

4-3/2014-NT
Government of India
Ministry of Communications & IT
Department of Telecommunications

Date: 28thOct, 2014

Subject: IPv6 transition among Content and Application Providers – Minutes of meeting (13th Oct 2014) thereof.

In Chair : DDG (NT), DoT.

Participants : A. Representatives of Content and Application Providers.
B. Officials of NT Cell, DoT

<u>Meeting Agenda</u>	<u>Proceedings</u>
<ul style="list-style-type: none">✓ Actionable Points of The National IPv6 Deployment Roadmap version – II National IPv6 Deployment Roadmap Ver-II: Status & discussion✓ Progress regarding IPv6 implementation / Transition in the Central Govt. Ministry/ Department specially websites in view of target 01-01-2015 by NIC.✓ Issue of IPv6 related direction by Central Govt Ministry/ Department to all their field units/ organisations spread all over the country.✓ Status of IPv6 readiness of Payment Gateway	<p>Shri N Ram, Director (NT-I) welcomed all the participants and in the opening address said that content and application providers are one of important stakeholders in the IPv6 system and hence all are required to adhere to the timelines of the National IPv6 deployment Roadmap v-II.</p> <p>2. Shri R M Agarwal, DDG (NT) in his address said that IPv6 adoption is must for sustainable growth of Internet, seamless delivery of citizen centric services, peer to peer communications etc. There has been focused stress on the implementation of IPv6 across all the stakeholders through policy guidelines, workshops, seminars, newsletters, compendium etc. Government as well as private sector participation is equally important in this endeavor. A number of Govt websites are ready while among the private organisations, large number of major websites and portals are ready on dual stack. It is time that we must think ahead with sight at tomorrow. New equipment, core equipment and data centers are coming with dual stack. RBI too is holding internal meetings and consolidated figure is reviewed by the DoT.</p> <p>3. Shri N Ram presented the status and IPv6 scenario across the stakeholders in the country.</p> <p>4. IRCTC informed that speed, performance and reliability were major goal when the whole website is transited to new infrastructure. The hardware deployed is IPv6 ready. DDG (NT) suggested that IRCTC should go for IPv6 certification in order to validate the transition on dual stack and accordingly IPv6 traffic analysis data may be shared with DoT.</p> <p>5. Shri Vigneshra Criterion presented IPv6 transition strategies.</p> <p>6. The agenda points were discussed and following salient points emerged:</p> <ul style="list-style-type: none">❖ A number of participants including official from Indian Overseas Bank, (IoB), Indian Bank, Oriental Bank of Commerce etc informed that their websites are on dual stake and Net-Banking has been started with IPv6.

- ✓ Listing of Websites under the respective Ministry/ Departments and their transition status.
 - ✓ IPv6 Pilot Project.
 - ✓ Workshop/Seminar/Case Study Status of IPv6 readiness
 - ✓ Any other issue/matter with permission of the Chair.
- ❖ The payment gateways are in process of transition to IPv6 so that e-commerce applications may run seamlessly across the networks.
 - ❖ InfoAge said that except payment gateway related services, other services are ready on dual stack. With transition of payment gateways to IPv6 dual stack, the content and application providers shall be encouraged to make quick transition to dual stack.
 - ❖ One of the banks informed that they are facing problems in procurement of IPv6 ready VSAT equipment. It was clarified that VSAT works on layer-2 (Data Link Layer) level. Yatra.com too informed that they are facing issues with Airtel offering IPv6 services. DDG (NT) suggested that they may send details of the case to the DoT.
 - ❖ Those Content and Application Providers, who are in early stage of transition to IPv6 are in process of transition with timelines. Representative of Jabong, Allahabad Bank, Bank of Baroda etc agree to convey the date of completing the transition.
7. While concluding the meeting, DDG (NT) said that it is the content and application providers which will drive IPv6 traffic and services in the next generation internet which has very ambitious target. There has been considerable progress achieved so far compared to other countries worldwide. National IPv6 deployment Roadmap is one of few policy guidelines which is focussing on the implementation strategy.

Meeting ended with vote of thanks by Director (NT I).

Sd/-
(S K Madhukar)
ADG (NT)

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5. Sr. PPS to Advisor (T)/Advisor (F), DoT, for information.
6. Sr. DDG, TEC, DoT, for information.
7. All participants & members of Oversight Committee
8. All members of Steering Committee and Standing Committee.
9. Director(IT-2), DoT for uploading in the DoT website
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