

DHCP Directorate/Recharter

Ted Lemon

<Ted.Lemon@nominum.com>

Attractive Nuisance

- DHC working group is a standard stopping place on the way to deploying a protocol
- We don't actually know much about that protocol
- This is a great place for someone introducing a new protocol to start, because we do new option drafts
- Proposal: take new option drafts off the charter

Issues with this

- Where would the work get done?
- How do we avoid bad option drafts making it to RFC?
- What if we need a new option to extend the base protocol?
- What will the DHC working group do (i.e., what *should* be on the charter)?

Where does the work get done?

- It's ordinary for new DHC options to be developed in other working groups.
- This is what we propose to continue doing.
- The change is that we will no longer *also* accept this kind of work in the DHC working group.

How do we prevent badness?

- DHCP Options draft is now a very high priority for the DHC working group.
- New DHCP (not DHC) directorate will be responsible for expert review
- DHCP directorate will attempt to intervene early in the process.
- IANA considerations and AD review will allow for diving catches when that fails.

What if DHCwg needs new option?

- This is still in-scope for DHC in the same way that it is in-scope for other working groups: if the work that motivates the addition of a new option is in the charter, then the new option can be done in DHCwg.

What should the DHCwg do?

- DHCP architecture questions
 - e.g., the current question about configuring IPv4 nodes with DHCPv6
 - e.g., the Option Guidelines document
- DHCP protocol extensions
 - E.g. Bulk Leasequery, Triggered Reconfigure
- DHCP support
 - Failover protocol

Next steps

- Chairs to produce DHCP Directorate charter
- AD to nominate members
- Members to accept or decline
- Charter update