

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

No. 4-1/2010-NT/Vol.- II  
Date : 4<sup>th</sup> June, 2013

**Subject: Minutes of Meeting (30<sup>th</sup> May 13) – Service Providers Review meeting on IPv6 Readiness Status.**

Participation:

- a) DDG (NT) and DDG's/ Directors from DoT NT cell and DoT NT field units Delhi.
- 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 restructured NT cell in DoT and IPv6 Deployment Roadmap Ver. II. Further discussions covered the following points:

1. The Roadmap document is available on DoT site at <http://www.dot.gov.in/wireless-finance/ipv6-activities> which may be downloaded by Service Providers and recommendations may be taken care.
2. It was informed that all telecom service providers and ISP having more than 5000 subscriber base will be monitored for IPv6 readiness by DoT, total count of 48. These service providers will ensure uplink as well as downlink peering with other ISP's on IPv6 in time bound manner thereby ensuring that all service providers' transit to IPv6 as per the targets set in **IPv6 deployment Roadmap Ver. II.**
3. The Service Providers IPv6 readiness status was discussed on individual basis. The compiled status is placed at Annexure II which was received from service providers on mail.
4. For the service provider who were there in meeting and not sent status, Videocon and Uninor informed that they have yet to start action on IPv6 readiness. Reliance Communication informed that they are ready and communicated to DoT earlier. Tikona (HCL) informed that they are ready on enterprise front and not sure about Broadband.
5. The IPv6 status reporting format was discussed at length to give accurate readiness status service wise. The agreed format is placed at Annexure III.
6. Service Providers raised issues of non-availability of IPDR guidelines from DoT. It was assured by DDG (NT) that matter will be taken up at appropriate wing in DoT.
7. All service providers were informed that DoT is organising a workshop for Banking sector with IBA on 22<sup>nd</sup> June at Mumbai. It will be in the interest of Service Providers to attend the same. Also nominations were requested as speaker on behalf of all service providers within next 3 days.
8. It was also informed by Airtel that they are facing issues w.r.t. LTE CPE readiness for dual stack owing to chipset vendors. It was decided that Airtel will coordinate with service providers, chipset vendors, wireless network OEM including HLR. A template will be devised by Airtel and details will be compiled based on input available and will be shared with DoT. Accordingly a joint meeting will be held by DoT with chipset vendors/ CPE OEM and Service providers for early redressal of the issue in the month of June itself.
9. It was agreed that the IPv6 review meeting will be held on bimonthly basis.

10. All the service Providers are requested to provide the IPv6 readiness status in the agreed format as at Annexure III and IV by 15<sup>th</sup> June 2013.

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



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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), DoT for uploading on DoT website
6. Guard File/ Dir (NT-IV)

**Annexure – I : Participation List**

<b>Sl. No.</b>	<b>Organization</b>	<b>Full Name</b>	<b>Designation</b>
1	DoT	RM Agarwal	DDG (NT)
2	DoT	DC Gupta	DDG (NT-CG)
3	DoT	Shubha Bhambhani	DDG (NT-Col)
4	DoT	Reena Malhotra	Dir (NT-III)
5	DoT	N. Ram	Dir (NT-I)
6	DoT	KD Singh	Dir (NT-Field)
7	DoT	Manish Rathore	Dir (NT-Field)
8	DoT	Pankaj Salodia	Dir (NT-Field)
9	DoT	Jitandra Kumar	Dir (NT-Field)
10	Aditya Birla Telecom Ltd.	M. Satyanarayana	GM (NW)
11	Aditya Birla Telecom Ltd.	CAJ. Prakash	AVP
12	Aditya Birla Telecom Ltd.	Gagan Deep Bajaj	DGM
13	Aircel	Ambesh Bhambri	GM
14	Airtel	Ramesh Chandra	General Manager,
15	Datacom Solutions Pvt. Ltd. (videocon)	Vikas Garg	AGM (N/W)
16	HCL Infinet Ltd (Tikona)	Tarun Pathak	Manager,
17	HCL Infinet Ltd (Tikona)	Jaspreet Kaur	
18	Reliance Communication	Sandeep Gupta	Manager,
19	Reliance Jio Infocomm Ltd	Mahipal Singh	RA
20	Tata Teleservices Ltd.	Mukesh Dhingra	DGM
21	Tata Teleservices Ltd.	Nandan Jeena	Sr. Mgr.
22	Unitech Wireless Pvt. Ltd.	Vishal Gupta	DGM IT
23	Vodafone	Amit Tank	DGM Plg,
25	You Broadband & Cable India Pvt. Ltd.	Ashish Kumar	Sr. Ex.
26	You Broadband & Cable India Pvt. Ltd.	Rahul Kumar	AGM

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

Sl. No.	Service Provider	SEGMENT READINESS		
		ENTERPRISE	WIRELESS	WIRELIN(BB)
1	Aircel	Ready	In Progress	Not Applicable
2	Quadrant	Ready	Not Applicable	Partially
3	TTL	Ready	Ready	Ready
4	You Broadband	Ready	Not Applicable	Ready
5	Idea	Not Applicable	Partial	Not Applicable
6	VCPL	Not Applicable	Not Applicable	In Progress
7	DNA	Not Applicable	Not Applicable	In Progress
8	Airtel	Ready	In Progress	In Progress
9	Swift	Partial	Not Applicable	Ready
10	Pace Networks	Not Applicable	Not Applicable	In Progress
11	Vodafone	Ready	In Progress	Not Applicable
12	D-Vois	Ready	Not Applicable	Ready
13	Sify	Ready	Not Applicable	Ready
14	Spectranet	Ready	Not Applicable	In Progress
15	SSTL	Not Applicable	In Progress	Not Applicable
16	Asianet	Ready	Not Applicable	In Progress
17	Heathway	Not Applicable	Not Applicable	In Progress
18	MTNL	Ready	In Progress	Ready
19	BSNL	In Progress	In Progress	2 Year

**Annexure – III : Proposed IPv6 Compliance Format:**

Date:	
Name of Service Provider:	

IPv6 Ready Status							
Sl No.	Particular	Particular	Enterprise services status	GSM services status	CDMA services status	LTE services status	Wire line Broadband services status
1	<b>Overall Status</b>	<b>Ready/ Under Testing/ Under Deployment/ Under Planning/ Yet to start/ No plan</b>					
2	Absolute no. of IPv6 Customers						
3	IPv6 Address Block						
4	IPv6 Training to the Staff imparted						
5	Inclusion of IPv6 compliance in product procurement						
6	Running IPv6 trials in organization						
7	Assessment towards readiness for IPv6	Network Equipment					
		Applications					
8	Details of the Core Network	Total Nodes					
		No. of Dual Stack Compliant nodes					
		Target for remaining nodes					
9	Details of the aggregation/ access Network	Total Nodes					
		No. of Dual Stack Compliant nodes					
		Target for remaining nodes					
10	Target Dates for becoming Network Wise IPv6 Compliant	Providing IPv6 transit					
		IPv6 Peering as per enclosed sheet					
		Network Security					
		CPE Equipment					
		Internet Gateway					
11	Target Dates for becoming Application wise IPv6 Compliant	Billing and Charging System					
		Hosted IPv6 Services					
		Web Services					
		DNS Services					
		E-Mail Services					
		Proprietary applications					
		New IPv6 Services/Applications					
		Cloud Services					
Data Centre Services							

