

# **I2RS Working Group Introduction**

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- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- 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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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 !**

# Agenda

Administrivia	(Chairs, 5')	(5/150)
Introduction, Discussion of overall charter and goals	(Chairs, 15')	(20/150)
Taxonomy of use cases	(Russ White, 30')	(50/150)
Functional Analysis of I2RS	(Alia Atlas, 25')	(75/150)
Introduction to Modeling: Information Models, Data Models, and YANG	(Juergen Schoenwaelder 15')	(90/150)
I2RS Framework <draft-ward-i2rs-framework-01>	(Alia Atlas, 15')	(105/150)
I2RS Topology Use Cases <draft-amante-i2rs-topology-use-cases-00>	(Jan Medved, 10')	(115/150)
I2RS Overlay Mesh Use Cases <draft-hu-i2rs-overlay-use-case-00>	(Bhumip. Khasnabish, 10')	(125/150)
Potential Yang Modifications for Support of I2RS <draft-rfernando-i2rs-yang-mods>	(Palani Chinnakannan, 10')	(135/150)

# Assorted Administivia

your wg chairs are:

Alia Atlas <akatlas@juniper.net>

Edward Crabbe <edc@google.com>

## Many thanks to:

jabber scribe volunteer:

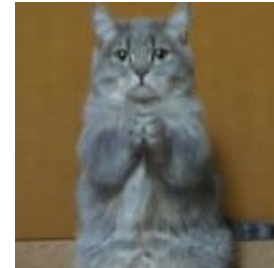
?

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

Target Date	Months Remaining	Document Type	Document Content
7/2013	4	Informational	problem statement
7/2013	4	Informational	high-level architecture
8/2013	5	Informational	use cases
9/2013	6	Informational	protocol requirements
9/2013	6	Informational	encoding language requirements
2/2013	13	Standards Track	information models
2/2013	13	Informational	analysis of existing IETF / other protocols / encoding languages against requirements
2/2013	13	NA	Consider re-chartering

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**BERLIN!**

# Draft Inventory and Content

Problem Statement

Use Cases

High level Arch

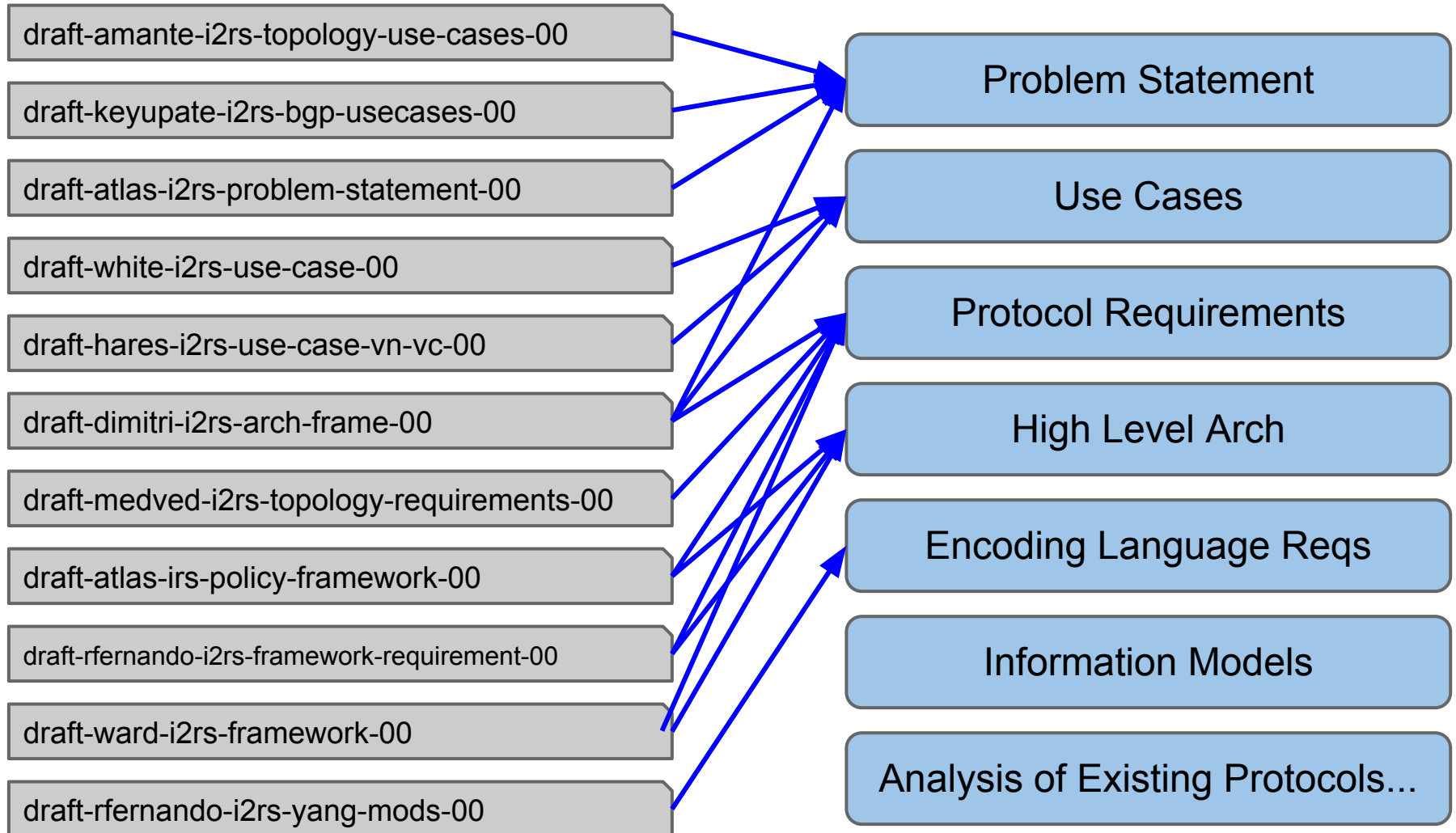
Protocol Requirements

Encoding Language Reqs

Information Models

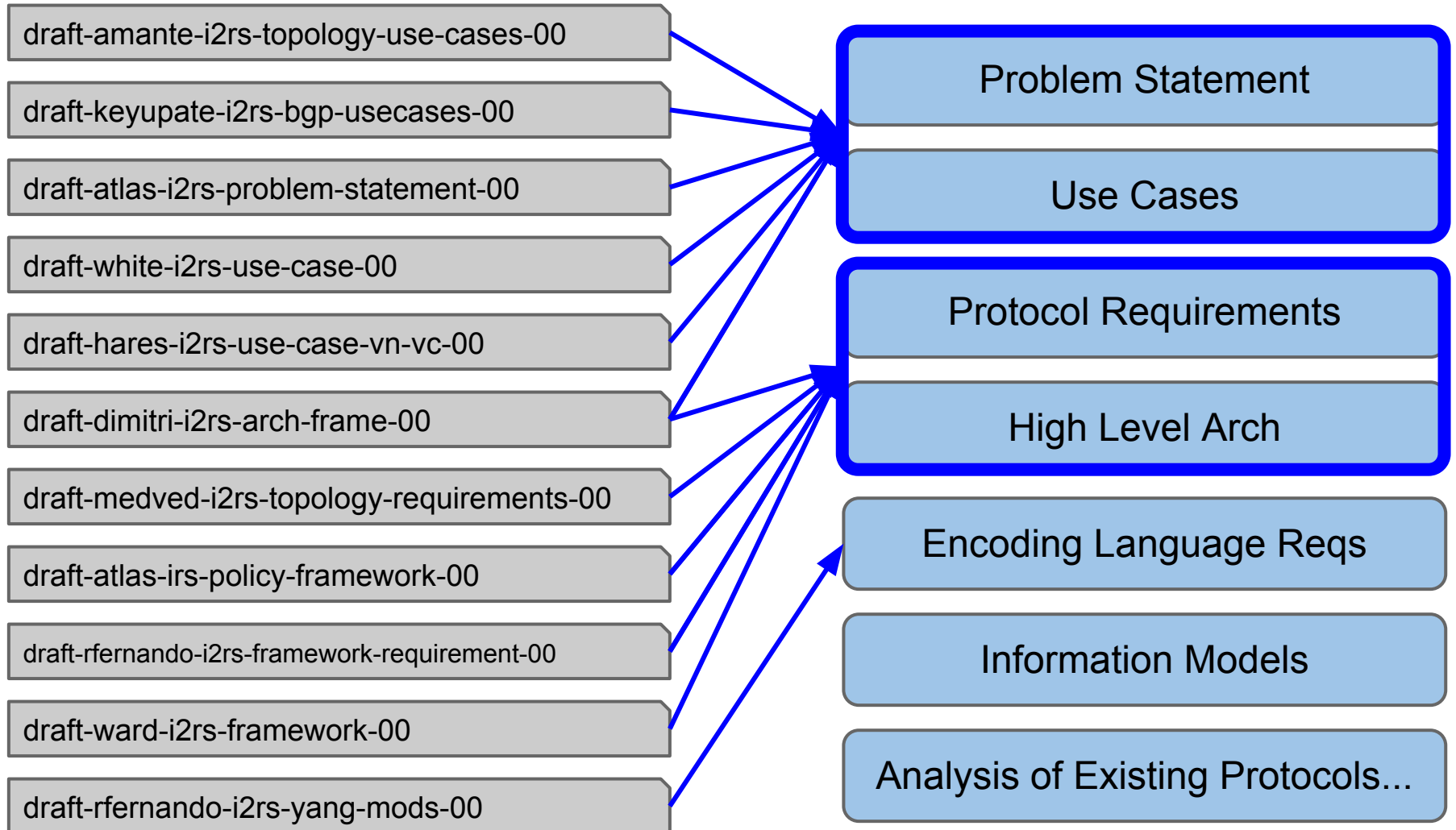
Analysis of Existing Protocols...

# Draft Inventory and Content

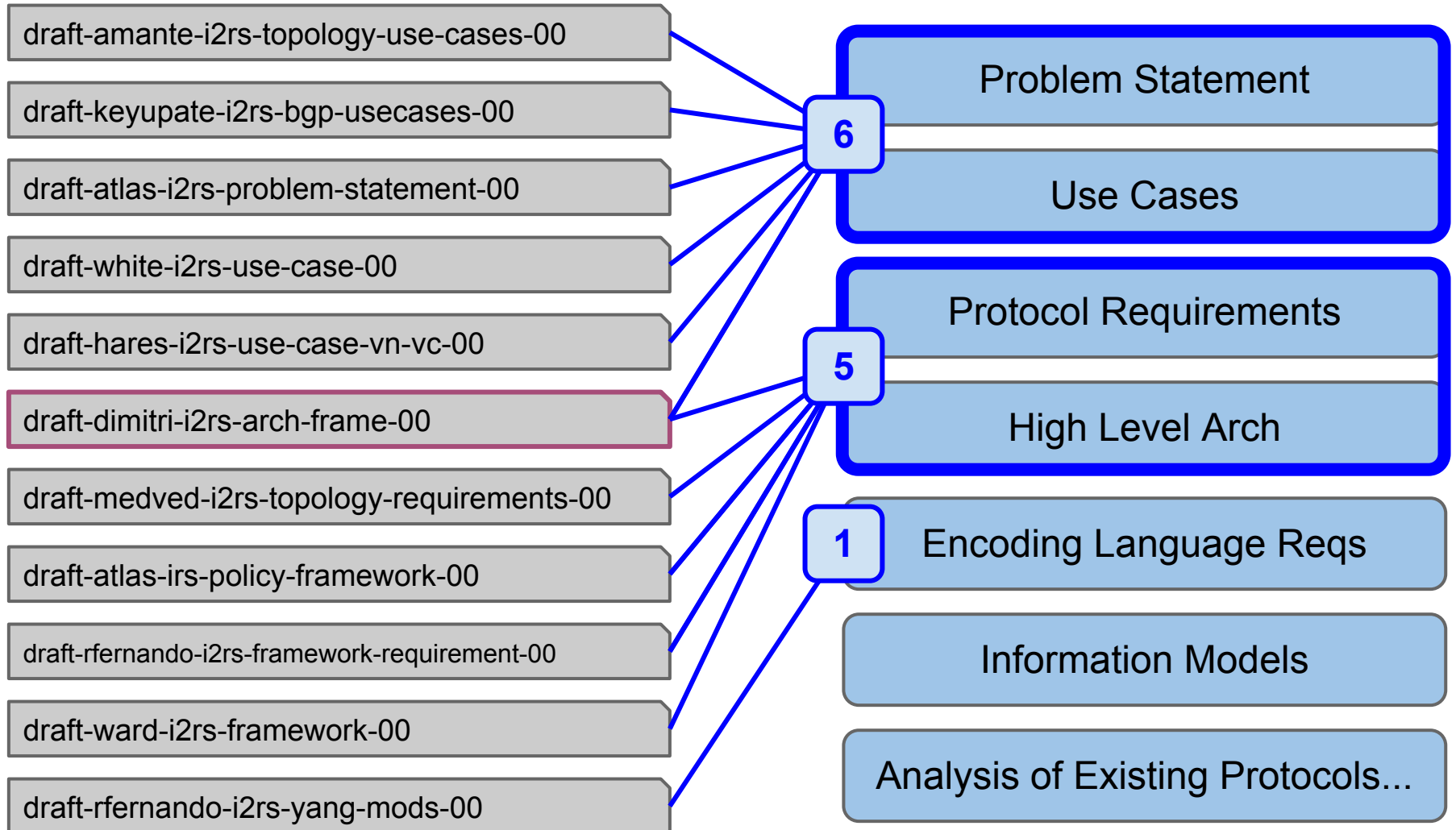




# Draft Inventory and Content



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# Discussion