

Note Well & V6OPS WG Status

IETF 119

- Chairs: Ron Bonica, Nick Buraglio, XiPeng Xiao
 - Advisor: Fred Baker
 - AD: Warren Kumari

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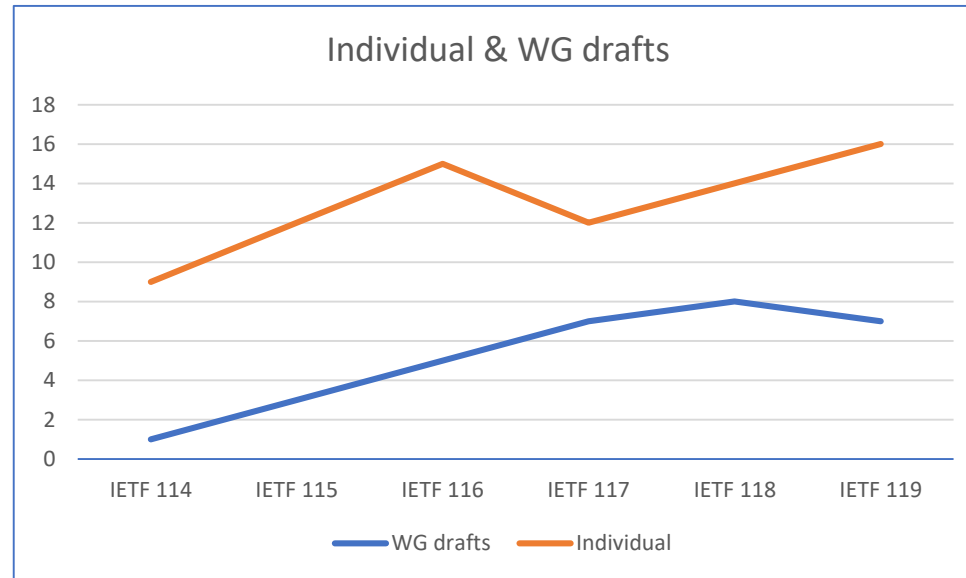
House Keeping

- Please scan QR code to sign blue sheet
- Please use your mobile to get into the Meetecho queue before walking to the Mic

Agenda: 2 WG Draft, 7 Individual, 1 Operational

Chairs opening	IETF Note Well and WG Status		5
Chongfeng Xie	Framework of Multi-domain IPv6-only Underlay Network and IPv4-as-a-Service	https://datatracker.ietf.org/doc/draft-ietf-v6ops-framework-md-ipv6only-underlay/	5
Chongfeng Xie	EVN6: A Framework of Mapping of Ethernet Virtual Network to IPv6 Underlay	https://datatracker.ietf.org/doc/draft-xie-v6ops-evn6/	10
Tim Winters	IPv6 CE Routers LAN Prefix Delegation	https://datatracker.ietf.org/doc/html/draft-ietf-v6ops-cpe-lan-pd	15
Tim Winters	Basic Requirements for IPv6 Customer Edge Routers	https://datatracker.ietf.org/doc/html/draft-winters-v6ops-rfc7084bis	10
Paolo Volpato	IPv6 Site Connection to Many Carriers	https://datatracker.ietf.org/doc/draft-fbnvv-v6ops-site-multihoming/	10
Nalini Elkins	Implementation and Performance Evaluation of PDM using eBPF	https://datatracker.ietf.org/doc/draft-elkins-ebpf-pdm-ebpf/	10
Jen Linkova	Using Subnet-Specific Link-Local Addresses to Improve SLAAC Robustness	https://datatracker.ietf.org/doc/draft-link-v6ops-gulla/	10
Thomas Jensen	464 Customer-side Translator (CLAT): Node Recommendations	https://datatracker.ietf.org/doc/draft-link-v6ops-claton/	10
Jen Linkova	IPv6-Mostly Networks: Deployment and Operations Considerations	https://datatracker.ietf.org/doc/draft-link-v6ops-6mops/	15
Geoff Huston	Operational issues		15

V6OPS Status: Drafts & Progress



- Progress

- Deployments of IPv6-Mostly
- More participation from enterprises – need many more from enterprises/carriers/academia
- IETF LC: [draft-ietf-v6ops-dhcp-pd-per-device-07](#) (for address accountability, etc)
- WG LC: HBH, RFC3849-update, nd-considerations

Call for Contribution to Important Works

- Brian Carpenter's free IPv6 textbook – added guidance on IPv6-Mostly deployment, etc
 - <https://github.com/becarpenter/book6>
 - Only need a valid GitHub account to contribute
- IPv6-Mostly Networks: Deployment and Operations Considerations
- Revive: draft-chown-v6ops-address-accountability
- Raise awareness of available solutions for some frequent complaints:
 - [draft-ietf-v6ops-dhcp-pd-per-device-07](#)
 - [draft-ietf-dhc-addr-notification-09](#)
- Other tasks?
 - Measure IPv6 packet loss rate (PLR) and investigate why it's higher than IPv4 PLR
 - Measure number of IoTs on IPv6