OPES

Open Pluggable Extension Services

- Proxy-based application extensions
 No changes to endpoint agents
- Protocol for proxy to application communication
 - Application-level reframing
 - Partial messages
 - Signalling start/stop/skip/, etc.
- Opt-in, tracing, privacy considerations
- Rule language for vectoring



OPES (Is and Isn't)'s



OPES Challenge



OPES Callout Protocol

OPES header open/close/start/continue/stop/close data type, length service id, service parameters

Encapsulated application data (HTTP, RTP, ?)

Transport: TCP (SCTP) (UDP?)

OPES Commn & Code Points



Possibly Augmented App Hdrs

- OPES-service-permission
 - service name list, ANY, NONE
- OPES-trace-info
 - OPES-callout-server-id
 - OPES-service-id
 - trace-file-URL (?)

