DHCPv6 Prefix-Length Hint Issues

draft-ietf-dhc-dhcv6-prefix-length-hint-issue

IETF95

Slides prepared by Tianxiang Li
Updates since IETF94

• Changed document type to “informational”
• Structure change
  • Problem description and solution are now provided in the same section.
• Removed reference to RFC2119
• Change of terms
  • Changed "client/server" to "requesting router/delegating router"
  • to keep text unified with RFC3633
Updates since IETF94

• Section 2.5 "Receipt of Renew/Rebind “
  • Added an additional server solution choice
    • Server could assign a new prefix and not mention the old prefix in the Reply message, to let it gracefully expire
  • Server responding to a Rebind might not be the same server that delegated the original prefix
    • The server cannot extend lifetime of old prefix, and is not authorized to drop the old prefix
    • Server should ignore the old prefix, and just try to assign the new prefix.
Next step

• WG Last Call?