# SNMP & BEEP

draft-kaushik-isms-btsm-01.txt

# Goals

- Make use of existing security models

- Also provide ease of transport through firewalls, NATs, etc.

- Leverage existing standards where possible

- (non-goal: XMLize SNMP)

# Method

- Use BEEP (RFC 3080)

- Make use of SASL for authentication and TLS for privacy (both specified already)

- Make use of TLSM mapping if possible

# Conveniences

- BEEP is peer to peer over TCP, enabling either end to initiate a connection, no matter who will make requests.

- Optional re-use of security association with similar functions

# Questions

- How to map BEEP channels in the ASI?

- How shall identity mapping be handled?

- Should the username be carried in each request?

- How shall notifications be handled?