Shepherd’s Slides

Susan Hares

IDR Co-chair + Shepherd for Intent-Based Drafts
WG LC shepherd reports on IDR Wiki

- CAR WG LC
    - List of issues
    - Shepherd report on the issues.

- CT WG LC
  - [https://wiki.ietf.org/e/en/group/idr/CT-WGLC](https://wiki.ietf.org/e/en/group/idr/CT-WGLC)
    - Shepherd report on issues
CAR Shepherd comments
Issues raised in CAR WG LC

WG LC
1. Motivation for IP Prefix NLRI
2. Why was the type 2 NLRI - IP Prefix added?
3. Questions on clarity of support for Type 2 NLRI (IP Prefix) in sections
4. Security concerns for the AFI/SAFI
5. Lack of clarity in procedures in sections 8-10
6. Relationship among multiple drafts related to SRv6
7. Using CAR SAFI and CAR VPN SAFI for transport - (infrastructure routes)
8. Use of CAR-SAFIs for Service Families
Issues Raised in Early Directorate Reviews

• RTG DIR (Ben Niven-Jenkins)
  Status: Has issues
  Issues:
  1. Introduction should cover: AFI/SAFIs used and why two NLRI types

• OPS DIR
  Status: Has Issues
  Issues:
  1. amount of abbreviations without explanation
  2. In this draft, it says E is globally unique, which makes E-C in that order unique. Can this be explained?
  3. Why the type 2 NLRI for IP Prefix was needed.
  4. Dependency on the progression of draft-ietf-hr-spring-intentaware-routing-using-color?
  5. Needing an operations section
  6. Several Editorial issues (see list in email).
CAR specific Adoption call Issues: Need confirmation from WG

• WG Has not confirmed the following issues:
  • F3-CAR-Issue 1 – Appendix A.7 Anycast EP (end-point) scenario
  • F3-CAR-Issue-2 – BGP-CAR consensus on the need for resolution schemes
  • F3-CAR-Issue-3 – Handling of LCM and Extended Communities
  • F3-CAR-Issue-4 – CAR Routing in Non-Agreeing Color domains for Anycast EP (linked to F3-CAR-Issue-1)
  • F3-CAR-Issue-5 – BGP Update Packing
CAR WG issue on Technology

• WG Has not confirmed the following issues:
  • F3-WG-Issue-3 - Replacing with Chair-team review (jeff Haas + Jie Dong)
  • F3-WG-Issue-4 - Intent at Service Level
  • F3-WG-Issue-5 - Review of Technology Base
  • F3-Wg-Issue-6 - Benefits of Route Targets
  • F3-WG-Issue-7 - Compatibility with SR-PCE
  • F3-WG-Issue-8 – Scaling and Expected Route Size
CAR Authors presenting on

The authors of the CAR will present on

1. Use of the two NLRIs for CAR SAFI and VPN CAR SAFI
2. Procedures for type 1 and type 2 Routes for CAR SAFI and VPN CAR SAFI
3. Use of CAR SAFI and VPN CAR SAFI for infrastructure routes
4. Service Routes versus Infrastructure routes
Implementations of IP Prefix (NLRI Type 2)

- Cisco – completed waiting for interoperability tests
- Arrcus – in process
CAR Presentation