

**2-5/2010-NT**

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

**Dated: 25<sup>th</sup> August, 2011**

### **Minutes of Meeting**

**Sub: IPv6 Standing Committee 2<sup>nd</sup> Meeting ---- Minutes thereof.**

Second meeting of the standing committee was held on 18<sup>th</sup> August, 2011 in Sanchar Bhawan under the Chairmanship of Advisor (T), DoT. It was attended by the following officers:

1. Sh. N K Srivastav, Sr. DDG (TEC),
2. Smt. Shikha Mathur, DDG (FEB), DoT,
3. Sh. R M Agarwal, DDG (NT), DoT
4. Sh. Madhav Reddy, Sr. Technical Director, NIC,
5. Sh. R S Mani, Sr. Tech Director, NIC.
6. Sh. B K Nath, Director (IC), TEC,
7. Sh. R Shakya, Director (Security), DoT,
8. Sh. Subodh Saxena, Director (DS), DoT
9. Sh. Praveen Misra, Addl. Director, ERNET

Shri R.M.Agarwal, DDG (NT), welcomed all the distinguished participants and started the proceedings of the meeting with the agenda points of first meeting and new agenda points as follows:

#### **1. All IPv6 related activities and contents on DoT /TEC websites:**

TEC Website is being updated regularly and all related letters/ circulars and other information of IPv6 is available on TEC website and link has been provided on DoT website. Dir (IT), DoT could not attend the meeting but it was informed that due to some up-gradation work in existing DoT website uploading could not done on DoT website as committed in previous meeting but within a week it will be uploaded. Advisor (T) take a serious note of it and said that it should be done on priority and thereafter updating to be done on regular basis.

#### **2. IPv6 pilot projects: Firm proposals from DIT still awaited:**

DIT officer was not present in the meeting and hence no review could be done on this point, it is second consequent time that no representative from

DIT attended the meeting and thereby this very important issue could not be discussed.

**3. Security wing: Specific case study for the security issues in IPv6:**

Sh. R Shakya, Director (Security), attended the meeting and informed that till date no meeting has been held and no progress has been done on the issue of the agenda point also, but assured that in next 15 days meeting will be called to discuss the security issues and the case study also. It was discussed that C-DOT, CAIR etc should also be called for the security meeting as their feedback will be very useful for the security policy. Advisor (T) said that there may be IPv6 traffic flowing into the network, it should be ensured that same can be monitored.

**4. Up gradation from IPv4 to IPv6: Higher charges by equipment vendors :**

Sr. DDG (TEC) informed that two meetings with vendors have been conducted and it was also tried to discuss the issue face to face in the meeting with ISPAI and vendors but no representative from ISPAI could be present in both the meetings who have raised this point in oversight committee meeting held on 28<sup>th</sup> April, 2011. After discussion with vendors it was found that this is not an issue as they are charging as per the need of the operators and hardware & software changes/ up gradation is required. After discussion it was concluded that this agenda item may be closed.

**5. Short listing of IPv6 Consultants for Government Organizations:**

Sh. N Ram, Director (NT) informed that Expression of Interest (EOI) for empanelment of consultants, has already been floated and scheduled to be opened on 8<sup>th</sup> September 2011 and further action will be taken to evaluate the same on priority to declare the list of short listing as soon as possible.

**6. National IPv6 Address Allocation Policy:**

Sh. Subodh Saxena, Director (DS-II) informed that two meetings have already been held and in the second meeting a representative from APNIC also attended the meeting and he said that APNIC's present policy does not allow a big block for a particular country and it can be discussed further with APNIC. DDG (NT) informed that during the Indian delegation meeting at Brisbane in the last week of July 2011, the matter was discussed with DG, APNIC and as per their suggestion the case has been taken up with APNIC's BUSAN meeting to incorporate the same in APNIC policy. A delegation from DoT is also going to BUSAN for the same. It was also discussed that for these

types of issues a core group can be formed to have interaction with all concerned.

#### **7. Discussions on National Internet Registry (NIR):**

Dr. Govind from DIT was not present in the meeting but it was informed by DDG (NT) that delegation of senior officers of DIT & DOT and a technical team has already visited APNIC and it is expected that NIR will be operational soon.

#### **8. All Nodes of NIXI to be upgraded to make them IPv6 compliant:**

All NIXI nodes have been made IPv6 compliant and it was decided that this agenda point can be closed.

#### **9. All Government Websites to be made IPv6 ready:**

Sh. Madhav Reddy, Sr. Technical Director, NIC and Sh. R S Mani informed that hardware wise everything is ready as on date but to ensure security etc the recorded logs are under scrutiny and after that the 2-3 websites will be made available on dual stack but it will take some more time to do the same.

#### **10. IPv6 Task Force website in DoT: Dual stack as well as only IPv6 website:**

Dir (IT), DoT could not attend the meeting but it was informed that today he has meeting with DDG (NIC) to discuss this issue and same will be done on priority.

#### **11. Rural based IPv6 pilot projects: Funding through USO fund:**

Jt. Administrator (T) was not present in the meeting and the matter could not be discussed.

#### **New Agenda Points:**

#### **12. Lawful Interception & Monitoring System (LIMS) by C DOT:**

DDG (NT) informed that it has been taken up with C-DOT and they will make arrangements for the same by December 2011, as they committed. Advisor (T) said that this issue can also be taken up by the security wing DoT with C-DOT for timely action on the IPv6 compliant LIMS.

**13. IPv6 Compliant guidelines letter issued by DoT to be reiterated again by DIT to all States:**

DDG (NT) informed that letter has been written to AS, DIT for same and it is expected that the same will be done by DIT urgently, however till date no feedback is received from DIT.

**14. Formation of Core committee to look into various issues/doubts and resolving on regular basis:**

DDG (NT) informed that a core committee has been formed to look into various issues/ doubts on regular basis and meeting of the committee will be called for as and when issues/ doubts received from any of the stakeholder, however it was decided that an e-mail can be sent to all State/ Central nodal officers stating the names and emails of the committee member to send the issues to them.

Meeting ended with vote of thanks by DDG (NT).



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Copy to: for kind information, please.

1. Secretary (T), DoT.
2. Member (T), DoT.
3. Member (F), DoT.
4. Administrator, USOF.
5. Advisor (T), DoT.
6. Director General, NIC.
7. Sr. DDG (TEC)
8. Sh. N. Ravishankar, Addl. Secretary (DIT).
9. DDG (C & A), DoT.
10. All the Members of the Standing Committee for necessary action.
11. All the participants of the Standing Committee meeting for necessary action.