

# Routing Area WG (rtgwg)

IETF 82 – Taipei

Chairs: Alia Atlas ([akatlas@juniper.net](mailto:akatlas@juniper.net))

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# Administrivia

- Need Scribe: Thanks to John Scudder for volunteering!
- Blue sheets --- please sign them!
- Agenda Bashing

Topic	Draft	Presenter	Time Allotted
Draft Status & Charter Discussion		Alia Atlas Alvaro Retana	15 mins
Composite Link Framework & Requirements	<a href="#">draft-so-yong-rtgwg-cl-framework</a> <a href="#">draft-ietf-rtgwg-cl-requirement</a>	Ning So	5 mins
Architecture for IP/LDP Fast-Reroute using Maximally Redundant Trees	<a href="#">draft-atlas-rtgwg-mrt-frr-architecture-01</a>	Alia Atlas Gabor Enyedi	30 mins
Maximally Redundant Trees Algorithms	<a href="#">draft-enyedi-rtgwg-mrt-frr-algorithm-00</a>	Alia Atlas Gabor Enyedi	30 mins
IP Fast-Reroute with Fast Notification	<a href="#">draft-csaszar-ipfrr-fn-02</a>	András Császár	25 mins
Protection Mechanisms for LDP P2MP/MP2MP Label Switched Paths	<a href="#">draft-zhao-mpls-mldp-protections-00</a>	Quintin Zhao	10 mins

# Document Status

- No new RFCs since last meeting.
- LFA Applicability in SP Networks
  - [draft-ietf\\_rtgwg-lfa-applicability](#)
  - Submitted to the IESG for Publication (Informational)
  - State: AD Evaluation::Revised ID Needed

# Charter Update (1)

- Objective: clarify that FRR-related topics are officially part of this WG.
- Discussion on the list.
  - Thanks for the comments!

# Charter Update (2)

The Routing area receives occasional proposals for the development and publication of RFCs dealing with routing topics, but for which the required work does not yet rise to the level where a new working group is justified, yet the topic does not fit with an existing working group, and *it is either not ready for a BOF or* a single BOF would not provide the time to ensure a mature proposal. The RTGWG will serve as the forum for developing these types of proposals.

# Charter Update (3)

The RTGWG also focuses on enhancements to hop-by-hop distributed routing (e.g. multicast, LDP-~~The LBTWG also softing related enhancements~~ hop- and loop-free convergence. A specific goal of fast-reroute mechanisms is to provide up to complete coverage when the potential failure

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in terms of practicality and applicability to deployed networks.



# Charter Update (4)

The RTGWG mailing list will be used to discuss the proposals as they arise. The working group will meet if there are one or more active proposals that require discussion.

The working group milestones will be updated as needed to reflect the proposals currently being worked on and the RTGWG Chartering timeline will be updated to reflect the milestones and proposals as they arise by the WG. The working group will meet if there are one or more active proposals that require discussion.

# Milestones (Old)

- Done - Submit draft on calculation of IGP routes over TE tunnels to IESG for publication as Informational RFC
- Done - Submit initial Internet Draft on IP Fast Reroute Framework
- Done - Submit initial Internet Draft on Basic IP Fast Reroute mechanism
- Done - Review various mechanisms for Advanced IP Fast Reroute
- Done - Select the Advanced IP Fast Reroute mechanism
- Done - Submit draft on calculation of IGP routes over TE tunnels to IESG for publication as Informational RFC
- Done - Submit initial Internet Draft on IP Fast Reroute Framework
- Done - Submit initial Internet Draft on Basic IP Fast Reroute mechanism
- Done - Review Framework for IGP for Advanced IP Fast Reroute for publication
- Done - Select the Advanced IP Fast Reroute mechanism

# Milestones (New)

*TBD Submit IP Fast Re-Route Using Not-via Addresses to IESG for publication as Informational*

*Nov 2012 Submit Composite-Link Requirements to IESG for publication as Informational*

*Nov 2012 Submit Ordered FIB architecture to IESG for publication as Informational*

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Reroute Architecture

*Nov 2012 Submit Composite-Link Framework to IESG for publication as Informational*

*Nov 2012 Submit Ordered FIB architecture to IESG for publication as Informational*

*Apr 2013* Submit specification on Advanced IP Fast Reroute

Submit initial Internet Draft on Multicast IP Fast

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