

Pragmatismv6: A Grown-up, Critical Examination of IPv6

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Dave Meyer, Cisco Systems
Jason Schiller, Verizon Business
Todd Underwood, Renesys Corp., Moderator

Agenda

- Brief statement of context: 5 mins
- Brief introductory statements
(answers/questions) from the panel: 10 mins
- Moderator/panel debate: 30 mins
- Audience quibbles, questions, quandaries and quarrels: 45 mins

•Context

- Lots of v6 sceptics not being heard publicly
 - Not (just) lazy and ignorant
 - (occasionally) knowledgeable and concerned
- v6 roll-out mostly stalled
 - Allocations/announcements peaked in 2003 (see recent RIPE presentation)
 - Few significant end-user or content roll-outs
 - Compelling reasons missing?

•Key Questions

- How bad is v6? Will anything else be any better?
Who could/should/will do anything about it?
- How long do we have?
 - 2011? (Houston w/o creating a market for allocations)
 - 2027? (Houston w/ allocation market)
 - 2010? (Others, who see an exponential growth curve)
 - [Implicit question: Do we have time to fix/replace v6?]
- Is there any way to extend that time (market for v4 space)?
- What happened to scalable routing?

•Panelists' Backgrounds/Perspectives

- Dan Golding – former peering coordinator for ATDN, current analyst/researcher
- Dave Meyer – hardware vendor, current IAB member
- Jason Schiller – carrier business ISP

•Question for the Teeming Masses

- Who would give back v6 addresses in exchange for stuff that would work
- Alternative to IETF: plausible to go back to basics: rough consensus and running code. are non-IETF solutions viable?
- Market-based schemes for allocations: are they plausible at all?
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Thank You

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