

I2RS Working Group Introduction

Note Well

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- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
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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 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

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

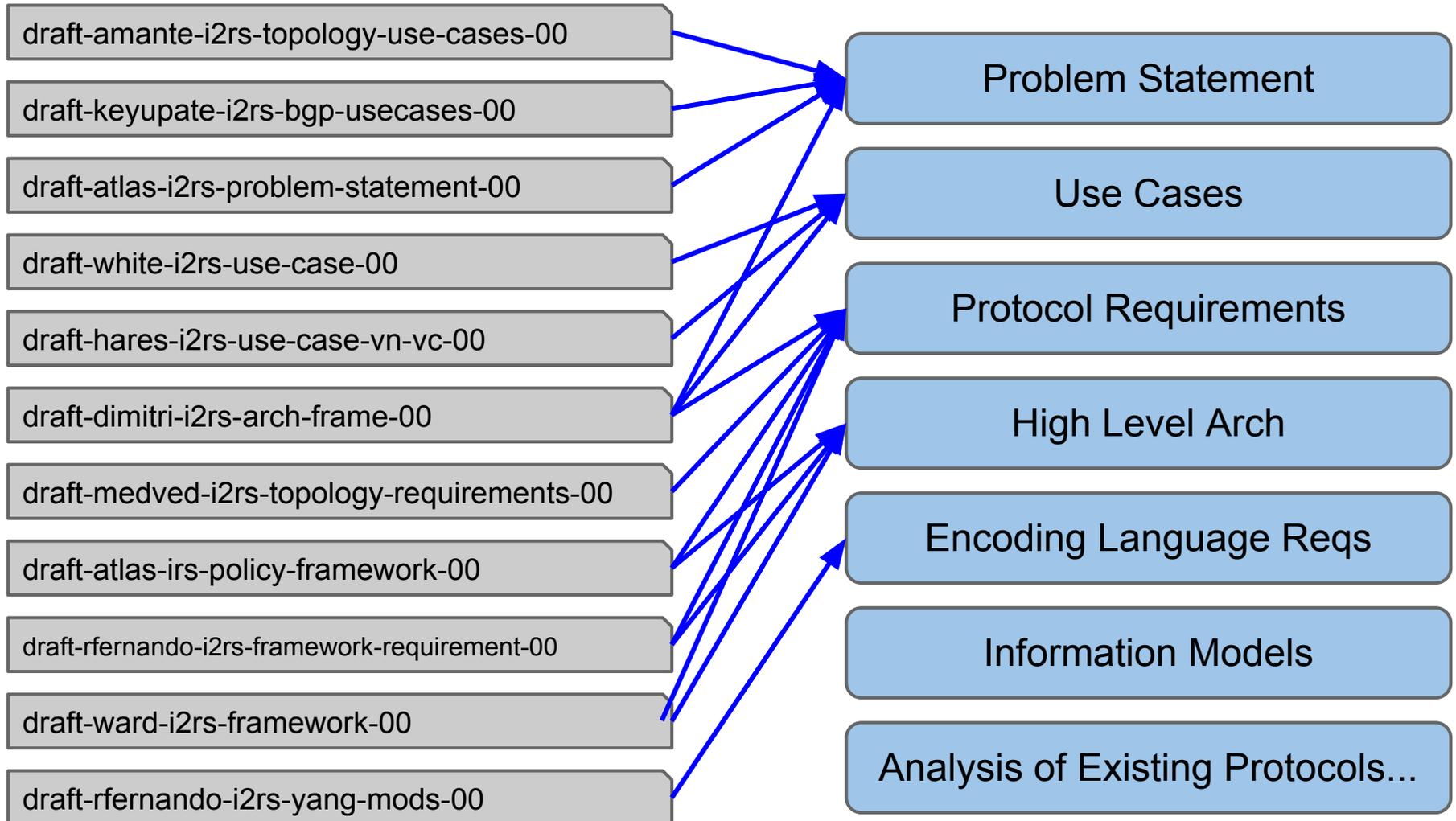
Protocol Requirements

Encoding Language Reqs

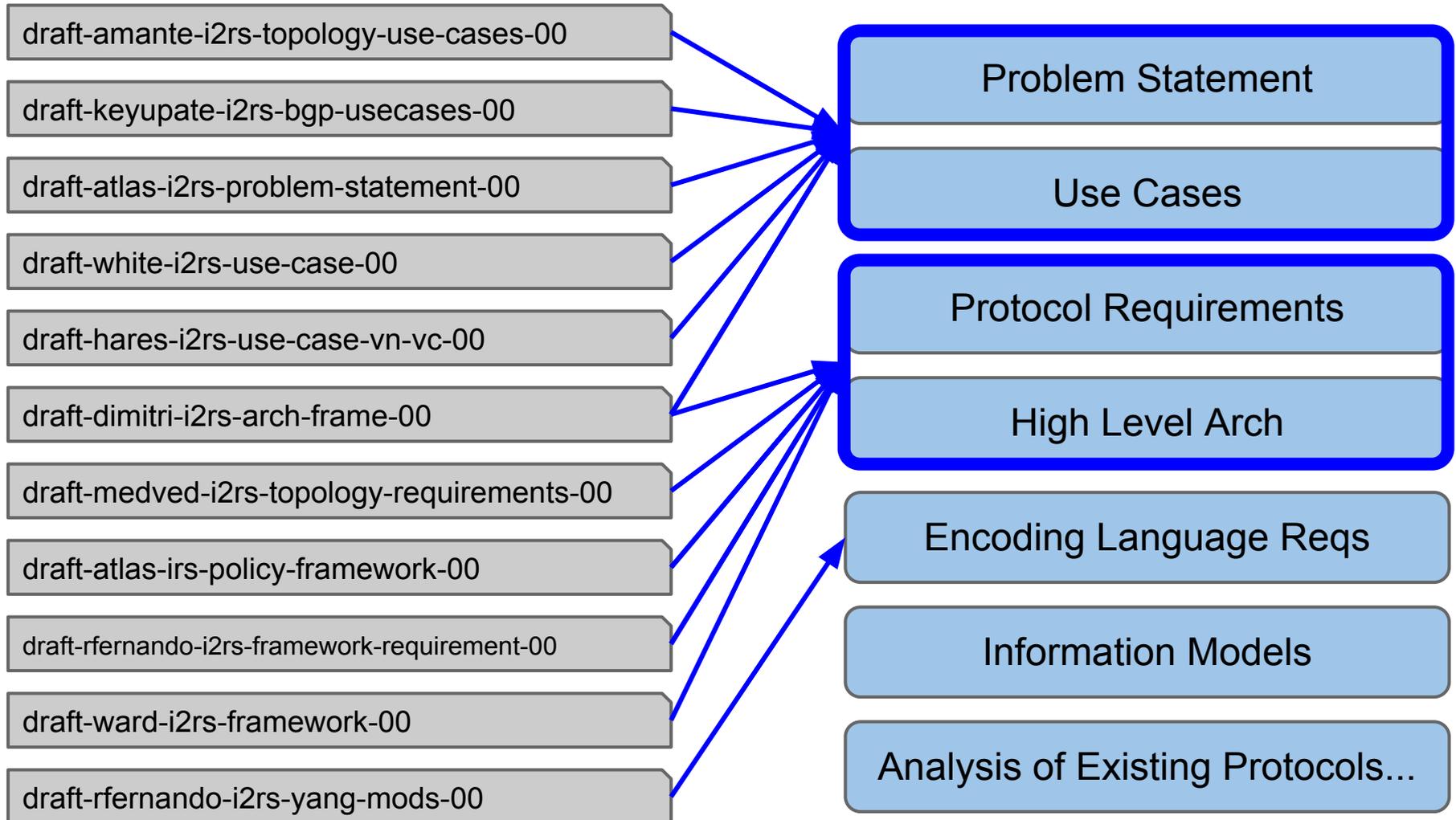
Information Models

Analysis of Existing Protocols...

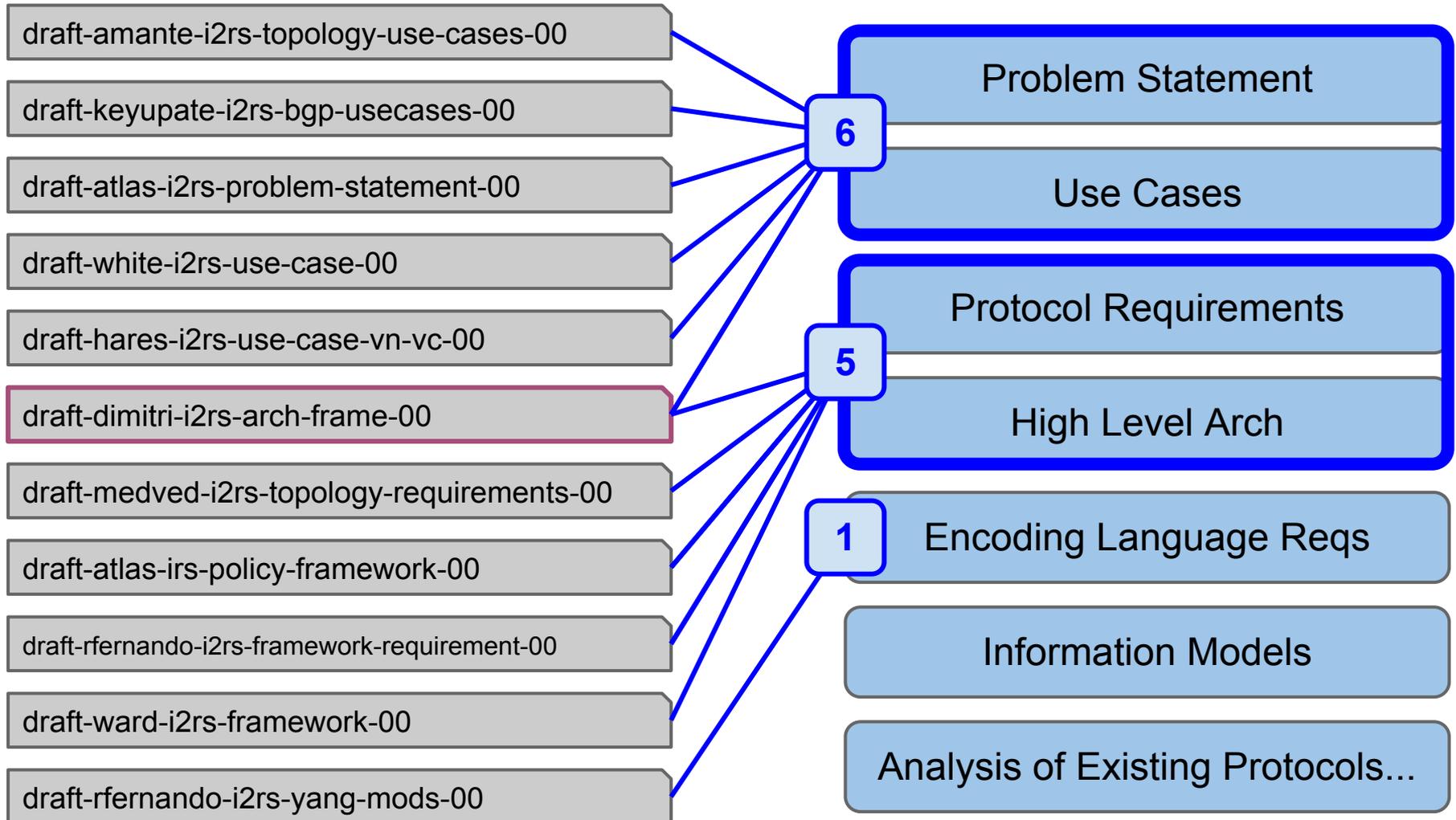
Draft Inventory and Content



Draft Inventory and Content



Draft Inventory and Content



Discussion