

**Government of India**  
**Ministry of Communications & IT**  
**Department of Telecommunications**  
**NT Cell**

*File No. 2-4/2010-NT*  
*Date : 04<sup>th</sup> June 2012*

**Subject: Minutes of Meeting of Steering Committee and Standing Committee dated 25<sup>th</sup> May' 12**

## AGENDA

- ✓ Progress regarding IPv6 imp./migration
- ✓ All Govt. Websites on Dual Stack
- ✓ All Websites Registration on Dual Stack
- ✓ TEC Test Bed Status
- ✓ Standards for IPv6 compliant Handset
- ✓ Promotion of IPv6 in educational Institutes
- ✓ IPv6 Pilot Projects
- ✓ IPv6 Deployment Roadmap Ver-2



IPv6

### Participation:

- a) Members of Steering Committee
- b) Members of Standing Committee
- c) Representatives of Empanelled Consultants.

(Details are listed in Annexure -1)



IPv6

### Proceeding and Points Discussed

Shri R M Agarwal, DDG (NT), welcomed all participants and said the target for the launch of IPv6 service was March 2012. He added that we used to have separate meetings but to have holistic approach and save time, the two meetings were merged.

1. Shri N Ram presented the Progress, Policy Decision, Working Groups, Status of Major Service, Awareness Workshops, Empanelled Consultants, Newsletters etc.
2. DDG (NT) said that Major Service providers are ready and to get the actual and effective migration to IPv6 Content & Application Providers are also in the migration process.
3. Shri R S Mani Sr Tech Manager, NIC said that for all Government Websites, NIC is evaluating security aspects. Once the evaluation completes, all websites would be migrated and NIC would complete this by three months.
4. For TEC Test Bed, Shri RR Mittar DDG (NGN), TEC presented the Test Bed at TEC and said the same is ready for the test as per the procedure of given RFC. TEC is working for IPv6 ready logo certification and would approach the World Forum in June 2012. At present, the 'Don't Discloser Agreement' sent by the forum is put for legal vetting.
5. ERNET added that ERNET is also working for the Test Bed under DIT. DDG (NT) asked whether the same is planned for other parts of the country. ERNET explained that the Test Bed would be on network hence accessible from other parts of the country.

- ✓ IPv6 Address Allocation plan for all Govt Organizations
- ✓ IPv6 transition in States/UT's in respect of
  - a)SWAN
  - b)State DataCenter
  - c)National e-Gov Progress regarding IPv6 imp./migration
- ✓ Budgeting & Funding of consulting/imp. in States/UT'
- ✓ Awareness of INNIR in Govt Sectors & address allocation.
- ✓ Progress of Application and Content Providers
- ✓ Global IPv6 Summit in India.
- ✓ Participation of DoT in Government Advisory Committee (GAC) in ICANN
- ✓ Activity Sheet for Websites transition to Dual Stack
- ✓ Any Other Issue with permission of the Chair.

6. The Committee discussed the issue of Registration of 'Websites only if it is on dual stack' and it emerged that It might be pursued for the same through the Registrars. Shri N Jain, DDG (DS) added that IPv6 workshops might be organized for Websites Owner, Domain Name Owner and Hoisting Providers. It was concluded that Registrar and Data Center Level workshops should be organized with facility of Remote Participation.
7. The committee agreed that the DoT should have list of IPv6 websites along with Registrars and same might be displayed in the DoT Website. Migration of high usages websites like IRCTC, Banking, PaymentGateways etc should be targeted.
8. The Committee discussed the standardization and testing issues of Handsets and End Users Equipments. It emerged that TEC certification would facilitate achieving Target, achieving uniformity among the End User Equipments and developing related ecosystem.
9. Smt Shikha Mathur, DDG(FEB) said that TERM Cell and CCA unit might be liaison centre for communicating with States/UT's and might act as nodal point on behalf of DoT in the whole ecosystem.
10. Promotion of IPv6 in Educational Institute was discussed and committee felt that a number of organizations are working in their area and hence to have common approach, all might have common repository. NT Cell of DoT would make a group of all. It was emerged that IPv6 should be included in the curriculum and for this the Ministry of HRD might be approached.
11. DIT presented some of pilot projects being carried out.
12. The committee were apprised of IPv6 transition activities, Budgeting &Funding of consultancy/implementation and Address Allocation Plans in Central, States/UT's as stated during previous meetings with Nodal officers of Central, States/UT's Govt. Organizations.
13. Shri Ravindra Singh, Manager, Tech Mahindra said that It conducted two workshops at Delhi & Mumbai and working as facilitator for migrating content & application into IPv6. With the help of ERNET, Tech Mahindra conducted tests and studied effects of transition into IPv6.
14. Shri R S Mani, Sr Tech Manager, NIC said that NIC would provide activity sheet for migrating websites of Government Organizations on Dual Stack.

The Meetings concluded with Thanks giving.

-Sd/-

(S K Madhukar)

ADG(NT)

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Copy to

1. Sr PPS to Member (T)
2. Sr PPS to Adviser (T)
3. All Participants and Committee Members.

## Annexure - 1

### Participants: Steering Committee and Standing Committee Meeting dated 25th May'12

SI No	NAME	DESIGNATION	DEPARTMENT/ Organisation
1	Shri R M Agarwal	DDG (NT)	DoT
2	Shri Nitin Jain	DDG (DS)	DoT
3	Smt. Shikha Mathur	DDG (FEB)	DoT
4	Shri J M Suri	DDG (I)	TEC, DoT
5	Shri R R Mittar	DDG (NGN)	TEC, DoT
6	Shri R S Mani	Sr Tech. Manager	NIC
7	Dr Govind	Sr. Director	Deity, NIXI
8	Shri Aurindam Bhattacharya	G L	C-DOT
9	Shri N Ram	Dir (NT)	DoT
10	Shri Subodh Saxsena	Dir (DS-II)	DoT
11	Shri M K Vimal	Dir (IT)	DoT
12	Shri B K Nath	Director	TEC, DoT
13	Shri Manish K Agarwal	Director	TEC, DoT
14	Shri S K Madhukar	ADG (NT)	DoT
15	Shri Abhishek Singh	Dir DeITY	DeITY
16	Shri Anil Kamboj	SI	CRPF
17	Shri B L Bainoa	AGM (CIF-I)	BSNL
18	Shri Dipak Singh	Director	ERNET
19	Shri Geenapal	DM	BSNL
20	Shri Hitender Singh	AM	BSNL
21	Shri K B Narayanan	Advisor	NIXI
22	Shri Kshem Kapoor	D M	COAI
23	Shri Manoj Kumar	D C	CRPF
24	Shri Naveen Dhar	AM	Tata Communications
25	Shri P K sharma	G M	AUSPI
26	Shri Praveen Mishra	Addl Director	ERNET
27	Shri Puneet Tiwari	Director	ISPAI
28	Shri Rajiv Kumar	System Analyst	NIXI
29	Shri Ravindra Rajput	Sr. Manager	NSTPL
30	Shri Ravindra Singh	Manager	Tech Mahindra