

# CAR-CT Introduction

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# BGP LU

- BGP Safe to carry IPv4/IPv6 routes with labels
  - Routes are stored in single v4/v6 tables
- Also has support for Add-Paths
- Typically used to carry underlay routes (with an AS) as well as Internet Routes
- Lacks support for Intent
  - More specifically Intent-based Routing and forwarding

# Intent (Color) + BGP: Experimental WG LCs need more support

- Authors of draft-wang-idr-cpr-02 – provided input on SRv6
- CT WG LC
  - Dates: (6/26 to 7/23)
  - 2 Implementations: Juniper and FreeRTR  
(<https://wiki.ietf.org/group/idr/implementations/draft-ietf-idr-bgp-ct>)
  - RTG-Dir Review: Med
  - Target Reviewers for adoption issues: Jie Dong, Ketan Talaulikar, Swadesh Agarwal, DJ Rao, Joel Halpern, Jeff Haas, Keyur Patel (pending)
- CAR WG LC
  - Dates: 7/10 to 7/24
  - 2 Implementation: Cisco IOS-XR and Arrcus ARC-OS  
(<https://wiki.ietf.org/group/idr/implementations/draft-ietf-idr-bgp-car>)
  - RTG-Dir Reviewer: Ben Niven
  - Target Reviewers: Jie Dong, Kaliraj Vairavakkalai, Nats Venkataraman, Reshma Das, Jeff Haas

# Open issues in Both WG LC for Experimental

- CT
  - Editorial issues + Reorganization + SRv6
  - Question-1: Are all sections clear?
  - New items: none
- CAR
  - Editorial issues + Reorganization + SRv6 + New NLRI (look at sections 9-10)
  - Question-1: Are all sections clear?
  - Question-2: Do new sections need more review?

# Going Forward – August to November 2023

- Experimental drafts
  - WG LCs (CAR/CT) will run to IETF week (7/28, Friday)
  - Enough Support will be judged by chairs at end of week
  - If enough support, author-teams will edit drafts + WG LC changes
  - If not enough support, author teams must build support
  - Interim likely to discuss changes + proposed standard before IETF-118
- Proposed Standard
  - Goal: Add Intent (via color) + Update BGP-LU for 2020 RTG (SRv6, SR-MPLS, ...)
  - Did we meet the goal?