DHCPv6 Redundancy Deployment Considerations

IETF76
Background

- Some IPv6 deployments leverage/require DHCPv6
- Use of DHCPv6 in a production scenario require some level of redundancy
  - No redundancy is/was not an option
- No standardized approach currently available to provide redundant DHCPv6
Goals

• Document different configuration based approaches that can be used to provide (semi-) redundant DHCPv6 services

• Enumerate limitations across all approaches
  – Prefix delegation presents one of the greatest across all approaches

• Offer best practice alternatives for other adopters requiring DHCPv6

• Illustrate requirement for standardized DHCPv6 redundancy protocol
Next steps

• Accept as a WG document?
• Solicit interest and form a team to scope and define a standardized protocol for DHCPv6 redundancy?