

# DHCPv6 Failover Update

`dhcp-ietf-dhc-dhcpv6-failover-protocol-01.txt`

Presented by Bernie Volz

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# State of Play

- **draft-ietf-dhc-dhcpv6-failover-protocol-00.txt**
  - Published October 16, 2015
- **Excellent review received from Bernie Volz**
  - Received November 30, 2015
  - Responded on November 30, 2015
- **Excellent (amazing!) review received from Shawn Routhier**
  - Received December 3, 2015
  - Responded on December 4, 2015 and December 8, 2015
- **Published draft-ietf-dhc-dhcpv6-failover-protocol-01.txt**
  - December 24, 2015
  - Was hoping for another technical review for -01.txt!

# **-00.txt → -01.txt**

- **OPTION\_F\_DNS\_REMOVAL\_INFO uses IANA (top level) encapsulated options**
- **Synchronized time required**
- **VSS (VPN) capability added**
- **PD “leases” not associated with clients have data in IAPREFIX option**
- **Connection management: MUST be like Section 8.2 RFC7653 (DHCPv6 Active Leasequery) since this is TCP like Active LQ**
- **Added missing OPTION\_F\_CONNECT\_FLAGS**
- **FREE\* state is now PENDING-FREE**
- **Resource -> lease**
- **Lots of editorial tightening up, glossary expansion, minor reorganization**

# Next steps

- **Move to WGLC after this meeting?**
- **Reviews needed to pass WGLC:**
  - **One more solid detailed technical review**
  - **Two or three “read the whole thing and it hangs together” reviews**
  - **More would be great!**