Note Well & V6OPS WG Status
IETF 116

• 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
Agenda: 3 WG Drafts, 5 Individual, 1 Operational

- Chairs' opening, 5m
- WG Drafts
  - Framework of Multi-domain IPv6-only Underlay Networks and IPv4 as a Service, Chongfeng Xie, 10m
  - Operational Issues with Processing of the Hop-by-Hop Options Header, Chongfeng Xie, 10m
  - 464XLAT/MAT-T Optimization, Jordi Palet Martinez, 10m
- Individual Drafts
  - IPv6 CE Routers LAN Prefix Delegation, Tim Winters, 10m
  - Deep Dive into IPv6 Extension Header Testing: Behind a CDN, Nalini Elkins, 10m
  - Using DHCP-PD to Allocate /64 per Host in Broadcast Networks, Jen Linkova, 20m
  - IPv6 Site connection to many Carriers, Nick Buraglio, 10m
  - IPv6 only iterative resolver utilising NAT64, Momoka Yamamoto, 10m
- Operational Presentation
  - IPv4/v6 dual-stack migration for in-house load balancers in LINE’s data centers, Rei Shimizu from LINE Japan, 25m
- Side meeting Tue. 10-11:30, Room G313, ESnet IPv6 deployment case, Nick Buraglio, 90m
V6OPS Status in Numbers

- Drafts growing, attendees stable around 120
- How to measure WG in quality & industry impact?
  - Are we solving some IPv6 challenges: (1) lack of motivation, (2) lack of knowledge, (3) legacy support, (4) operations issues?
Progress since Previous Call for Contributions

• Brian Carpenter’s free IPv6 textbook – 9 contributors, 293 commits
  • Only need a valid GitHub account to contribute

• Mike/Nalini’s “Enterprise IPv6 issues” – working on a BCP
  • Participate in discussion, help to identify, solve & document issues

• Summarizing results of some repeated debates – 1 draft submitted
  • Re: [v6ops] Dual ISP deployment operational issues and uncertainties

• Restart some expired WG drafts? – 1 draft revived
  • draft-ietf-v6ops-464xlat-optimization

• Any other tasks we should do?