluded with thanks giving by DDG (NT).

Sd/-

(S K Madhukar)

ADG (NT)

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Copy to:

1. Sr. PPS to the Secretary (T), DoT, for information please.
2. Sr. PPS to the Member (T), DoT, for information please.
3. Sr. PPS to Member (F), DoT, for information please.
4. Sr. PPS to Administrator (USOF), DoT, for information please.
5. Sr. PPS to Advisor (T), DoT, for information please.
6. Sr. DDG, TEC, DoT, for information please.
7. All participants & members of Oversight Committee, Steering Committee and Standing Committee
8. Director( IT-2), DoT for uploading in the DoT website
9. Office Copy.

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