



Minutes of the meeting

A meeting was held in the chamber of Advisor (T), Sanchar Bhawan, DoT on 29.10.2012 to discuss the status of **IPv6** in BSNL. The agenda is attached as annexure A after adding the name of the concerned unit that has to take action. The list of participants is attached as annexure B.

Advisor (T) welcomed BSNL officers and gave a brief on the progress of IPv6 implementation in India. A brief note of his observations is as under:

"BSNL will play a major role in IPv6 implementation in the country. Regular meetings are being called by DoT with the Banking and Finance sector to appraise them about Ipv6. At present it is felt that the officers of these sectors are not much aware about IPv6 and need to be educated. Tata and Reliance are ready with the IPv6 network and Airtel will be ready within 6 months. It is felt that BSNL may lose major share in the revenue if these sectors are not provided with IPv6 ready Internet leased lines as and when required by them. The same meetings are normally attended by private telecom operators who send the signal that they can provide IPv6 ready Internet leased lines (ILL). Hence BSNL needs to work on war footing to make the Internet leased line network ready on dual stack. In case ILL is ready on dual stack, BSNL should conduct awareness programs for the officers of these sectors.

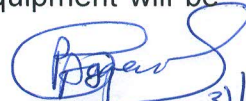
He also expressed that the officers of the EB units (BSNL CO and Circles) need to be educated on IPv6 immediately. They have to be made aware that now BSNL is ready to provide IPv6 ready internet leased lines."

The discussions and decisions as under

1. In order to provide IPv6 Internet leased line (ILL) to the EB customers, a GAP study is required to be done. This GAP should cover all the points after which internet leased line can be provided to EB customers. DDG (NT) agreed to extend help by means of calling key people who will be able to provide necessary information. The starting point of this gap study can be to audit the readiness of Internet leased line network, if the network is already in dual stack for ILL.
2. In case the ILL is already available in dual stack, Sr GM (Trg), BSNL CO should conduct workshops on IPv6 to educate officers of EB units who in turn should educate the EB customers on IPv6 whenever required.
3. Two days training on IPv6 is being organized by DoT on 5th and 6th Nov 12. DoT has asked for BSNL participation and has asked to nominate officers who are actively involved in IPv6 implementation.
4. All the websites of BSNL are to be made ready on dual stack.
5. Sh Vivek Narayan expressed concerns regarding Lawful Interception (LI) in the network post IPv6 migration. Advisor (T) informed that CDoT has taken the

responsibility related to LI. Mr Vipin Tyagi of CDoT can be contacted for getting the required information.

6. Advisor (T) requested the dates by which the 3.22 M broadband equipment will be installed.


Raman Aggarwal 31/10/12
Addl GM (CIT)

Copy to:-

1. Office Copy
2. PPS to CMD for favour of kind information please.
3. Dir (CM) / Dir (CFA) / Dir (Enterprise) for favour of kind information please.
4. ED (CA) / ED (CN) for favour of kind information please.
5. CGM (BBNW) for necessary action please.
6. Sr GM (NP-BB) / Sr GM (IT-CFA) / Sr GM (CNO) / Sr GM (NWO-CM) / Sr GM (Training) / PGM (EB) / Sr GM(EB-1)/ Sr GM(EB-2) BSNL CO for necessary action please.

Annexure A

Meeting with CMD BSNL on 29th October, 2012 at 15.00 hrs

1. Compliance of network readiness as per the target.
As per BSNL letter no 14-01/2010-CIT/IPv6/Vol-II (Pt-2) Dated 23-01-2012
 - -MPLS Backbone of BSNL is enabled in dual Stack mode and is ready for handling IPv6 traffic.
 - -BSNL is able to provide IPv6 to internet Leased Lines customers in dual stack mode.
 - No information provided about retail/Broadband & Mobile readiness.
2. Status of linking the websites with IPv6 activity link of DoT: <http://dot.gov.in/ipv6/ipv6activities.html>. **Action By, CIT Cell, Work Completed**
3. Advertisement status of IPv6. **Action By, CGM BBNW**
4. Customer related commercial information to be displayed on their respective websites. **Sr GM (NP-BB), BSNL CO**
5. Transition of BSNL Websites, Contents & applications on IPv6 (Dual Stack). **Action By CIT Cell, BSNL CO**
6. Number of IPv6 customers and traffic in BSNL Network. **Action By CGM BBNW Circle**
7. IPv6 readiness status of CDN Providers, whose are providing Contents & applications to BSNL. **Action By CIT Cell, BSNL CO**

Annexure B ,

List of Participants

From DoT Side

Shri R K Bhatnagar Advisor (Technology),
Shri R M Agarwal DDG (NT)
Shri N Ram JtDDG (NT)

From BSNL Side

Shri N. N. Gupta, ED (CA)
Shri Raman Aggarwal, Addl. GM (CIT),
Shri Vivek Narayan, Addl. GM (NWO-CM)