

IDR (1)

- <https://trac.ietf.org/trac/idr/wiki>
- BGP-LS extensions for segment routing use cases have been popular.
- Flowspec –bis document shipped as RFC 8955 clearing a number of lingering nits.
 - However, consensus is the protocol can't be safely extended due to how NLRI is encoded for components. (It's often Type-Value, on Length)
 - There's significant interest in extending Flowspec for various applications. Given the prior point, we're in need of an extension mechanism. Flowspec v2 under discussion.
 - That interest now spans outside of IDR. PCEP use cases, DETNET, etc.
 - Expect interim meetings before end of year.

IDR (2)

- BGP Multicast work crossing BESS and IDR is in progress.
 - Working Group Chairs discussing how best to coordinate.
 - Need for this style of cross WG and area coordination is becoming more common.
 - Stay tuned for document set and proposed coordination discussions.
- BGP Autoconfiguration work
 - Design team finalized requirements.
 - We're discussing existing protocol proposals.
 - We'll likely have another interim before end of year.
 - Possibly move into protocol selection phase this year.

IDR (3)

- BGP YANG

- <https://github.com/mjethanandani/ietf-bgp-yang/>
- IETF began with OpenConfig model.
- Phases of work:
 1. Get content for various BGP feature in the model.
 2. Clean up structure of model for contents and features.
 3. Audits for interwork. E.g. BFD, Policy, routing-cfg.
 4. Audits for extensibility, maintainability and re-use. Split identities, typedefs into new files. Permit additional BESS and IDR modules to import structure. Many IANA considerations.
 5. Work list hopefully finalized as open Issues in github.
- Looking to finish content by end of year. Hoping to have WGLC by spring IETF.