

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)

<https://tools.ietf.org/html/draft-xu-idr-neighbor-autodiscovery/>

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-dhjain-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-ls-flex-algo](#)

BGP Link-State Extensions for Seamless BFD [Ketan Talaulikar]

[draft-li-idr-bgp-ls-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-ls-sr-policy-path-segment/](#)

9) BGP-LS Extensions for Advertising Path MTU [Zhibo Hu] (10)

[draft-zhu-idr-bgp-ls-path-mtu/](#)

See you at IETF 103

