



Department of Telecommunications (DoT)
Ministry of Communications
Government of India



National Telecommunications Institute for Policy Research,
Innovation and Training (NTIPRIT)
NTIPRIT, Admin Building, ALT Centre
Govt of India Enclave, Near Raj Nagar, Ghaziabad-201002
ntiprit.gov.in

Online Workshop on “Transition to IPv6 in India”

Date: 27.07.2022 Time: 11:00-13:30 Hrs

Registration Link: <https://tinyurl.com/NTIPRIT-IPv6> Or scan QR Code

Direct Joining Link: <https://tinyurl.com/NTI-IPv6>



PROGRAMME SCHEDULE

S.No	SESSION & SLOT	NAME OF THE TOPIC
1	Inaugural Session 1100 hrs – 1115 hrs	Welcome Address - Sh. Raju Sinha, DG, NTIPRIT Inaugural Address – Sh. Harwesh Bhatiya, Member (S), DCC, DoT Vote of Thanks - Sh. Chaganti Srinivas, DDG (ICT), NTIPRIT
2	Session 1 1115 hrs – 1130 hrs	Roadmap to IPV6 implementation - Shri Dindayal Tosniwal, DDG(NT), DoT
3	Session 2 1130 hrs - 1200 hrs	IPV6 Awareness - Shri Praveen Misra, Addl. Director & Scientist 'E' at ERNET India, Ministry of Electronics & IT
4	Session 3 1200 hrs - 1230 hrs	IPV6 deployment issues and challenges -Shri Anand Raje, Basis Tech
5	Session 4 1230 hrs - 1300 hrs	IPV6 implementation: Industry perspectives - Shri B. Nagaraj, Executive Vice President, RJIL
6	Session 5 1300 hrs - 1330 hrs	Discussion

About the Webinar

There are two types of Internet Protocol, IP version 4 and IP version 6. IPv6 (Internet Protocol version 6) is the latest version of the Internet Protocol that has been designed to supplement and eventually be the successor of IPv4.

The current version of the Internet Protocol is IPv4 which is more than three decades old protocol having many limitations. The biggest limitation is its 32-bit addressing space resulting in 4.3 billion IP addresses.

The solution to this problem is making use of IPv6 which can accommodate the increased demand by providing much large address space along with improved traffic routing. It also improves on the addressing capacities of IPv4 by using 128 bits address instead of 32 bits, thereby practically making available an almost infinite pool of IP addresses.

The IPv6 journey in India began with the release of National IPv6 Deployment Roadmap in July 2010. As a result of the concerted efforts of DoT and all stakeholders, majority of the service providers in India have become ready to handle IPv6 traffic & offer IPv6 services.

This workshop will discuss details, experience and challenges faced in transition to IPv6.

DISTINGUISHED DIGNITARIES



Sh. Harwesh Bhatiya, Member(S), Department of Telecommunications

Shri Harwesh Bhatiya, is a senior ITS Officer of 1983 Batch and presently serving as Member(Services), Digital Communications Commission in DoT HQ. He has more than 37 years experience in Indian telecom sector covering all the fields of operation, maintenance, planning, installation and development of telecommunication network.



Sh. Raju Sinha, DG, NTIPRIT

Shri Raju Sinha, is a senior ITS officer of 1985 batch and presently posted as DG of NTIPRIT, DoT Government of India. He has worked in various capacity in both the state owned Telecom PSUs-MTNL and BSNL. He has vast experience of planning of Metro District Network, installation and maintenance. He planned state of the art FTTH network and WiFi for Hon'able MPs residences. He has also worked for Smart City project in association with NDMC.



Sh. Chaganti Srinivas, Deputy Director General (ICT) NTIPRIT

Shri Chaganti Srinivas is an ITS officer of 1986 batch. He is presently posted as DDG (ICT) at NTIPRIT. He has vast experience of over 34 years in the field of Telecommunications in various capacities.

EXPERT SPEAKERS



Sh. Dindayal Tosniwal, DDG (NT), DoT HQ

Sh. Dindayal Tosniwal is an Indian Telecom Service officer of 1990 batch. He has done BE (Electronics and Telecommunication Engg.) from Assam Engg. College, Guwahati, and MBA (Mktg.) from B K School of Mgmt., Ahmedabad and PGD in Public Policy and Management from MDI Gurgaon. He has extensive experience in various telecom domains including wireline and wireless networks.



Sh. Praveen Misra, Addl. Director & Scientist 'E' at ERNET India, Ministry of Electronics & IT

Sh. Praveen Misra has more than 25 years of experience in New Technologies Integration & Infrastructure Management, Technology Induction, E-Infrastructure, Strategic Alliance, Requirement Analysis, in the area of Internet technologies. He has successfully delivered projects at national & international levels in Government as well as Corporate world. He is ISO 27001 qualified Lead Auditor and Disaster Recovery & Security Specialist. Apart from handling live IPv6 Infrastructure in his current profile, he has to his credit of having provided hands-on training to more than 600 employees of different Government departments and PSUs.



Sh. Anand Raje, Basis Tech

Sh. Anand Raje is a technology entrepreneur and researcher currently working in the domain of Internet resiliency. He is a community contributor to various Internet Governance entities and activities. He lead the Internet Society Kolkata Chapter as Chair and engaged in various capacity-building and awareness programs. He has been associated with AIORI - Advanced Internet Operations Research in India seeks to build next generation Internet Measurement Platform and DNS Research testbed. Sh Raje has also designed and implemented state wide e-governance Projects for Land Records and Registration, Commercial Tax Departments in the past.



Sh. B. Nagaraj, Executive Vice President, Reliance JIO Infocomm

Sh. B. Nagaraj is a technology competent and customer focused leader with extensive Telecom industry experience of 44+ Years in transmission and Data Networking. He is passionate on designing, building, operationalizing and optimizing - state of the art, world class, highly scalable large data networks with automation and Service excellence focus delivering value-based network to the organization. He is currently working as Head of Data network Planning and engineering division for the roll out of Reliance JIO Broadband architecture for mobile 4G/5G, FTTx and enterprise. He has been responsible for setting up data networks many times while he worked different organizations viz., DoT, Reliance Infocomm and now in Reliance JIO. He has been responsible in putting India on IPv6 leadership across the globe in the successful deployment of IPv6 across the JIO network.