OPES Callout Protocol Requirements

53rd IETF - Minneapolis, MN

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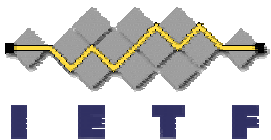
Status of Current I-D

- **Current protocol requirements and Use case draft will be taken as a starting point**
  - Section on efficiency could be taken almost as is.

- **Some modifications are needed**
  - Need to take a step back and look at some of the requirements decoupled of any existing protocol. In other words find which protocol meets the requirements and not the other way around.
 - Some basic questions about the protocol not discussed in current draft
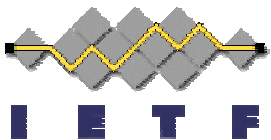
Basic Protocol Requirements Questions

- **Should it be reliable?**
  - Would the transport layer provide this service?

- **Should it be congestion aware?**
  - Would the transport layer provide this service?

- **Should it support keepalives?**
  - Would the transport layer provide this service (SCTP, for instance)?

- **Should the protocol reuse current encryption methods? We assume yes.**

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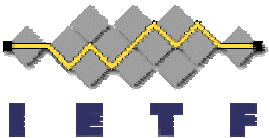
Basic Protocol Requirements Questions

- **What about Failover requirements?**

- **Should it support capability negotiation?**
  - For instance you just tell the intermediary that there are some callout server available and it figures out by itself which services each one provides, extensions, etc.

- **Should it be NAT friendly?**

- **Should it work through firewalls?**
  - Maybe in some situations the intermediary is also a middlebox.

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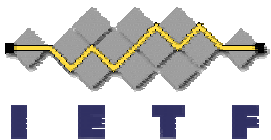
What is needed

- **Input is needed**
  - Read draft and this proposal and comment on the mailing list

- **Volunteers for the I-D**

- **Reinaldo Penno**
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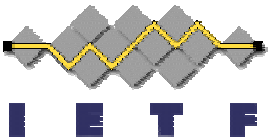
Design Team

- **Thanks to**
  - Markus Hofmann
  - Abbie Barbir

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