

DHCPv6 bis Update & Next Steps

Thursday, April 7, 2016

14:00-16:00 ART

Latest Edit: April 7, 2016 08:15 ART

Status

- We continue to work on document
 - Ticket count dropping a bit slowly
 - Still have plenty outstanding but planning a big push to get document moving
- We continue to meet virtually first Wed each month and at IETF meetings when possible
- Two updates submitted since IETF-94
- Likely to change Intended Status from Internet Standard to Proposed Internet Standard (#156)

Our plans

- Reorganizing client/server sections (#142) by April 15th
 - Text being reviewed (in branch)
 - Update and merge into Github master
- Finish most other tickets by May 9th
- Apply editor tickets
- Republish by May 23 (05)
- Complete WGLC before Berlin (IETF-96)
- Discuss any WGLC issues in Berlin and update
- Send to IESG in September 2016

Current Ticket Status (1/2)

Ticket	Summary	Status
#18	ORO - mandatory?	Assigned (Ted)
#61	stateful-issues 4.3: T1/T2 timers	Assigned (Bernie)
#68	Bakeoff: Clients - Prefix Length of Assigned Addresses	Assigned (Sheng)
#81	Bakeoff: Server: ORO	Assigned (Ted)
#102	Merge RFC3633 Section 7: Overview of DHCP with Prefix Delegation (0.7 page)	Assigned (Bernie)
#131	Confusion on T1/T2 times (option values vs client renew/rebind triggers)	Assigned (Bernie)
#132	Use DHCPv6 or DHCP	Assigned (Bernie) - Editorial Issue
#137	Move/rework sections 1.2/1.3 (& 5)?	Assigned (Bernie)
#138	Security considerations update needed	Assigned (Ted)
#142	Reorganize server/client behavior?	Assigned (Marcin)

Current Ticket Status (2/2)

<u>Ticket</u>	<u>Summary</u>	<u>Status</u>
#147	Document the process of acquiring of the client-forced "new" address and deprecation of the "old" address	Assgined (Tim)
#150	Clarify client MUST drop option if not received in subsequent Reply	Assigned (Tomek)
#153	Requirement level of DAD is inconsistent between RFC3315(and bis) and RFC4862	Assigned (Ted)
#154	Meaningless 'reconfigure accept' option in reply messages?	Assigned (Tomek)
#155	Review RFCs that update RFC3315 and to deprecate	Assigned (Bernie)
#156	Investigate what is required to go with Internet Standard	Assigned (Tomek)

See <https://trac.tools.ietf.org/group/dhcpv6bis/report/1>

Need WG's Help

- Need several solid reviews during WGLC
 - Volunteers
- Ralph Droms previously agreed to shepherd as WG co-chairs & secretary are co-authors
- Suresh (AD) has agreed to determine WG consensus
- Ideally be great to have some “new” implementations based on document (great student or summer intern project)