DHCPv6 Redundancy Considerations

Post WGLC status

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IETF82
draft-ietf-dhc-dhcpv6-redundancy-consider-02
DHCPv6 Redundancy considerations :: History

• Interim method before failover becomes available
• draft-ietf-dhc-dhcppv6-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