IDR WG
IETF 102

Susan Hares and John Scudder
IDR Co-chairs

Jie Dong (WG Secretary)
Note Well

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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)
Thursday (18:10-19:10pm)

0) Agenda bashing (5)

1) Update on merger of RLP and eOTC drafts for route leaks solution
[Kotikalapudi Sriram] (8)
draft-ietf-idr-route-leak-detection-mitigation (solution)/
draft-sriram-idr-route-leak-solution-discussion-00 (design discussion)

2) BGP Model for Service Provider Networks [Keyur Patel] (8)
draft-ietf-idr-bgp-model/

3) BGP Extra Extended Community [Jakob Heitz] (8)
draft-heitz-idr-extra-extended-community/

4) BGP Neighbor Autodiscovery [Ketan Talaulikar] (8)

5) Requirements for BGP Neighbor Autodiscovery (15)
[Randy Bush] provides LSVR [8]
Discussion [7]
Route leaks solution

- Open questions about semantics, syntax
- Semantics - Space/Information Trade-off
  - Design A – Design option A
  - Design B – Design Option B
  - Sriram’s talk. Chairs believe we are close.
- Syntax – Attribute or Community?
  - Option 1: Proceed with Attribute Approach
  - Option 2: Use (Large) Community Approach
  - Needs development.
Autodiscovery

• Multiple proposals in multiple groups
  – Overlapping functionality
  – Ranging from minimal to maximal

• Clear to chairs that
  – The WG has great interest in the topic
  – There is no consensus on the requirements

• Ideally chairs would have prepared a full comparison of all proposals
  – It’s an imperfect world, we’re going with what we have today
  – Possible interim
BGP Data Model

- NMDA is requirement for all new Models
  - draft-idr-bgp-model-03.txt – is NMDA
  - Replaces the old model
- Going to WG LC at end of today’s meeting
- Original draft
  - Authors may publish as historical work product, but little interest
Session II: Friday, 11:50-13:20, 7/20/2018

- 0) Agenda bashing and Chair's slides (10)

- 1) LOCAL_PREF Overloaded = Overwritten [Alexander Azimov] (5)
  2) Updates to BGP Signaled SR Policies [Dhanendra Jain] (8)
     draft-ietf-idr-segment-routing-te-policy

- 3) YANG data model for BGP Segment Routing Extensions [Dhanendra Jain] (8)
    draft-djhain-spring-bgp-sr-yang

- 4) BGP-LS Extend for Inter-AS Topology Retrieval [Aijun Wang] (10)
    draft-wang-idr-bgpls-inter-as-topology-ext

- 5) Distribution of Traffic Engineering (TE) Policies and State using BGP-LS
    [Ketan Talaulikar] (10)
    draft-ietf-idr-te-lsp-distribution
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6) Flexible Algorithm Definition Advertisement with BGP Link-State
   [Ketan Talaulikar] (5)
   draft-ketant-idr-bgp-1s-flex-algo

   BGP Link-State Extensions for Seamless BFD [Ketan Talaulikar]
   draft-li-idr-bgp-1s-sbfd-extensions/

7) Applying BGP flowspec rules on a specific interface set [Jeff Haas] (5)
   draft-ietf-idr-flowspec-interfaceset/

8) Segment Routing Policies for Path Segment and Bi-directional Path [Cheng Li] (15)
   draft-li-idr-sr-policy-path-segment-distribution/

   SR Policies for Path Segment and Bi-directional Path in BGP-LS [Cheng Li]
   draft-li-idr-bgp-1s-sr-policy-path-segment/

9) BGP-LS Extensions for Advertising Path MTU [Zhibo Hu] (10)
   draft-zhu-idr-bgp-1s-path-mtu/
See you at IETF 103