Note Well & V6OPS WG Status

IETF 118

• Chairs: Ron Bonica, XiPeng Xiao
  • Advisor: Fred Baker
  • AD: Warren Kumari
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We work as Individuals, and try to be nice to each other
House Keeping

• Please scan QR code to sign blue sheet

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Agenda: 1 WG Draft, 5 Individual, 2 Operational

- Chairs' opening, 10m
- 1 WG Draft
  - Expanding the IPv6 Documentation Space, Geoff Huston, 10m
- 5 Individual Drafts
  - Use of IPREF as a tool for transitioning to IPv6, Waldemar Augustyn, 15m
  - Happy Eyeballs v3, Tommy Pauly, 15m
  - Scalability of IPv6 Transition Technologies for IPv4aaS, Gabor Lencse, 10m
  - IPv6 CE Routers LAN Prefix Delegation, Tim Winters, 10m
  - Extending the Network - Host Requirements, Ole Trøan, 15m
- 2 operational presentations
  - Issues with Happy Eyeballs in various OSs, Nalini Elkins, 15m
  - IPv6-mostly Enterprise Network - a Google Deployment Experience, Jen Linkova, 20m (for more info please attend the side meeting on Thur.)
V6OPS Status in Numbers

- How to measure WG in quality & industry impact?
  - Are we solving the key IPv6 challenges: (1) lack of motivation, (2) lack of knowledge, (3) legacy devices not support IPv6, (4) operations issues?
Call for Contribution to Important Works

• Brian Carpenter’s free IPv6 textbook – 12 contributors, 410 commits (was 10/321 in IETF 117)
  • Only need a valid GitHub account to contribute

• Help Justin with the survey on EHs

• Mike/Nalini’s “Enterprise IPv6 issues” – work towards a BCP
  • Invite everybody to participate in discussion, help to identify, document & solve issues

• Any other tasks we should do?
  • Measure IPv6 packet loss rate (PLR) and investigate why it’s higher than IPv4 PLR
  • Can we articulate the advantages of IPv6 over IPv4? Are (1) providing more addresses and (2) lower latency sufficient?

• Experience the rapid expansion of IPv6 Internet: [https://www.youtube.com/watch?v=jj9RjUtZ54o](https://www.youtube.com/watch?v=jj9RjUtZ54o).