IETF-94 (Yokohama) DHC WG Meeting

Thursday, November 5, 2015

15:20-17:20 JST

Last Updated: 11/5/2015 11:16 JST

Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.

Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

I E T F

Before we begin …

- Hope you noted the Note Well
- Blue sheets
- Need Jabber scribe(s)!
- Need etherpad note takers

- WG co-chairs:
  - Tomek Mrugalski
  - Bernie Volz

WG Secretary:
  - Sheng Jiang

Agenda (1/2)

No.	Title	Who	Time	Draft
1.	Administrivia	Chairs	5m	
2.	YANG Data Model for DHCPv6 Configuration	Linhui Sun	15m	draft-ietf-dhc-dhcpv6-yang
3.	Relay Initiated Release	Sunil M Gandhewar	15m	draft-gandhewar-dhc-v6-relay-initiated-release, draft-gandhewar-dhc-relay-initiated-release
4.	Moving forward on Secure DHCPv6	Tomek Mrugalski (intro), Lishan Li	30m	draft-ietf-dhc-sedhcpv6 , draft-li-dhc-secure-dhcpv6-deployment, draft-cui-dhc-dhcpv6-encryption

Agenda (2/2)

No.	Title	Who	Time	Draft
5.	DHCPv6 Failover Update	Bernie Volz (for Kim Kinnear)	10m	draft-ietf-dhc-dhcpv6-failover-protocol
6.	DHCPv6 Prefix Length hint issues	Tianxiang Li	15m	draft-cui-dhc-dhcpv6-prefix-length-hint-issue
7.	DHCPv6bis update & issues discussion	dhcpv6bis coauthors	15m	draft-ietf-dhc-rfc3315bis

If time permits …

No.	Title	Who	Time	Draft
A.	Forcerenew Reconfiguration Extensions for DHCPv4	Luyuan Fang	10m	draft-fang-dhc-dhcpv4-forcerenew-extensions

WG Document Status

- For document status, visit
  http://datatracker.ietf.org/wg/dhc/documents/
- **draft-ietf-dhc-topo-conf-06**
  - updated by Tomek 10/19/2015
  - needs confirmation issues addressed, then off to AD
  - waiting for shepherd's (Bernie) review and write-up
- **draft-ietf-dhc-access-network-identifier-10**
  - needs update to clear IESG discusses
  - authors have attempted follow-up with IESG – awaiting response
- **draft-ietf-dhc-dhcp-privacy-01,
  draft-ietf-dhc-dhcpv6-privacy-01,
  draft-ietf-dhc-anonymity-profile-04**
  - passed WGLC, comments received, anonymity-profile updated, dhcp{v6}-privacy still needs to be updated
  - waiting for final reviews & shepherd's (Bernie) write-up
- FYI (mif): IPR issue for draft-ietf-mif-mpvd-dhcp-support

DHCP Hackathon

- DHCP4o6 (RFC7341) implementations
  - Kea (server)
  - wide-dhcpv6 (client)
  - Deutsche Telecom (client, remote)
- 7 people participated
- Rough consensus and **Running Code**!
  - Kea (kea.isc.org/wiki/Dhcp4o6Design, github.com/isc-projects/kea, hackathon94 branch)
  - WIDE DHCPv6 (github.com/jinmei/wide-dhcpv6, dhcp4o6 branch)
  - ISC DHCP prototype (kea.isc.org/wiki/DHCP4o6-Use)
- No spec issues
- Interop!
  - 2 independent server and client implementations interoperating
  - Testing interop of another server-client pair caused problems due to the client being remote
    recommendation: client and server SHOULD be on the same continent.
- Looking forward to the next hackathon (YANG?, Secure DHCPv6?)