

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

No. 4-1/2010-NT/Vol.- II
Date :9th Sept, 2013

Subject: Minutes of Meeting (30th Aug, 2013) – Service Providers Review meeting on IPv6 Readiness Status.

Participation:

- a) DDG (NT), DDG (NT-COI), Dir (NT-III), Dir (NT-Col-1)
- b) Representation from Service Providers as per Annexure I.

Shri R M Agarwal, DDG (NT), welcomed all the participants in the meeting. He briefed about need for readiness of the Service Providers for the proliferation of Pv6 in the whole ecosystem. Ms. Shubha N. Bhambhani DDG (NT-COI) while hailing the idea of such meetings, called for greater industry-DOT interactions and cooperation.

Following was discussed:

1. The compiled status on IPv6 readiness as received from the service providers is placed at Annexure II. The same was discussed in detail. It is evident that the service providers in general in Enterprise section are IPv6 ready (13/17). In GSM segment 2 are ready, in CDMA segment, 2 are ready and in Wire line (BB) segment 7 are ready.
2. It was requested to all service providers that the up-stream and down-stream peering sheet may be submitted by all the service providers as per the Performa already provided by 25th Sep. It was also agreed to find out the ISPs who have not peered on IPv6 so far for follow up on peering.
3. It was agreed in meeting that while filling data, the number of customers should also be reported in the Performa.
4. MTNL has given IPv6 compliance targets as Dec. 2014. It was agreed that case will be taken up with MTNL separately.
5. Some service providers informed that Broadband LI is governed by C-DoT which is technically IPv6 ready and there are no issues for the same. However in case of GSM/ CDMA LI setup is by service providers themselves and needs to be upgraded to support IPv6. The activity is not started in want of IPDR guidelines from DoT. Commercial service offering is on hold accordingly. It was informed by DDG (NT) that issue has been briefed to Sect (T) in oversight committee meeting and resolution will be expedited.
6. Some operators reported that different DoT arms in the states/circles ask for IPv6 compliance in different formats which is difficult to comply. It was decided that the DoT format standardised in consultation with service providers will be shared with all NT field units. All NT field offices will be sensitized to get data in the HQ agreed format only.
7. DDG (NT) requested the operators to offer some useful practical case studies showcasing the IPv6 technological innovations, for the soon to be published compendium by NT Cell DoT HQ. RIL, Reliance Jio Infocomm, MTS, Aircel , TTSL and Vodafone agreed to share their feedback in this regard.

8. It was decided that the IPv6 review meeting will be held on quarterly basis.
9. Director (NT-III) apprised the service provider about the M2M policy initiatives and the linkages between IPv6 and M2M going hand in hand and asked all the operators to be ready for M2M scenario and prospective business. They were also requested to respond to DoT's M2M questionnaire to be released by mid-September.

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



(K.D.Singh)
DIR (NT-Col-1), DoT
(M) +91-9868135317
(E) dirntcoi1-dot@nic.in

Copy to:

1. Advisor (T), DoT for information Pl.
2. All DDG's/ Directors of NT cell.
3. All the participants.
4. All Service Providers.
5. Dir (IT-II), DoT for uploading on DoT website
6. Guard File/ Dir (NT-IV)

Annexure – I : Participation List

Sl. No.	Organization	Full Name	Designation
1	DoT	RM Agarwal	DDG (NT)
2	DoT	Shubha Bhambhani	DDG (NT-Col)
3	DoT	Reena Malhotra	Dir (NT-III)
4	DoT	K.D.Singh	Dir (NT-Col-1)
5	Aircel	Ambesh Bhambri	GM
6	Aircel	Thomas K.Sebastian	Sr.Mgr
7	Alliance Broadband	Kaushik Ghosh	NOC Admin.
8	Alliance Broadband	Dipankar Majumdar	Asstt.Sys.Admin.
9	Asianet Sat Com.	Dinesh Chandran	S.M.
10	AUSPI	Tanvi S. Jamwal	Mgr
11	City com	Ramesh Redhu	Sr.Manager
12	Hathway Cable	Naveen Kumar	Sr.Mgr
13	MTS	Dayaram Goyal	Dy.Dir.
14	MTS	Gagan Deep S.Mann	Asstt. Dir.
15	NSTPL	Ravinder Rajput	Sr.Manager
16	NSTPL	Neeraj Kharbanda	S.N.Mgr
17	RCIL	Amit Mathur	Sr.VP
18	Reliance Jio Infocomm Ltd	Mahipal Singh	RA
19	Tata Teleservices Ltd.	Mukesh Dhingra	DGM
20	Tata Teleservices Ltd.	Nandan Jeena	Sr. Mgr.
21	TCL	Naveen Dhar	M
22	Uninor	Alok Mishra	DGM
23	Uninor	Vishal Gupta	DGM
24	Videocon	Bimal Chopra	DGM
25	Vodafone	Amit Tank	DGM

Annexure – II : Readiness Status compiled based on Service Providers Response:

Sl. No.	Service Provider	SEGMENT READINESS			
		ENTERPRISE	GSM/ LTE	CDMA	WIRESLINE(BB)
1	Asianet Satellite Communications Ltd	Ready	NA	NA	Under Testing
2	Uninor	NA	Jun-14	NA	NA
3	Videocon	NA	Jun-14	NA	NA
4	Tata Communications	Ready	NA	NA	NA
5	Tikona	Under Planning	NA	NA	NA
6	Reliance Jio	NA	Under Planning	NA	Under Planning
7	MTS	NA	NA	Dec-13	NA
8	MTNL	Ready	Dec. 14	Wont be done	Ready
9	Vodafone	Ready	Under Planning	NA	NA
10	Spectranet/ Citycom	Ready	NA	NA	Oct. 13
11	Airtel	Ready	In Progress	NA	In Progress
12	TTSL	Ready	Ready	Ready	Under Planning
13	Aircel	Ready	In Progress	NA	NA
14	Data Infosys Ltd.	Partial	NA	NA	NA
15	Quadrant	Ready	NA	NA	Partially
16	You Broadband	Ready	NA	NA	Ready
17	Idea	NA	Partial	NA	NA
18	VCPL	NA	NA	NA	In Progress
19	DNA	NA	NA	NA	In Progress
20	Swift	Partial	NA	NA	Ready
21	Pace Networks	NA	NA	NA	In Progress
22	D-Vois	Ready	NA	NA	Ready
23	Sify	Ready	NA	NA	Ready
24	SSTL	NA	In Progress	NA	NA
26	Heathway	NA	NA	NA	In Progress
27	BSNL	In Progress	In Progress	NA	2 Year
28	Reliance Communications	Ready	Ready	Ready	Ready
29	Ortel Communications	NA	NA	NA	Ready