

IDR Status

IETF 121, Dublin

4 November, 2024

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)



NomCom

- Reminder that IETF NomCom has entered its interview and deliberation phase.
- Please give them feedback!
- <https://mailarchive.ietf.org/arch/msg/ietf-announce/1x1k0XFllZFxy0rCcDa7K8FHcTA/>

WG Charter

- The IETF Chair and the Area Directors are pressing to have Working Groups update their charter.
- In some cases, IESG review is being blocked on things being out of charter.
- Expect rechartering discussion to happen soon.

Activity since last IETF

- Published!
 - RFC 9687 - BGP SendHoldTimer should be published shortly!
- Adopted:
 - draft-ietf-idr-bgp-generic-metric
 - draft-lin-idr-sr-epe-over-l2bundle
 - Flowspec v2 work adopted. Still working through individual draft specifics.
- Awaiting Implementation:
 - entropy label / Next Hop Dependent Characteristics is awaiting second implementation
- At IESG:
 - draft-ietf-idr-sr-policy-safi
 - draft-ietf-idr-bgp-sr-segtypes-ext
- draft-ietf-idr-deprecate-as-set-confed-set waiting final shepherd report writeup.

Impending WGLC

- bgp-ietf-idr-bgpls-sr-vt-mt
- draft-ietf-idr-sr-policy-nrp
- draft-ietf-idr-bgp-bfd-strict-mode pending Jeff working with authors to update implementations based on latest changes. Note that this blocks the FSM-IANA draft.
- draft-ietf-idr-bgp-ls-sr-policy - Ketan working through shepherd comments.
- draft-ietf-idr-sr-policy-seglist-id - Addressing shepherd comments. Early allocations requested.

Early Shepherd Review (Sue)

- draft-ietf-idr-bgp-ls-link-mtu status
- draft-chen-idr-bgp-sr-policy-cp-validity
- draft-zhang-idr-sr-policy-enhanced-detnet
- draft-liu-idr-sr-segment-list-optimize

IDR interim, 9 September, 2024

- <https://datatracker.ietf.org/meeting/interim-2024-idr-11/session/idr>
- BGP-LS and SR presentations

IDR Interim, 23 September, 2024

- <https://datatracker.ietf.org/meeting/interim-2024-idr-12/session/idr>
- Topics were focused on “things impacting BGP NextHops”.
 - draft-ietf-idr-multinexthop-attribute
 - link bandwidth drafts
- We are in need of a RFC 4360-bis to address ambiguities in non-transitivity for extended communities.
- Link bandwidth core feature is coalescing around existing IDR adopted draft. Work with BESS to make sure we implement similar features with consistency is a discussion in progress.
- Other interims were canceled.

Discussion on “Limited Domains”

- Prompted most recently based on discussion from draft-ietf-idr-5g-edge-service-metadata.
 - See RFCs 1136, 8799
- Overlaps the problem of attribute escape
- At the forwarding level, example discussion happening for SRv6 draft-raviolli-intarea-trusted-domain-srv6
- BGP is used more and more to carry things that may never be permitted to touch the Internet
- Do we need to work on mechanisms to define and enforce limited domains in BGP?

Flowspec redirect-ip

- draft-ietf-idr-flowspec-redirect-ip
- Has been implemented for a while, including implementations of the older pre-adopted version of the feature by some vendors.
- Needed as part of WGLC issues for draft-ietf-idr-ts-flowspec-srv6-policy.
 - Our AD, John, has several concerns on this draft in addition to this dependency. Authors working to address it.
- Shepherd report indicates work needed prior to starting WGLC
- Concepts also relevant for FSv2 work.