

# IDR at IETF 83

Chairs slides

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# Agenda

- Administrivia - Chairs [10 minutes]
- BGP Operational - David Freedman [10 minutes]
- Revised Validation Procedure for BGP Flow Specs.- David Smith [10 minutes]
- North-Bound Distribution of Link-State & TE Info. using BGP - Hannes Gredler [10 minutes]
- Loop-Free BGP FRR using Repair Label - Ahmed Bashandy [10 minutes]
- Scalable BGP FRR Protection against Edge Node Failure - Bashandy [10 minutes]
- Multicast Geo-Distribution Control - Jeff Haas [10 minutes]
- BGP Persistence - Bruno Decraene [15 minutes]
- BGP attribute for QoS SLA advertisement - Shitanshu Shah [10 minutes]
- BGP Operational - David Freedman [10 minutes]
- Update on BGP convergence from BMWG group - Rajiv Papneja [10 minutes]
- Collaboration SIDR and IDR WG – Sandy Murphy [10 minutes]
- Route Leaks (SIDR) - Brian Dickson [20 minutes]

Speaker shuffling time 10 minutes: Total 160 minutes (2 hours 20 minutes)

# Status - outgoing

- Published RFCs
  - [RFC 6472](#): Recommendation for Not Using AS\_SET and AS\_CONFED\_SET in BGP
- RFC Editor's queue
  - [draft-ietf-idr-fsm-subcode-03](#)
- AD discussions (standards/informational)
  - draft-ietf-idr-bgp-bestpath-selection-criteria-05
  - Draft-ietf-idr-mrai-dep

# Status – Incoming

- [draft-ietf-idr-operational-message-00](#)
- draft-ietf-idr-rfd-usage-00

# Looking for implementations

- draft-ietf-idr-bgp-multisession-06
- draft-ietf-idr-aigp-07
- draft-ietf-idr-bgp-enhanced-route-refresh-01
- draft-ietf-idr-bgp-ipv6-rt-constrain-01
- draft-ietf-idr-bgp-optimal-route-reflection-02
- Draft-ietf-idr-bgp-mibv2-13
- draft-ietf-idr-dynamic-cap-14
- draft-ietf-idr-as4octet-extcomm-generic-subtype-05
- Draft-ietf-idr-bgp-enhanced-route-refresh-01

# Looking for implementations (2)

- draft-ietf-idr-ext-opt-param-02
- Draft-ietf-idr-flow-spec-v6-02
- draft-ietf-idr-legacy-rtc-00
- Draft-ietf-idr-link-bandwidth-02
- draft-ietf-idr-rfc4893bis-04
- draft-ietf-idr-rfc4760bis-03

# Status Error Handling

Key draft by Grow WG:

- draft-error-handling-01

Other documents:

- draft-idr-as0-03 – passed WGLC
- Draft-idr-bgp-extended-messages
- Draft-idr-operational-message-00



# NM - MIBS

- Draft-ietf-idr-bgp-mibv2-13 –
  - Heading for Last call (see messages)
- Draft-ietf-idr-bgp-mibv2-tc-mib-03
  - Will be coming

# Status Graceful Restart

- Graceful Restart Respin started
- Goal:
  - Clarify operational modes (helper, managed, headless),
  - Fix bugs, clarify language
- Related drafts
  - Draft-idr-bgp-gr-notification-00
  - Draft-idr-enhanced-gr-00

# BGP Paths & Path Selection

- Draft-idr-add-paths-06
- Draft-idr-paths-guidelines-01
- Best-path-external-05 – WGLC not passed
- Idr-bgp-nh-cost-00
- [draft-ietf-idr-custom-decision](#)

# Servers (adopted)

- Draft-jasinska-ix-bgp-route-server-03 –
  - Adopted: draft-ietf-ix-bgp-route-server-03
- Draft-hilliard-ix-bgp-route-server-operations-00
  - Putting it to grow as OPS area BCP

# Upgrades

Need implementations for these upgrade drafts:

- Draft-ietf-idr-as4octet-extcomm-generic-subtype-05
- Draft-ietf-idr-bgp-enhanced-route-refresh-01

BIS-es

- draft-ietf-idr-rfc4893bis-04 (4 octet AS Number)
- draft-ietf-idr-rfc4760bis-03 (MP-BGP)

Q & A