

# IETF-93 (Prague) DHC WG Meeting

Thursday, July 23, 2015  
1300-1500 CEST

Last Updated: 7/23/2015 10:10 EDT

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# 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.	Administrativa	Chairs	5m	
2.	Stable Privacy Addresses next steps	Chairs	10m	draft-ietf-dhc-stable-privacy-addresses
3.	Secure DHCPv6 and DHCPv4	Sheng Jiang	10m	draft-ietf-dhc-sedhcpv6, draft-jiang-dhc-sedhcpv4
4.	Anonymity Profile Implementation & Deployment results	Christian Huitema	15m	draft-ietf-dhc-anonymity-profile
5.	DHCPv6bis update & issues discussion	dhcpv6bis team	30m	draft-ietf-dhc-rfc3315bis draft-cui-dhc-dhcpv6- prefix-length-hint-issue
6.	YANG Data Model for DHCPv6	Linhui Sun	15m	draft-cui-dhc-dhcpv6- yang

# Agenda (2/2)

No.	Title	Who	Time	Draft
7.	Authentication and Encryption Mechanism for DHCPv6	Tianxiang Li	15m	draft-cui-dhc-dhcpv6-encryption
8.	4o6 Bulk and Active Leasequery	Tianxiang Li	10m	draft-cui-dhc-dhcp4o6-bulk-active-leasequery
9.	Relay Initiated Release	Sunil M Gandhewar	5m	draft-gandhewar-dhc-v6-relay-initiated-release

# WG Document Status

- For document status, visit <http://datatracker.ietf.org/wg/dhc/documents/>

# DHCPv6 Hackathon Results

IETF'93, Prague

2015-07-18,19



# DHCPv6 Hackathon Results

- Topics worked on:
  - Stateful issues (RFC 7550)
  - Secure DHCPv6
  - ~~Privacy profile for DHCPv4 and DHCPv6~~
  - ~~YANG DHCPv6~~
- Stateful Issues (RFC 7550) Results
  - Tested servers with test client
  - Fixed several issues in test client and in servers
  - No specification issues; just coding bugs
- Secure DHCPv6 Results
  - Client & server implementation tested / interoperated after some fixes!
  - Discovered year 2036 issue with draft's use of 64-bit NTP timestamp (to prevent replay attacks), either:
    - Switch to SeND 64-bit timestamp, or
    - Specify modulo checking to allow wrap around (as in TCP sequence number)



# Participants

- Francis Dupont, ISC
- Tomek Mrugalski, ISC
- Marcin Siodelski, ISC
- Jinmei Tatuya, Infoblox
- Bernie Volz, Cisco
- Wlodek Wencel, ISC

# Hackathon @ IETF-94 (Yokohama)

- Let's do more DHCP hacking ...
  - It was fun
  - You get free food
  - You can win prizes
  - And, best of all we confirm specifications are implementable and interoperate!!
- Francis Dupont has already requested DHCP4o6 (RFC 7341) testing
- What other topics should we consider

# Stable Privacy Addresses Next Steps

- draft-ietf-dhc-stable-privacy-addresses is WG document
- Chair's question is whether this work is needed?
  - ML discussion started by Bernie in early April
  - Few people involved in discussion and resulted in some 'sidebar' discussions
- So what is general feeling – please comment now at MIC and limit discussion to following:
  - Drop this draft?
  - Continue advancing this draft? (Standards/Info?)