DHCPv6 Redundancy Considerations Post WGLC status

IETF82

draft-ietf-dhc-dhcpv6-redundancy-consider-02

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DHCPv6 Redundancy considerations :: History

- Interim method before failover becomes available

- draft-ietf-dhc-dhcpv6-redundancy-consider-02

- Semi-redundant approach

- 3 deployment models:

  – Split prefixes

  – Multiple unique prefixes

  – Identical Prefixes

- Acknowledges that failover is the ultimate solution

- Intended status: BCP

Status :: WGLC

Adopted after Prague (April 2011)

- WGLC requested in Quebec City, concluded in November
    - 8 support voices on ML, no objections
- Several corrections, no objections, some support comments
- Last changes (-01 to -02):
    - Clarified multiple unique prefixes example
    - Clarified that in identical prefixes scenario both servers should follow the same allocation algorithm (otherwise DECLINE will be in use)
    - Removed incorrect section about DNS conflict resolution
    - Added informative reference to draft-failover-requirements

Next steps

- Is it ok to reference failover drafts as informative reference?
- WGLC passed successfully (?)
- Requesting submission to IESG

DHCPv6 Failover :: The Grand Plan

- **Step 0: Redundancy considerations draft (bcp)**
  - **Concluded WGLC**
- Step 1: Requirements document (info)
  - Adopted
- Step 2: Design document (info/std)
  - Working on initial submission
- Step 3: Protocol document (std)
  - Not started yet

Thank you