

Advancing DHCPv6 to Internet Standard

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DHC Charter

- The third item in the DHC charter says the following:
 - Issue an updated version of the DHCPv6 base specification, and after an appropriate interval following publication, advance to Internet standard.

Requirements for Internet Standard

- RFC 6410
- There are at least two independent interoperating implementations with widespread deployment and successful operational experience.
- There are no errata against the specification that would cause a new implementation to fail to interoperate with deployed ones.
- There are no unused features in the specification that greatly increase implementation complexity.
- If the technology required to implement the specification requires patented or otherwise controlled technology, then the set of implementations must demonstrate at least two independent, separate and successful uses of the licensing process.

Status 8415

- Current Status of RFC 8415
 - No Errata
 - No Updated-by
 - No IPR

TODO

- Demonstrate Interoperability of more than two clients and servers.
- Confirm that all DHCPv6 features in 8415 are useful and nothing should be removed.

Proposed Plan

- Virtual Plugfest to ensure Interoperability
 - Hosted at the UNH-IOL in March,
 - Any implementations that wants to participate just needs to send the implementation (It's free!)
 - Covers Servers, Clients, and Relays
 - Test Plan will be used as the basis for IPv6 Ready Logo in the future.
- Report back findings to the DHC working group.
- Investigate any features not implemented.

Unused features?

- Is anyone aware of any Unused features in RFC 8415 that should be considered for removal?
 - IA_TA?