IETF 54 BOFs
What is a “BOF”?  

- “Birds of a Feather” Session
  - Because “birds of a feather flock together”
  - Short term for a relatively informal meeting

- Two common purposes
  - Focused one-shot discussion of topic
  - Working group chartering and formation
Bird of a Feather Sessions

- Network Mobility BOF
- XML Configuration BOF
- Datagram Congestion Control Protocol BOF
- Jabber Protocol BOF
- Topology-Insensitive Service Traversal BOF
- Packet Sampling BOF
- Securing Neighbor Discovery BOF
- Cross Registry Information Service Protocol BOF
- Control of ASR and TTS Servers BOF
- IP Path Tracing BOF
- Extended Incident Handling BOF
- Remote Direct Data Placement BOF
- License to Enhance Messaging Oriented Network Access for Diverse Endpoints BOF
- Intellectual Property Rights BOF
Network Mobility BOF

- **Problem:**
  - Mobile Routers using Mobile IP Approach
  - Allows router with devices to move within a fixed infrastructure

- **Status:**
  - Second BOF
  - Will be chartered
Problem:
- Exploratory discussion of potentially using XML in a next generation network management architecture

Status:
- We’ll see where this goes. There is significant work on a next generation architecture, and this may be part of it.
Sally Floyd’s research

Problem:
- Can we make voice/video more TCP-friendly?
- To do so, one of the things we have to do is schedule traffic when it will make the least impact on the network

Status
- Research
- Wait and see
Jabber Protocol BOF

- Problem:
  - Yet another instant messaging protocol
  - The meeting didn’t go well, nor did the IESG Plenary following it

- Status
  - Don’t bet on it being chartered
Topology-Insensitive Service Traversal BOF

- **Problem:**
  - Detecting middleware devices using an active protocol such as RSVP

- **Status:**
  - Decision was to take the work to nsis
Packet Sampling BOF

Problem:
- Taking measurements and samples of traffic in an operational network
- Standardizing features like Cisco Netflow

Status:
- Second BOF
- Likely to be chartered
Securing Neighbor Discovery

BOF

Problem:
- Neighbor Discovery is IPv6 counterpart to ARP
- It is not secure
- Should it be?

Status
- Likely to be chartered, but interest was not high
Control of ASR and TTS Servers BOF

- Terms:
  - ASR: Automated Speech Recognition
  - TTS: Text To Speech
  - Also Speaker Verification

- Problem:
  - Intended to manage control of interaction between a media server and a speech resource

- Status:
  - Probably will be chartered as a working group
Cross Registry Information
Service Protocol BOF

Problem: Defining an intra-registry service:
- Specific data types and queries to be supported in the global service
- Standard process for naming or locating
- Authoritative services
- Expression of input query
- Expression of result sets
- Standard expression of error conditions
- Authentication and verification of data integrity

Status
- This is likely to happen
IP Path Tracing BOF

- **Problem:**
  - Tracing spoofed attack traffic back to a source system, using a technique of hashing the address of the router and inserting it into the packet

- **Status:**
  - The room thought the project only needed a little work and couldn’t see why to build a WG
Extended Incident Handling

BOF

- Problem:
  - Design of an XML Schema for automated reporting of security incident details
  - Based on work at Terena

- Status
  - Probably will be chartered
Remote Direct Data Placement

BOF

- **Problem:**
  - Storage control systems usually use proprietary protocols highly optimized to their jobs.
  - IP-based ones are being looked at using SCTP or TCP as a transport.

- **Status**
  - (Finally) likely to be chartered
License to Enhance Messaging Oriented Network Access for Diverse Endpoints BOF

- “lemonade”

Problem:

- Internet Unified Messaging
- Enhance message retrieval for low-latency playback.
- Extend message deposit and retrieval for low bit rate devices and mobile endpoints.
- Message notification protocols

Status:

- Likely to be chartered
Problem:
- Enhance/explain IETF Intellectual Property procedures
- Solve issues raised by lawyers periodically

Status
- This will happen
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