

BGP Classful Transport Planes

<https://datatracker.ietf.org/doc/draft-ietf-idr-bgp-ct/02/>

IETF 116 IDR Meeting

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On behalf of co-authors

Agenda

- BGP-CT: Current status
- BGP-CT: Next steps

BGP-CT: Current status (1) - Draft Updates

- All open issues have been addressed as part of the latest CT draft update
 - Link: <https://datatracker.ietf.org/doc/draft-ietf-idr-bgp-ct/02/>
- IDR email discussion threads for closed issues:
 - <https://mailarchive.ietf.org/arch/browse/idr/?q=%22-CT-Issue-%22>
 - <https://mailarchive.ietf.org/arch/browse/idr/?q=%22-WG-Issue-%22>
 - Awaiting feedback (since 2023-02-16), requesting IDR WG to initiate reviews
- CT: IDR GITHUB Issue Tracker: (<https://github.com/ietf-wg-idr/draft-ietf-idr-bgp-ct>)
 - Issues to addressed sections map:
 - <https://github.com/ietf-wg-idr/draft-ietf-idr-bgp-ct/blob/main/github-issues-status.txt>
- CT: Procedures for Best Effort

BGP-CT: Current status (2) – InterOp Demos

- BGP-CT InterOp Status: (Junos, RARE/FreeRTR and IOS-XR)
 - IETF 115 Hackathon Demo 1: FreeRTR ASBRs map CT traffic to Best Effort Tunnels
 - Full Control Plane InterOp (BGP-CT)
 - Best Effort Data Plane InterOp (Junos with RSVP-TE SLA Tunnels, FreeRTR with LDP Tunnels)
 - Link: <https://github.com/IETF-Hackathon/ietf115-project-presentations/blob/main/ietf-115-bgp-ct-junos-freertr-interop-hackathon.pptx>
 - IETF 115 Hackathon Demo 2: CT InterOp Experiment with Cisco IOS-XR
 - Signalling CT using SAFI-128 for nodes that do not support CT yet
 - No code changes needed in IOS-XR
 - Link: <https://github.com/IETF-Hackathon/ietf115-project-presentations/blob/main/ietf-115-bgp-ct-junos-ios-xr-hackathon.pptx>
 - IETF 116 Hackathon Demo: FreeRTR ASBRs map CT traffic to Intended SLA Tunnels
 - Full Control and Data Plane InterOp (BGP-CT, RSVP-TE Intent specific SLA Tunnels)
 - Preserves End-to-End service intent
 - Link: <https://github.com/IETF-Hackathon/ietf116-project-presentations/blob/main/ietf-116-bgp-ct-junos-freertr-interop-hackathon.pptx>

BGP-CT: Next Steps

- Formal closure of issues in IDR GITHUB
- Follow up on pending IANA code points (MPLS-OAM)
- Formal Request for RFC

Thank you.