

KMART Discussion

Introduction

- The KMART draft proposes a plan for providing key management for routing protocols
 - draft-lebovitz-kmart-roadmap-01
- Gregory's Slides:
 - <http://www.ietf.org/proceedings/09mar/slidesrtgarea-2.pdf>
- This discussion is to consider how the MSEC WG can participate.

KMART Phases

- Phase 1 includes forming design teams to “incrementally improve their Base RP's security”
 - There's some expertise in this room that can help.
- Phase 2 is focused on automatic key management.
 - Group key management could well be within the realm of MSEC (if not its current charter)

KMART Protocol Categories

- BGP, LDP and MSDP
 - Pairwise keying
- OSPF, ISIS, and RIP
 - Group keying
- Bidirectional Forwarding Detection (BFD)
 - Pairwise keying?
- RSVP, RSVP-TE, and PCE
 - Pairwise or group keying
- PIM (PIM-SM, PIM-DM, PIM-SSM, Bidir-PIM)
 - Group keying

Previous Discussions in MSEC

- OSPF, ISIS, and RIP
 - draft-liu-ospfv3-automated-keying-req-01
 - draft-liu-gdoi-extensions-00
- RSVP, RSVP-TE, and PCE
 - draft-weis-gdoi-for-rsvp-01
 - draft-ietf-tsvwg-rsvp-security-groupkeying-01
- PIM (PIM-SM, PIM-DM, PIM-SSM, Bidir-PIM)
 - draft-ietf-pim-sm-linklocal-06

Get Involved!

- Please read & comment on the draft, and join the mailing list

<http://tools.ietf.org/html/draft-lebovitz-kmart-roadmap-01>

Mailing list: kmart@ietf.org, join by sending “subscribe” in an email to kmart-request@ietf.org.

- If you're interested in participating in one of the Phase 1 efforts, get involved!
- Should MSEC resume investigations of common automated group key management issues for these protocols now?