IETF 88 Update

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Internet Society

ION Toronto
November 11, 2013
IETF 88 – November 3-8, Vancouver, BC

IETF 88 last week in Vancouver

• www.ietf.org/meeting/88/

~1200 participants from 54 countries

Focus on pervasive monitoring and possible security improvements

Our posts about IETF88 at:

• http://www.internetsociety.org/deploy360/blog/tag/ietf88/
IPv6 Activities

• IPv6 now common across most working groups

• Some key groups:
  • v6ops (IPv6 Operations) WG
  • 6man (IPv6 Maintenance) WG
  • homenet (Home Networking) WG
  • opsec (Operational Security) WG
  • sunset4 (Sunsetting IPv4) WG
V6ops at IETF 88

Monday 3 November, 17:40

- Xbox One and Teredo, Christopher Palmer
- Balanced Security for IPv6 Residential CPE, <draft-ietf-v6ops-balanced-ipv6-security>
- An Internet Protocol Version 6 (IPv6) Profile for 3GPP Mobile Devices, <draft-ietf-v6ops-mobile-device-profile>
- NAT64 Operational Experiences, <draft-ietf-v6ops-nat64-experience>
- Recommendations of Using Unique Local Addresses, 2013-10-21, <draft-ietf-v6ops-ula-usage-recommendations>
- 464XLAT CLAT IPv4 Address, <draft-byrne-v6ops-clatip>

Wednesday 6 November, 13:00

- IPv6 Roaming Behavior Analysis, <draft-chen-v6ops-ipv6-roaming-analysis>
- DHCPv6/SLAAC Address Configuration Interaction Problem Statement, <draft-liu-bonica-v6ops-dhcpv6-slaac-problem>
- IPv6 Address Prefixes Reserved for Documentation, <draft-moreiras-v6ops-rfc3849bis>
- Interface ID lifetime Algorithms, <draft-rafiiee-v6ops-iid-lifetime>
- IPv6 CE Device DHCPv6 Option Transparency, <draft-smith-v6ops-ce-dhcpv6-transparency>
- Address Management for IPv6 Transition, <draft-sun-v6ops-openv6-address-pool-management>
DNS/DNSSEC Activities

• DNS Operations (DNSOP) WG
  • Focus on automation of DNSSEC including communication between zones

• Side meeting focused on the DANE protocol
  • www.internetsociety.org/deploy360/resources/dane/
Routing Activities

- **sidr (Secure Inter-Domain Routing) WG**
  - Focus on securing the routing infrastructure

- **idr (Inter-Domain Routing Working Group) WG**
IETF 88 – Focus On Strengthening The Internet

Major focus on hardening the Internet against pervasive monitoring and large-scale surveillance

IETF 88 Technical Plenary focused on security:


Security focus throughout working groups

IETF Chair blog post summarizing the activity:

IETF 88 – More Information

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- http://www.ietf.org/meeting/88/

Meeting Materials

- https://datatracker.ietf.org/meeting/88/materials.html

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IETF 88 Technical Plenary

Help The IETF Create Better Standards

To Learn More:

• http://www.ietf.org/newcomers.html

Particularly:

IPv6 Operations (V6OPS)

DNS Operations (DNSOP)

You can:

• Join the mailing lists
• Read the drafts and provide comments
Thank You

http://www.internetsociety.org/deploy360/

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