

Where is the Internet heading to?

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Despite many coordinated efforts to promote the use of IPv6, the migration from IPv4 is far from being up to the expectations of most Internet experts. However, time is running fast and unallocated IPv4 address space should run out within the next 3 years or so. The speaker will attempt to explain the reasons behind the lack of enthusiasm for IPv6, in particular, the lack of suitable migration tools. A short review of the ongoing efforts to re-design the Internet in a clean-slate approach will then be made. Finally, an overview of Internet Governance areas and bodies will be given.

Summary

This paper is an update of the “State of the Internet & Challenges ahead” paper presented at the NEC’2007 and Nordunet 2008 conferences: <http://www.ictconsulting.ch/reports/NEC2007-OHMartin.doc> with less focus on R&E networks, more focus on IP6 migration and a more comprehensive review of Internet Governance including ITU’s efforts and their NGN (Next Generation Networks) standards.

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