

CGN Deployment with MPLS VPNs

IETF 87

By Victor Kuarsingh

Overview (1/1)

- Current version of draft:
 - draft-ietf-opsawg-lsn-deployment-03
- Updates since last version (-02)
 - Section 4.5 (Multicast Considerations)
- Largest cleanup was from version -01 -> -02
 - Covered in Orlando meeting

Document High Level (1/1)

- For those not familiar with document:
 - (1) Describes architectural method to integrate/deploy CGN using BGP/MPLS IP VPNs (also called MPLS/VPNs)
 - (2) Provides list of problem statement (deployment requirements) faced by operators when looking to deploy CGN
 - (3) Explains architectural solution, and how it fits into the problem statement
 - (4) Some details of document removed since RFC6888 (CGN requirements) and draft-donley-nat444-impacts

Comments since Last IETF (1/1)

- Comment on:
 - Noted useful in RADIUS/BNG environment
 - Comments on L2 separation, and comments on details on how it can be accomplished
 - My reply was that we did not cover technology specific separation and methods, just models and architecture generic to all models
- Operator Testing/Pilot
 - Feedback from two operators who have tested and trialed the technology successfully

Document Position (1/1)

- Feedback noted potential in specific environments –
 - does WG feel is needed to put those details in document? (tech specific attributes)
 - Current position is to keep technology specific methods out of document (can be done in separate one – i.e. Cable/DOCSIS, DSL/BNG, 3GPP/PGW etc)
- Editing
 - Other than new section which can use a quick cleanup, editing appears to be complete (can fix nits in WGLC)

Moving forward

- Would like to move document to WGLC
- Take feedback and update revision in WGLC