IETF-98 (Chicago) DHC WG Meeting

Thursday, March 30, 2017
17:40-18:40 CDT
Montreux 3
Note Well

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- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
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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:  
  – Vacant
DHC is in March 2017 IETF Journal

WORKING GROUP UPDATE: DYNAMIC HOST CONFIGURATION

By Tomek Mrugalski and Bernie Volz

It is common knowledge among seasoned IETFers that the Dynamic Host Configuration (DHC) Working Group (WG) is old. But identifying exactly how old has proven to be a challenge. According to WG archives, its first email was posted\(^1\) on 12 July 2001. But that can't be the right date, as its first Request for Comments (RFC) is RFC 1531 from October 1993. Datatracker history for DHC\(^2\) provides some clues, but the data appears incomplete: milestone updates go back to 2003, followed by a 13-year gap and two entries indicating that the WG was proposed and formed on 1 January 1991. If this is correct, it gives the WG an impressive 26 years of age—at least as old as the Web, whose creation is typically cited as either January (first public server available) or August (Sir Tim Berners-Lee announces the project to alt.hypertext newsgroup) 1991. However, there exists yet another clue that DHC is even older: the Active Working Group list on the IETF website\(^3\). While the page itself is a bit basic, the dates next to each WG name look like creation dates. And this page lists DHC's creation as “1989-Apr-13”—almost 28 years ago.

So what has the DHC WG been doing all
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Who</th>
<th>Time</th>
<th>Draft(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Administrativa</td>
<td>Chairs</td>
<td>5m</td>
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<tr>
<td>2.</td>
<td>Discussion of Secure DHCPv6 and RAAN</td>
<td>Chairs</td>
<td>10m</td>
<td>draft-ietf-dhc-sedhcpv6</td>
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<tr>
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<td>draft-ietf-dhc-dhcpv6-agentopt-delegate</td>
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<td>3.</td>
<td>DHCP option for NSH in SFP</td>
<td>Venkata Subba Rao Gorrepti</td>
<td>10m</td>
<td>draft-ypal-sfc-dhcp-option-for-nsh-for-sfp</td>
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<tr>
<td>4.</td>
<td>YANG Data Model for DHCP v4</td>
<td>Gang Yan</td>
<td>10m</td>
<td>draft-liu-dhc-dhcp-yang-model</td>
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<td>5.</td>
<td>Multi-requirement Extensions for DHCPv6</td>
<td>Lin He</td>
<td>10m</td>
<td>draft-ren-dhc-mredhcpv6-00</td>
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draft-ietf-dhc-rfc3315bis Update

• WGLC done late summer 2016, generated ~270 issues
• 07 published 12 March 2017
  – Addresses all but about a dozen issues
  – We have one new issue – clarify messages a Relay must forward as draft-ietf-dhc-dhcpv6-failover-protocol added messages which MUST NOT be forwarded
• Will publish 08 and initiate WGLC to confirm issues acceptably addressed
  – Expect 08 mid April 2017
  – WGLC will be started (after draft-ietf-dhc-relay-port)
• Please review to see if your comments are acceptably addressed NOW so we can incorporate any corrections in 08 before WGLC