

TEC/CMAI Joint Workshop on Migration from IPV4 to IPV6 in India

A full day workshop on “Migration from IPV4 to IPV6 in India” was held on 22nd October 2009 in the Hall of Inspiration, Anna Road Telephone Exchange, BSNL Chennai. The theme of the workshop was “IPV6 as a New Platform for Innovation”. The workshop was organized by Telecommunication Engineering Centre(TEC) of the Department of Telecommunications in association with CMAI. There were around 200 delegates from different Central Government Departments, State government departments, Industries, Service Providers, Educational Institutes, Public Sector Undertakings etc. It was inaugurated by Shri Chandra Prakash, Member(Technology), Department of Telecommunications. In his inaugural address he appreciated the efforts of the Telecommunication Engineering Centre and the Industry for taking the lead in taking India forward and making IPV6 compliant. The other distinguished guests on the dais were Shri D.K.Agrawal, Advisor(Technology), DoT, Dr. Bhaskar Ramamurthy from, CEWiT, IIT Chennai as Guest of Honour, Shri P.W.C. Davidar, Secretary(IT), Chennai as Guest of Honour, Sh. N.K.Srivastava, Sr.DDG(TEC), Shri R.M.Agarwal, DDG(SA), TEC and Sh. N.K.Goyal, President CMAI.

This workshop, organized by TEC, is the third in the series of workshops planned across the country with the aim of spreading awareness and emphasizing the need for migrating from the current version of the Internet Protocol (IPV4) to the next generation of the protocol (IPV6). Shri D.K.Agrawal, Advisor(Technology), DoT in his keynote address mentioned about LTE and Broadband as the future of the Internet and the innovative applications riding on these two technologies as drivers of IPV6. Prof Bhaskar Ramamurthy from IIT Chennai said that in India the Capital output ratio is very high, and organizations have a tendency to use investments very efficiently, which means they are very reluctant to go for new investments. Shri P.W.C.Davidar, Secretary(IT), TN mentioned that he has already started acting on the DoT directives and asked different departments in the State Government to procure only IPV6 compliant equipments in future.

Shri N.K.Srivastava, SrDDG(TEC) and Shri R.M.Agarwal, DDG(SA), TEC mentioned about the various initiatives taken by the Government in this area and TEC’s role in the deployment of IPV6 in the country. They invited industry to come forward and take up innovative pilot projects in IPV6 with full support of government.

In the workshop innovative applications involving IPV6 were covered in great depth by various speakers. Presentations were delivered by speakers on possibilities thrown up by IPV6 like applications in management of Intelligent Transport System, Sensor Networks to save energy in buildings, IPV6 based emergency response systems etc. Apart from these there were speakers from service providers who discussed about the migration plans adopted by their organizations. There was also a speaker from APNIC who discussed about scalable addressing plans in IPV6. There were speakers from different organizations like DoT, TEC, DIT, IISc Bangalore, IIT Kanpur, IPV6 Forum, Tech Mahindra, M/s Tata Communications Limited, M/s CISCO. In the evening session there was a panel discussion chaired by Shri R.M.Agarwal, DDG(SA) where different panelists from IIT Kanpur, Department of Information Technology, Govt. of India, IPV6 Forum India and M/s SIFY expressed their views on how IPV6 can be used as a new platform for innovation. The workshop ended with Vote of Thanks by Sh. B.K.Nath, Director(SA-III), from TEC.