



**Keying and Authentication for
Routing Protocols (karp) BOF**

Agenda

- **Administrivia** (5 minutes)
 - Scribes (Meeting Minutes & Jabber)
 - Blue Sheets
- **Welcome & BoF Goals** - Chairs (5 minutes)
- **KARP Roadmap** - Gregory Lebovitz (30 minutes)
- **Issues with existing Cryptographic Protection Methods for Routing Protocols** - Joel Jaeggli (10 minutes)
- **The TCP Authentication Option** - Joe Touch (15 minutes)
- **Database of Long-Lived Cryptographic Keys & Their Use In Routing Authentication** - Russ Housley & Tim Polk (15 minutes)
- **Survey of Existing Routing Authentication Methods** – Chairs (20 minutes)
- **Charter Discussion** (15 minutes)
- **Open Discussion** (35 minutes)

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BoF Goals

- Consider a proposal to create a WG to consider a baseline level of transport level security for routing protocols
- Listen to a preliminary analysis of the state of current routing protocol issues
- Consider some existing work in this area
 - TCP Authentication Option (TCP-AO)
 - Description of a Database of Long-Lived Cryptographic Keys
 - Survey of what the routing protocol groups have already been doing to increase security
- Take consensus on whether a WG is warranted