

A PPSP Tracker Usage for Reload

draft-xiao-ppsp-reload-distributed-tracker-03

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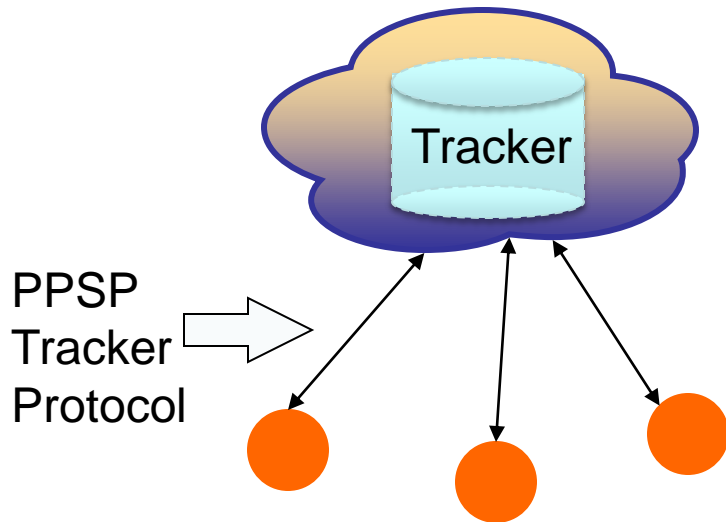
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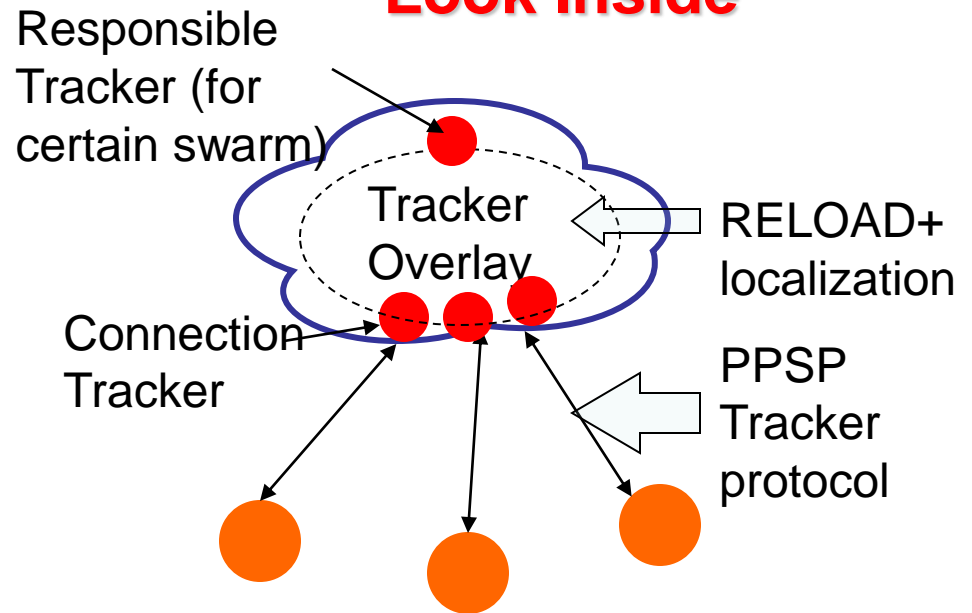
Overview

Look Outside



Appears as a centralized tracker from outside

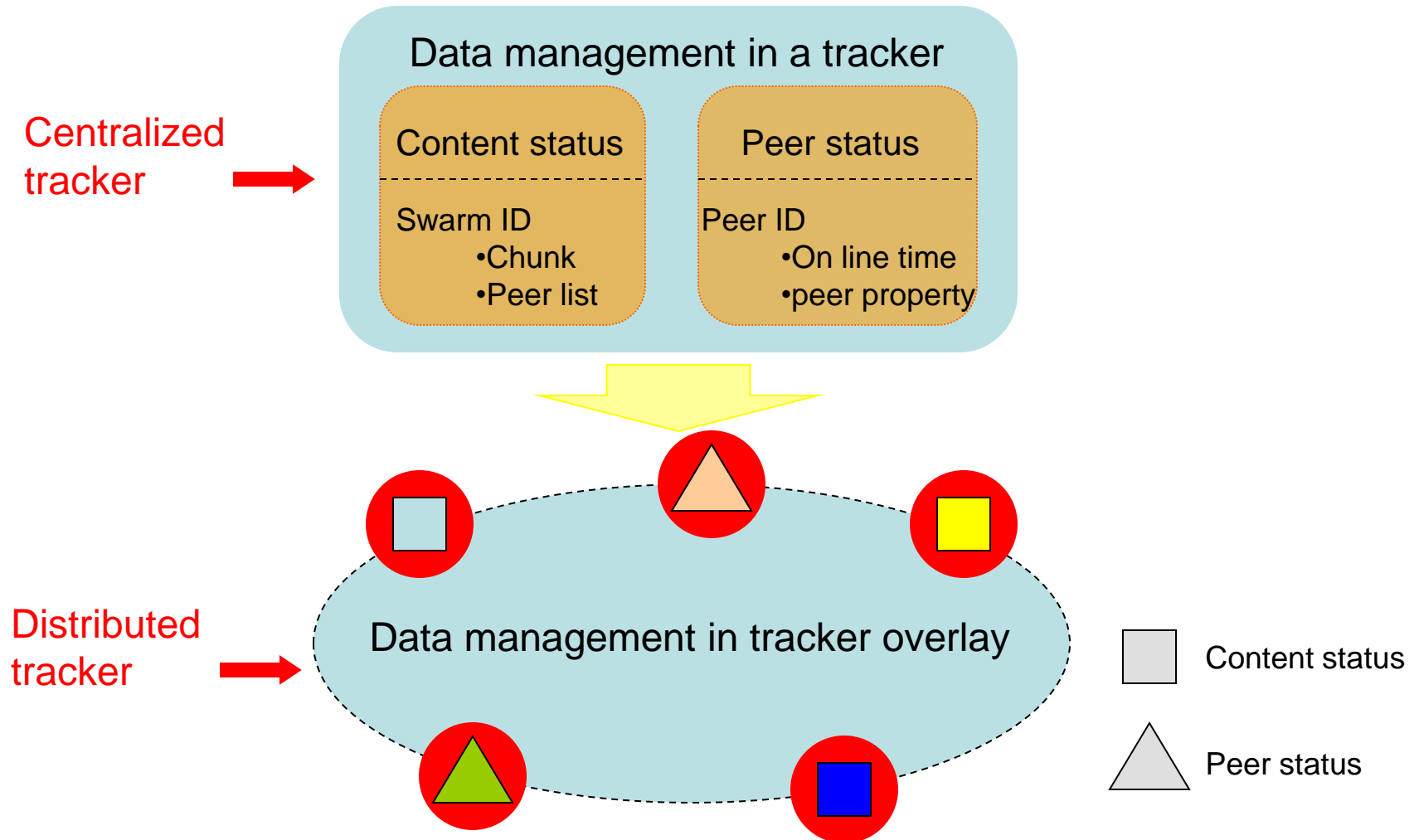
Look Inside



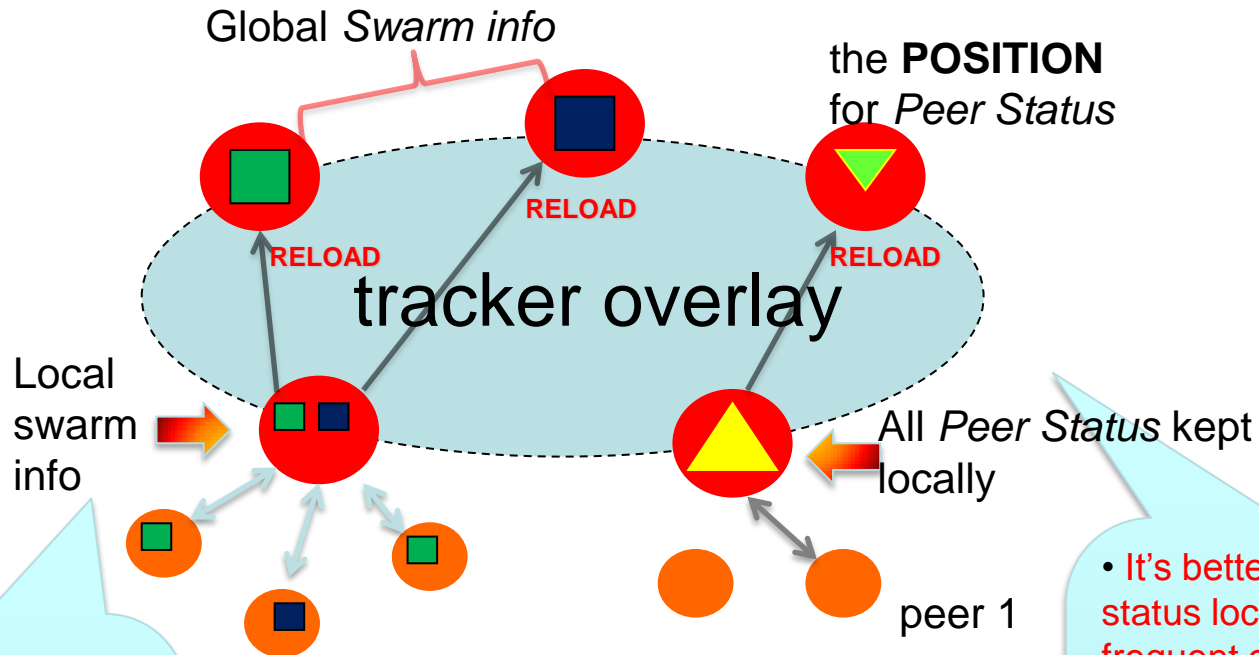
Distributed trackers are organized as a overlay

No change to PPSP Tracker Protocol !

Two kinds of information



Considering Localization



- peers in one swarm are distributed globally.
- The swarm info are maintained in tracker overlay by Reload
- Local copies of swarm info are kept by connection tracker to localized the traffic in both peelist query and content transfer.

- It's better to keep peer status locally, to avoid the frequent cross over status updates
- also, most peer status query are from peers of local area, as localized peer-list is generated
- the peer status only need register its position in the tracker overlay by Reload to tell others how to find it.