

4-1/2011-NT

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

Dated: 29th September, 2011

Minutes of Meeting

Subject: Minutes of the meeting with the Service Providers and Content Providers for IPv6 Policy Implementation

The meeting with Telecom Service Providers and Content Providers was held on 20th September, 2011 at 15.00 hrs at 2nd Floor, Committee room, Sanchar Bhawan for IPv6 Policy implementation under the chairmanship of Advisor (T), DoT. It was attended by the major service providers & Content providers. Shri R.M. Agarwal, DDG (NT), DoT welcomed all the distinguished participants.

Shri J. Gopal, Advisor (T) said that this meeting is to review the progress of the IPv6 implementation across the major service providers and content providers and hoped that they will be ready ahead of December 2011, the target fixed by the Government. He said that India IPv6 task force Newsletter is being released regularly by NT cell. DoT and all concerned are requested to send the suitable articles for coming issues. Country wise address allocation plan and finalization of the IPv6 block requirement for the country needs to be firmed up so that same can be presented to APNIC for allocation as a follow up of the Busan (Korea) meeting. He further said that with the serious efforts of all the service providers, Content providers and Vendors it will be possible on time to provide IPv6 services within the given timelines.

3. Sh. N Ram Director (NT) presented the details of the questionnaire provided by the Major Service providers and all important points of the same were discussed in details with all the present representatives of the respective service providers. It was agreed by all that the data given by them are in line and the target dates as committed by them will be met. Some of the non compliant points were discussed in detail and service providers like MTNL, TCL, and BSNL etc. said that they will provide the revised data soon. DDG (NT) said that Service Providers need to be ready from all angles to offer IPv6 services by the given dates. During discussion the representative from MTNL said that due to vendors involvement in IPv6 migration the target dates given by them is differing in some of the cases. Mr. Naveen Tandon, from AT & T said that they are Pan India IPv6 ready but LIMS issue is pending with C DOT. DDG (NT) said that this is being taken up with C-DOT by the Security Working group headed by DDG (Security) and C DOT has intimated in the meeting that they will be ready with some solution by December, 2011.

3. Mr. Naveen from TCL gave a presentation on India6 network position as TCL is the lead organization in this group and was entrusted to prepare the India6 report. He said that after going through the data given by BSNL, TATA, Airtel & Reliance it emerged that India6 network is ready and user can get IPv6 services from any of the service providers and if at all the particular service providers are not present in that location they can provide from the nearest node or can have IPv6 connectivity from other Service providers like BSNL etc. and this way from January 2012 end user will be able to get IPv6 services from all the locations.

4. Mr. Anup Pandey from CISCO gave a presentation on the Internet Protocol Data Records (IPDR) issue he said that as per the mandate of the Government IPV6 is to be started by December, 2011 and LI is also to be ready by the given target. He said that Service providers and content providers need to design the procedure how they are going to store the Subscriber information for the LI purposes as this will have to take up at three levels i.e. Service provider level, LI Level and Content providers level. DDG (NT) said that CISCO has got very valid input to be discussed in the IPDR issues being dealt by DS cell of DoT, so it can be referred to DS cell to take inputs from CISCO in this regard.

4. Sh. B K Nath gave a presentation on the brief of the Prop-100 proposal as was presented in BUSAN by the delegation for country wise IPv6 address block allocation. The proposal was discussed in detail and the queries received on the Prop-100 were also discussed. DDG (NT) briefed about the background of the proposal and how it has emerged after the visit of a delegation to APNIC HQ, Brisbane. He also said that Prop- 100 will be discussed in the coming meeting of APNIC in the month of February, 2012 at Delhi and before that we have to be ready with the requirement of the address block for our country.

He said that the country wise address block assessment work has been assigned to the Working group-2 of the task Force for which lead is NT Cell, DoT and co lead CISCO can be entrusted to have this work done on time by next 2 and half months. It was said that for this purpose all major service providers have to assess their address requirement considering their present, future and all other requirements and send the same to CISCO for aggregating and then based on this CISCO will prepare the country wise address block requirement considering the requirement of Major service providers, other service providers and all other government and non government organisation in futuristic way by a suitable mechanism and present it to the WG-2 within three months time.

5. As was decided in the previous Service providers meeting some of the OEMs were called for the meeting. OEMs like CISCO, ORACLE, SAP and Ericsson were called for the meeting and CISCO and ORACLE representative attended this meeting. As CISCO is already the part of Co-Leads in Task force working groups

and ORACLE participated first time so representative from ORACLE Mr. Abhaya Kumar, said that application wise he will revert back soon and clarify in this regard

The content providers said that with dual stack they will be ready by the timelines and there is no hurdle in this regards.

The meeting ended with vote of thanks by Director (NT).



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Copy for information and necessary action to:

1. All Associations for circulating among their members for necessary action.
2. All lead organizations of India IPV6 Task Force.
3. All Service Providers & Content Providers/ Participants.