EVPN Inter-Domain Option-B Solution

draft-rabadan-bess-evpn-inter-domain-opt-b-03

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Refresher
EVPN Inter-Domain Option-B Solution

• Informational, it does not create new procedures
• Summarizes the impact of the Inter-Domain Option-B connectivity in the EVPN procedures
• Includes:
  • EVPN Layer-2 ELAN, ELINE, E-Tree
  • EVPN Layer-3
  • PBB-EVPN
• Analyzes potential solutions based on existing specs and local implementations (that do not change the control plane)
What is EVPN Inter-Domain Option-B?

Models used in the document

VRF is an EVPN MAC-VRF or IP-VRF or VPWS
Labels are 20-bit (MPLS label) or 24-bit (VNI)
Originally specified in RFC8365 section 10.2 for EVPN
For NVO tunnels, there are no tunnel labels but an IP header
Changes since version 00
EVPN Inter-Domain Option-B Solution

- Version 00 presented in IETF 116
- Ever since the document has been refreshed up to version 3, with the following changes:
  - Added Wen as co-author in version 01
  - Terminology section improved
  - Clarify that L2 MTU can be signaled as 0 if domains use different MTU values (so that ingress PE ignores the value)
  - Typos and updated references
Next Steps

1. More feedback from the WG
2. Ask for WG adoption
Thank you