PPSP Base Tracker Protocol

draft-cruz-ppsp-base-tracker-protocol
PPSP WG
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Recap

- The Base Tracker Protocol uses two messages for the operation:

    - a **CONNECT** Request message to "register" and/or request actions on swarm(s) of streaming contents;

    - a **STAT-REPORT** Request message to periodically inform the Tracker about its status and supply statistic information;

- To terminate all its activity in the P2P streaming service the Peer may:

    - Send a CONNECT Requesting action to LEAVE swarm(s);
    - Stop sending periodic STAT_REPORT;

Open issues from IETF 84

- IP Address in TP request?
- Encoding?

Revision record

- IP address is optional in request message from Peer to Tracker, and mandatory in response Peer list from Tracker to Peer.

- Encoding is irrelevant to protocol design. Move section 7.1 to Appendix.

Detail consideration

- IP address issue: If a peer has public IP addresses, the Tracker can get it from the packet header. If a peer is behind NAT, in most case, providing private IP address in request message won't help.

Next Step

- We ask the WG to adopt draft-cruz-ppsp-base-tracker-protocol as a WG item.