

# Keying and Authentication for Routing Protocols (karp)

IETF 83

“Street Fishing” for Carp in Paris

[http://parisisinvisible.blogspot.com/  
2009/01/carp-diem.html](http://parisisinvisible.blogspot.com/2009/01/carp-diem.html)



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# Agenda

## **Administrivia** (5 minutes)

- Scribes (Meeting Minutes & Jabber)
  - Many thanks to Richard Graveman, for again volunteering to take meeting minutes!
  - We still need a Jabber Scribe
- Blue Sheets

## **Welcome & Document Status** - Chairs (10 minutes)

### **Core Document**

- *KARP Overview, Threats, and Requirements*– Manav Bhatia (20 minutes)

### **Routing Protocol Analysis Document**

- *KARP IS-IS security gap analysis* - Uma Chundauri (10 minutes)

### **Automated Key Management for Routing Protocols Using TCP**

- *Database of Long-Lived Symmetric Cryptographic Keys* – Sam Hartman (15 minutes)
- *Key Management for Pairwise Routing Protocol* - Dacheng Zhang (15 minutes)
- *Using IKEv2 with TCP-AO* - Uma Chundauri (15 minutes)
- *Multicast Router Key Management Protocol* - Paulina Tran (10 minutes)
- *Key Management and Adjacency Management for KARP-based Routing Systems* – Bill Atwood (10 minutes)

# Published documents

- RFC 6518: Keying and Authentication for Routing Protocols (KARP) Design Guidelines

# Current WG Drafts

## **draft-ietf-draft-ietf-karp-threats-reqs-03**

*Status:* Waiting for AD Go-Ahead::AD Followup

## **draft-ietf-karp-ospf-analysis-02**

## **draft-ietf-karp-routing-tcp-analysis-00**

*Status:* I-D Exists. Advancement has been blocked on approval of threats-reqs. At the completion of the WG review of threats-reqs-04 they will be re-checked and chairs will start a WGLC.

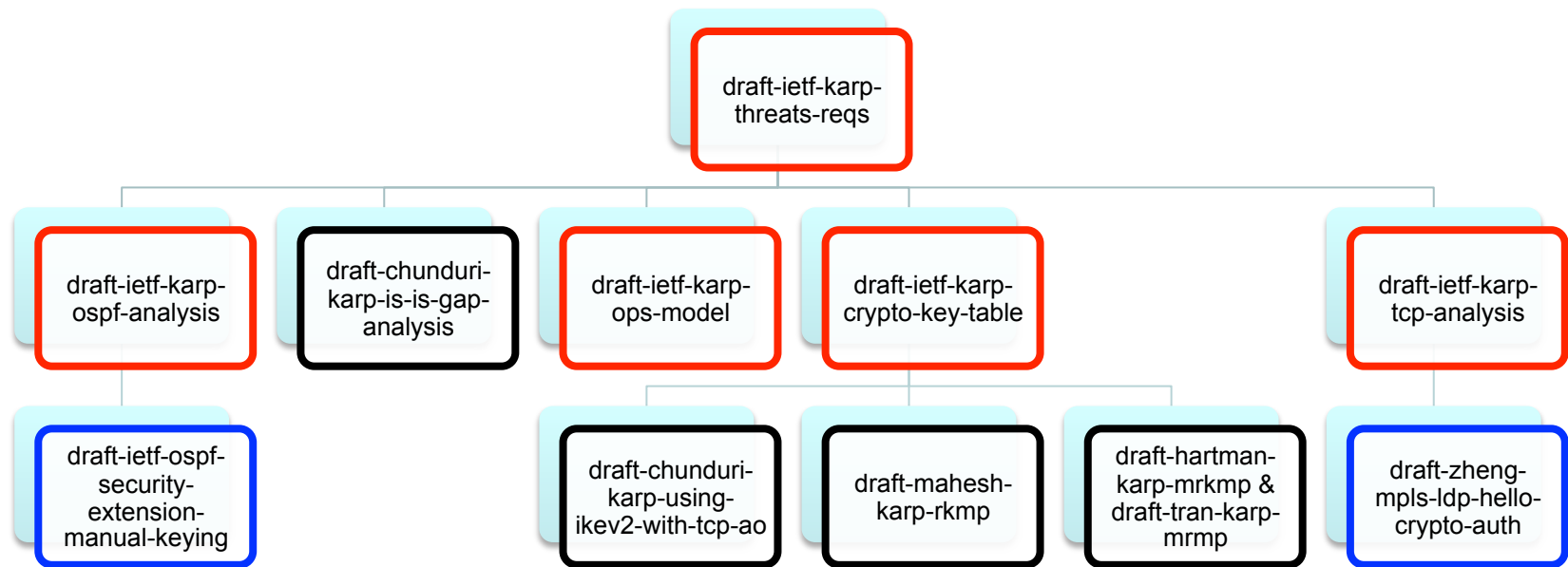
## **draft-ietf-karp-ops-model-01**

*Status:* I-D Exists. Advancement has been blocked on approval of threats-reqs.

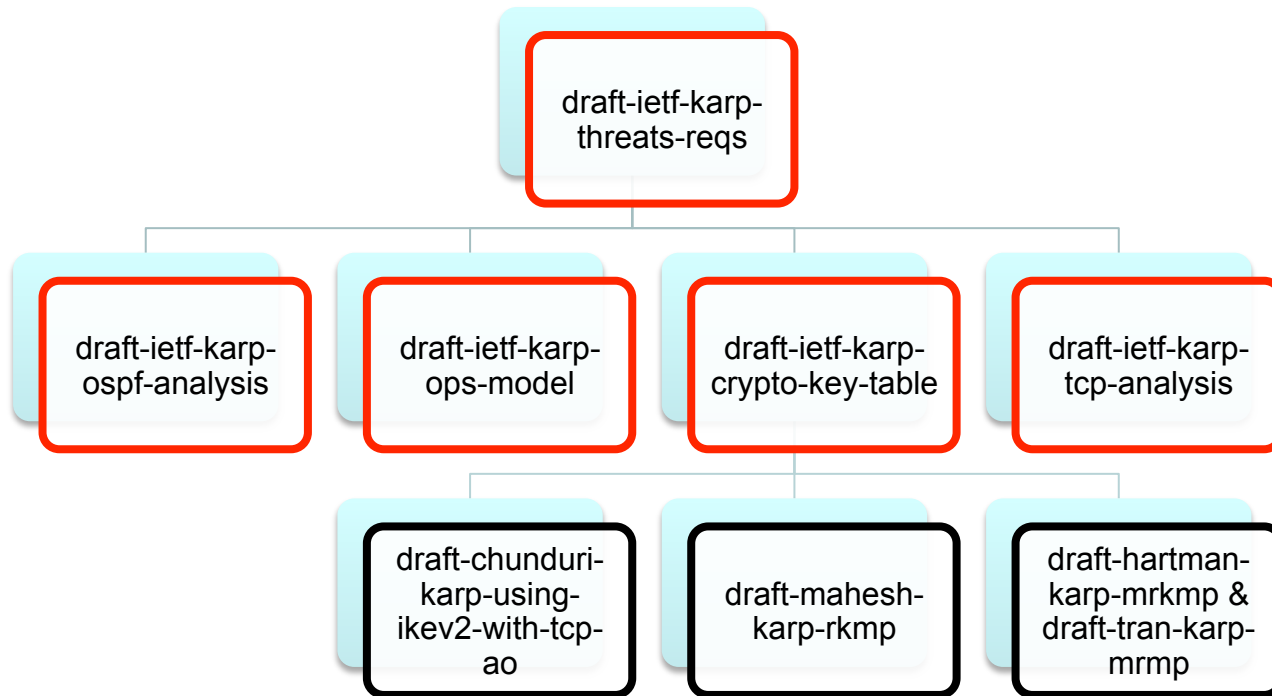
## **draft-ietf-karp-crypto-key-table-02**

*Status:* I-D Exists. New authors have been added to progress it.

# Document Dependencies (KARP, RTG WG, Other)



# Phase 2 (KMP) frameworks & requirements



We need to choose where to do the Phase 2 work ...but where?