

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)



Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- 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
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

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.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

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.

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.

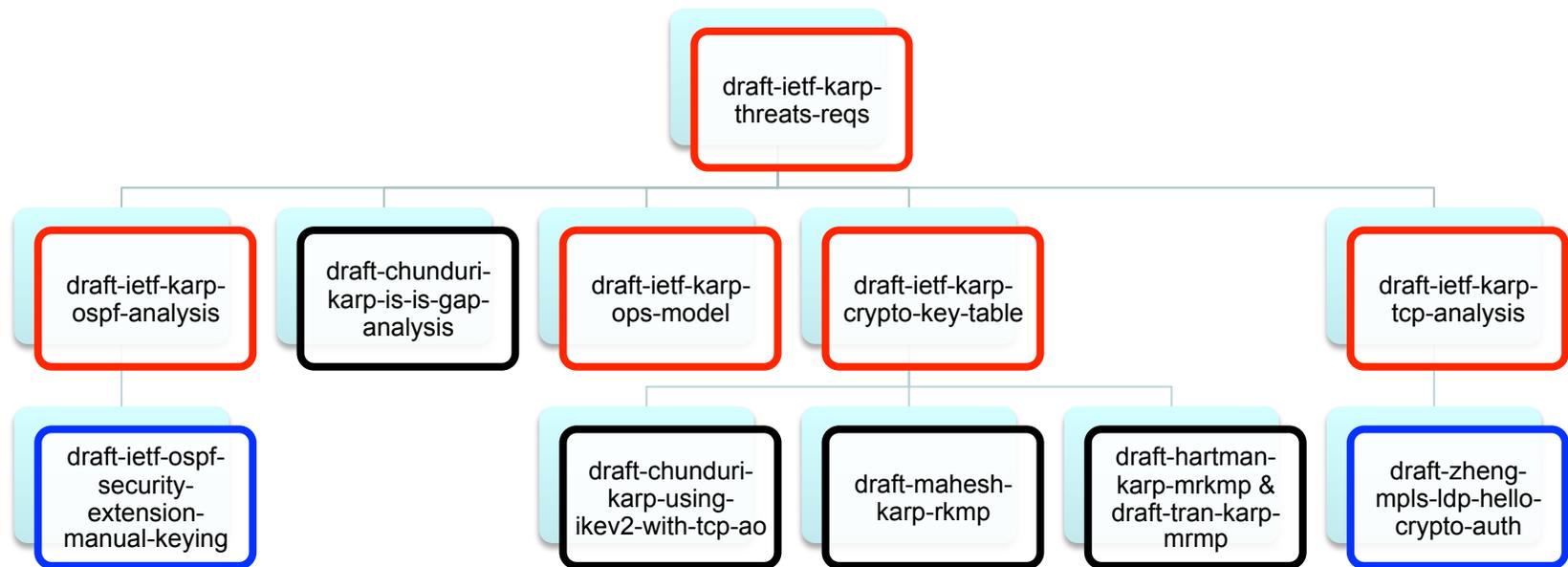
draft-ietf-karp-ops-model-01

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

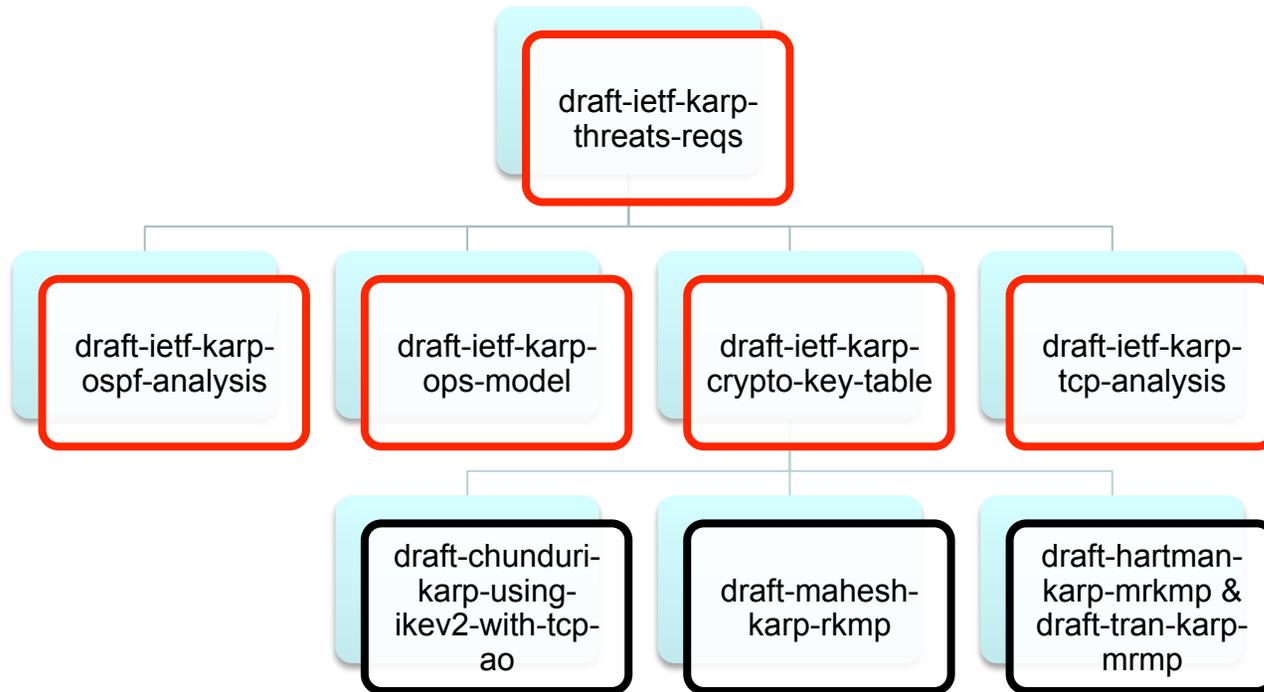
draft-ietf-karp-crypto-key-table-02

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?