Keying and Authentication for Routing Protocols (karp)

IETF 84
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Agenda

Administrivia (5 minutes)
• Scribes (Meeting Minutes & Jabber)
  – We still need a Scribe
  – We still need a Jabber Scribe
• Blue Sheets

Welcome & Document Status - Chairs (10 minutes)

Core Document
• Operations Model for Router Keying – Dacheng Zhang (10 minutes)

Key Management
• Database of Long-Lived Symmetric Cryptographic Keys – Dacheng Zhang (20 minutes)
• Using IKEv2 with TCP-AO - Uma Chundauri (15 minutes)
• Simplified Authentication Method for KARP KMP - Uma Chundauri (15 minutes)
• Automatic Key and Adjacency Management for Routing Protocols – Bill Atwood (15 minutes)
Current WG Drafts

draft-ietf-draft-ietf-karp-threats-reqs-05
    Status: IESG Evaluation::Revised ID Needed

draft-ietf-karp-ospf-analysis-02
    Status: Submitted to IESG for Publication. Doc Shepherd Follow-up Underway

draft-ietf-karp-routing-tcp-analysis-00
    Status: WG Consensus: Waiting for Write-Up. Doc Shepherd Follow-up Underway

draft-ietf-karp-ops-model-03
    Status: I-D Exists.

draft-ietf-karp-crypto-key-table-03
    Status: I-D Exists.
Milestone Discussion

• We are behind in our milestones, but more importantly we do not have WG drafts these protocols:
  – RSVP-TE
  – ISIS
  – BFD
  – LMP
Next Steps

• For the analysed protocols, we need to take the next stop in analysis
  – Some protocol I-Ds and RFCs published to address the gaps in the analyses, but do they close all of the gaps?
  – Key management analysis is on-going as part of the key management solution work
Key Management

• The majority of our time today will be spent on key management
  – It will be important to gain consensus soon on directions for key tables, protocol flows, and high level frameworks