

Support for multiple provisioning domains in DHCPv6

draft-kkb-mpvd-dhcp-support-01

Suresh Krishnan, Jouni Korhonen, Shwetha
Bhandari

Basic concepts

- The basic construct for compartmentalizing the configuration information per PVD is realized using a container option
 - Encapsulates all configuration information pertaining to a given PVD
 - Multiple PVD containers can occur inside the same DHCPv6 message
 - The PVD identities need to be different though
- Backward compatible: PVD unaware nodes will skip over the entire container

Identifying PVDs

- Earlier version of the draft specified the format for the ids
- Now this has been replaced by a blob with the actual ID being specified in a different draft
 - The goal is to minimize duplication of ID specs between different config mechanisms
 - Allow independent evolution of configuration mechanisms and ID types

Next steps

- Adopt as WG item?