I2RS Working Group
Introduction
Note Well

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- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

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Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

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A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Welcome to the First Official I2RS WG Meeting!
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<th>Agenda</th>
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<tr>
<td><strong>Administrivia</strong></td>
<td>(Chairs, 5')</td>
<td>(5/150)</td>
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<tr>
<td><strong>Introduction, Discussion of overall charter and goals</strong></td>
<td>(Chairs, 15')</td>
<td>(20/150)</td>
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<tr>
<td><strong>Taxonomy of use cases</strong></td>
<td>(Russ White, 30')</td>
<td>(50/150)</td>
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<tr>
<td><strong>Functional Analysis of I2RS</strong></td>
<td>(Alia Atlas, 25')</td>
<td>(75/150)</td>
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<tr>
<td><strong>Introduction to Modeling: Information Models, Data Models, and YANG</strong></td>
<td>(Juergen Schoenwaelder 15')</td>
<td>(90/150)</td>
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<td><strong>I2RS Framework</strong></td>
<td>(Alia Atlas, 15')</td>
<td>(105/150)</td>
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<tr>
<td><strong>I2RS Topology Use Cases</strong></td>
<td>(Jan Medved, 10')</td>
<td>(115/150)</td>
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<tr>
<td><strong>I2RS Overlay Mesh Use Cases</strong></td>
<td>(Bhumip. Khasnabish, 10')</td>
<td>(125/150)</td>
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<tr>
<td><strong>Potential Yang Modifications for Support of I2RS</strong></td>
<td>(Palani Chinnakannan, 10')</td>
<td>(135/150)</td>
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Assorted Administrivia

your wg chairs are:       Alia Atlas <akatlas@juniper.net>
                          Edward Crabbe <edc@google.com>

Many thanks to:

jabber scribe volunteer:  ?
minutes:                  Giles Heron
etherpad:                 Sue Hares

Please pass around and sign the blue sheets.
IRS->I2RS

Working on getting antecedent metadata updated.
General Comments
Discussion

- design groups are inevitable
  - make sure there's a feedback loop

So yes, you've heard it before but:

- keep it on the list if possible
Prototyping

- We realize people will be creating early stage prototypes. Much of this work will be in advance of WG coverage.

- We believe that there is value in transparency. Feedback is good for both the group and the prototype developer...

- Experimental drafts may be a mechanism for this.
A Brief Aside on Draft Substance

There's a somewhat alarming trend in some working groups currently involving individuals publishing skeleton or 'placeholder' drafts for a variety of reasons.

While you can submit your draft whenever you believe appropriate, and early stage drafts will obviously be less mature, we will actively discourage submission of placeholder drafts.
Charter Review
Use Cases in Charter

First Order (Functional)

- Read/Write Interactions with RIB (not FIB)
  - no direct access to FIB
- Control and Analysis of BGP
- Extraction of Topology Data

Second Order (Usage)

- control of egress based augmented (non-NE local) data
- reaction to network attacks
- service layer routing
# Milestones

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<tr>
<th>Target Date</th>
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- Problem Statement
- Use Cases
- High level Arch
- Protocol Requirements
- Encoding Language Reqs
- Information Models
- Analysis of Existing Protocols...
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- draft-amante-i2rs-topology-use-cases-00
- draft-keyupate-i2rs-bgp-usecases-00
- draft-atlas-i2rs-problem-statement-00
- draft-white-i2rs-use-case-00
- draft-hares-i2rs-use-case-vn-vc-00
- draft-dimitri-i2rs-arch-frame-00
- draft-medved-i2rs-topology-requirements-00
- draft-atlas-irs-policy-framework-00
- draft-rfernando-i2rs-framework-requirement-00
- draft-ward-i2rs-framework-00
- draft-rfernando-i2rs-yang-mods-00

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Discussion