

BGP Registries

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draft-hares-idr-bgp-registries-01

Proposal

- Problem: Squatting on Attributes, errors in allocation.
- Possible Solutions:
 1. Deprecate squatted on attributes + Public shaming
 2. Tooling to check drafts for attributes
 3. Quicker Early Allocations
 4. Go to FCFS – First Come
 5. Better reviews for Early Allocation + WG LC + IETF LC

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Better reviews for early allocation + WG LC

Choice 1: Send All through IDR WG

Choice 2: Send all through Expert Review of WG chairs for BGP Working Groups (BESS, IDR, GROW, SIDROPS)

Choice 3: Designated experts

How does it work

- IETF Standard → IETF Standards + Expert Review
 - WG Chairs are designed experts
 - 2 weeks (along with IETF LC)
 - No review of document from own BGP WG
 - IETF Consensus trumps Expert review
- Add to BGP Registries

In the meantime

- draft-evens-grow-bmp-adj-rib-out-00
 - Tom Petch - Squats on 4 attributes
 - John Scudder – works on getting new draft
- bgp-extended-communities
 - Jeff Haas reported contradictory descriptions in IANA allocation



Registries

- From standard action:
 - Message Types, BGP Path Attributes,
 - BGP Error (Notification) codes, BGP Error subcodes, Open Message Errors subcodes, Update Message Error subcodes, BGP FSM error codes subcodes, BGP CEASE NOTIFICATION subcodes, ROUTE-REFRESH subcodes,
 - ORF Filtering types
 - BGP Tunnel Encapsulations Attribute SubTLVs
 - Route Refresh Subcodes (codes 1-127)

Registries

- Standards review (continue)
 - AIGP Attribute
 - P-Multicast Service Interface Tunnel (PMSI) Attribute Flags,
 - BGP MCAST-VPN Route Types
- IETF Review
 - BGP Open Optional Parameter types
 - P-Multicast Service Interface Tunnel (PMSI) Tunnel Types

Expert Review

- BGP Layer 2 Encapsulation Types
- BGP Layer 2 TLV Types