IPv6-based new internet empowering super IoT, next generation wireless, SAT and aerospace

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Abstract

The IANA focal IPv4 address space has been completely exhausted back in February 2011 creation the sending of new huge scope IoT organizes particularly IoT systems not versatile and not what IoT truly depend on. Henceforth, the new IP convention IPv6 has been intended to cook for this effectively, harking back to the 90s and hanging tight for its executioner applications to take off. 4G was the first to embrace IPv6 in bigger scope. The IPv6 sending overall is turning into a reality now with certain nations accomplishing over half client infiltration, with Belgium (58%) at the highest level and arriving at twofold digits v6 inclusion on Google IPv6 details. Numerous self-governing systems (ASN) arrive at over half with v6 liked or v6 proficient infiltration: Over 500 million clients are getting to the web over IPv6 and presumably not in any event, knowing it. The US was by a wide margin the greatest adopter of IPv6 with somewhere in the range of 100 million clients, yet India has outperformed the US with more than 250 million IPv6 clients, trailed by Germany, Japan and China with some 20+ million clients.

Speaker Publications:

1. Latif Ladid, Technical Specification Group Services and System Aspects; Feasibility Study on New Services and Markets Technology Enablers - Enhanced Mobile Broadband; Stage 1 (Release 14), 2016.
2. Latif Ladid, IEEE 1609 - Family of Standards for Wireless Access in Vehicular Environments (WAVE), [online] Available:https://www.standards.its.dot.gov/Factsheets/Factsheet/80.
3. Latif Ladid Quality of Experience for Streaming Services: Measurements, Challenges and Insights. IEEE Access 8: 13341-13361 (2020).
4. Latif Ladid Enhanced Mobile Broadband as Enabler for 5G: Actions from the Framework of the 5G-DRIVE Project. AIAI (Workshops) 2019: 31-45

7th Global Meet on Wireless, Aerospace & Satellite Communications; Paris, France- February 12-13, 2020.

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Biography:

Latif Ladid has holds the following positions: Founder & President, IPv6 FORUM Emeritus Trustee, Internet Society Board Member IPv6 Ready & Enabled Logos Program and Board Member World Summit Award He is also a Member of 3GPP PCG (Board, since 1999) 3GPP2 PCG a Member of IEEE 5G Initiative Steering Committee (Future Networks Initiative) and IEEE IoT Steering Committee. He is Vice-Chair, ETSI IPv6 Industry Specification Group Member of UN Strategy Council Member of Future Internet Forum EU Member States (representing Luxembourg) IPv6 Forum Internet Pioneer Award, 2002IPv6 Life Time Achievement Award, 2016 Research Fellow @ University of Luxembourg (since 2006) on multiple European Commission Next Generation Technologies Projects..