Keying and Authentication for Routing Protocols (karp)

IETF 79
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Agenda

• **Administrivia** (5 minutes)
  – Scribes (Meeting Minutes & Jabber)
  – Blue Sheets

• **Welcome & Progress Report** - Chairs (10 minutes)

• **KARP Design Guidelines** - Gregory Lebovitz (15 minutes)

• **KARP Threat Analysis and Requirements** - Gregory Lebovitz (15 minutes)

• **Database of Long-Lived Cryptographic Keys** - Tim Polk (20 minutes)

• **Operations Model for Router Keying** - Sam Hartman (20 minutes)

• **Multicast Router Key Management Protocol (MRKMP)** - Sam Hartman (20 minutes)

• **Automated Security Association Management for Routing Protocols** - Yinxing Wei (15 minutes)
Progress Report
Current WG Drafts

• Two KARP WG I-Ds have been updated, and need reviews
  – draft-ietf-karp-design-guide-01
  – draft-ietf-karp-threats-reqs-01

• We can’t move very much further without reviews, and a rough consensus!

• One KARP WG I-D is on hold until other directions are set
  – draft-ietf-karp-framework-00
Progress Report
Individual Drafts

• Need to get consensus on direction
  – Key tables, as a tool for separating the process of key agreement from the routing protocol
  – If consensus can be had for key tables, we then can consider guidance on how to use the key tables (the “operations model”)
  – We also will be hearing some advance key agreement ideas