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.