

*COOPERATIVE*  
DISTRIBUTION OF THE END OF  
THE IPV4 FREE POOL

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# Problem Statement

- ▣ After IANA has handed out its last IPv4 block, and one of the RIRs runs out, historical practice for address management has come to an end.
- ▣ The RIR members are not captive to their home RIR. If their home RIR has run out, those seeking space will follow the available resource.

# Propose Solution

- ▣ Any RIR that has only a 30 day supply of space becomes a virtual LIR of the RIR with the largest remaining pool with respect to it's recent run rate. Effectively aggregating the requirements for the requesting RIRs membership.
- ▣ The requesting RIR would be able to get up to 3 months of their recent run rate, as long as that did not exceed  $1/8$  of the remaining pool at the source RIR. At the point where  $1/8$  is exceeded the distribution unit would shift to 1 week.

# Advantage / Disadvantage

- ▣ Advantage:

Existing relationships retained. Distributes the workload to where the membership is, rather than where the remaining space is.

- ▣ Disadvantage:

Precludes the RIR that ends up holding the last block from receiving revenue from new members that would join from other regions.