

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

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

Subject: Minutes of Meeting (30th 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 22nd 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 15th 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

| Sl. No. | Organization | Full Name | Designation |
|----------------|--|------------------|--------------------|
| 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 | Overall Status | Ready/ Under Testing/ Under Deployment/ Under Planning/ Yet to start/ No plan | | | | | |
| 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 | | | | | | | |

