

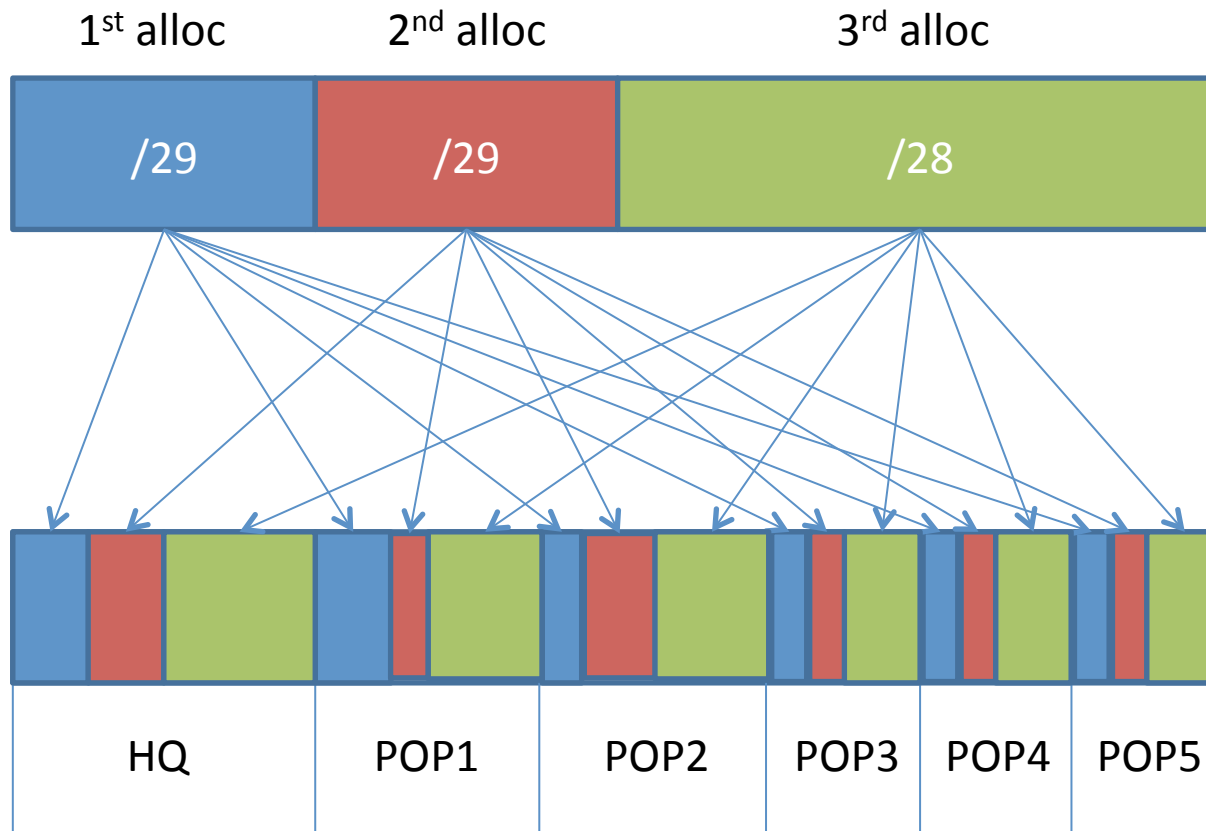
# IPv6 Reservation for Large Network

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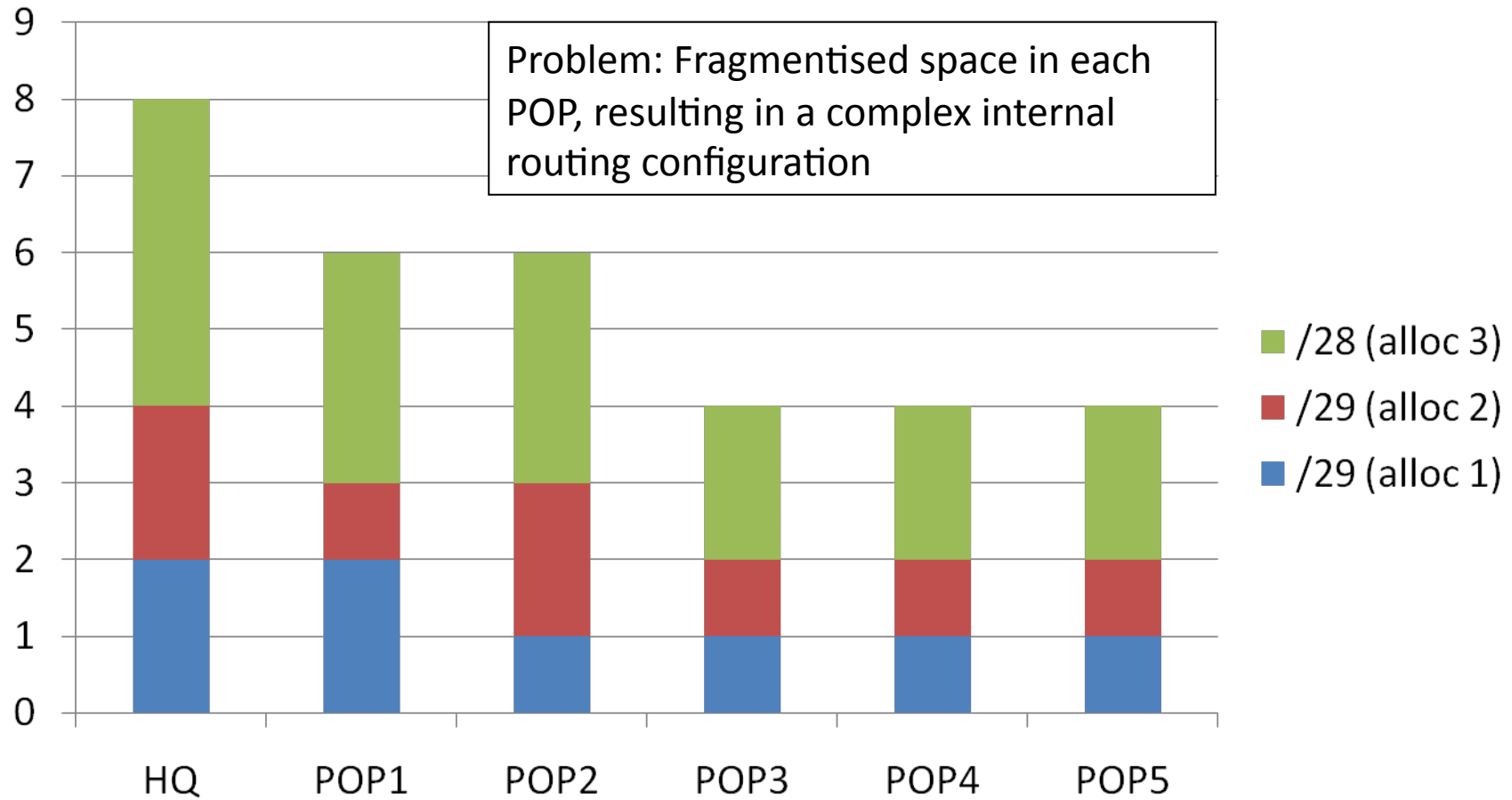
2011-08-30

# **THE PROBLEM**

# Standard Allocations

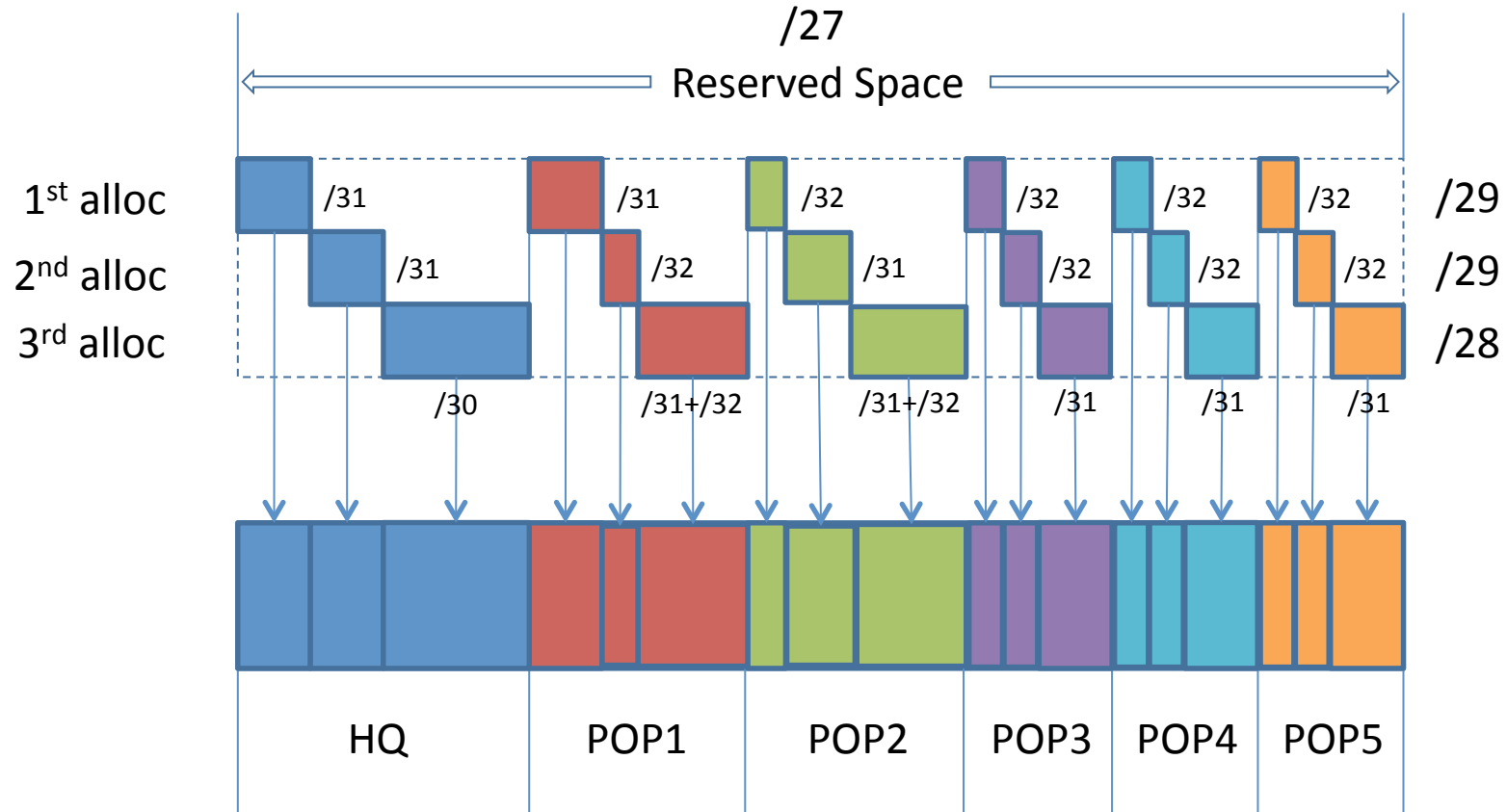


# Standard Allocations

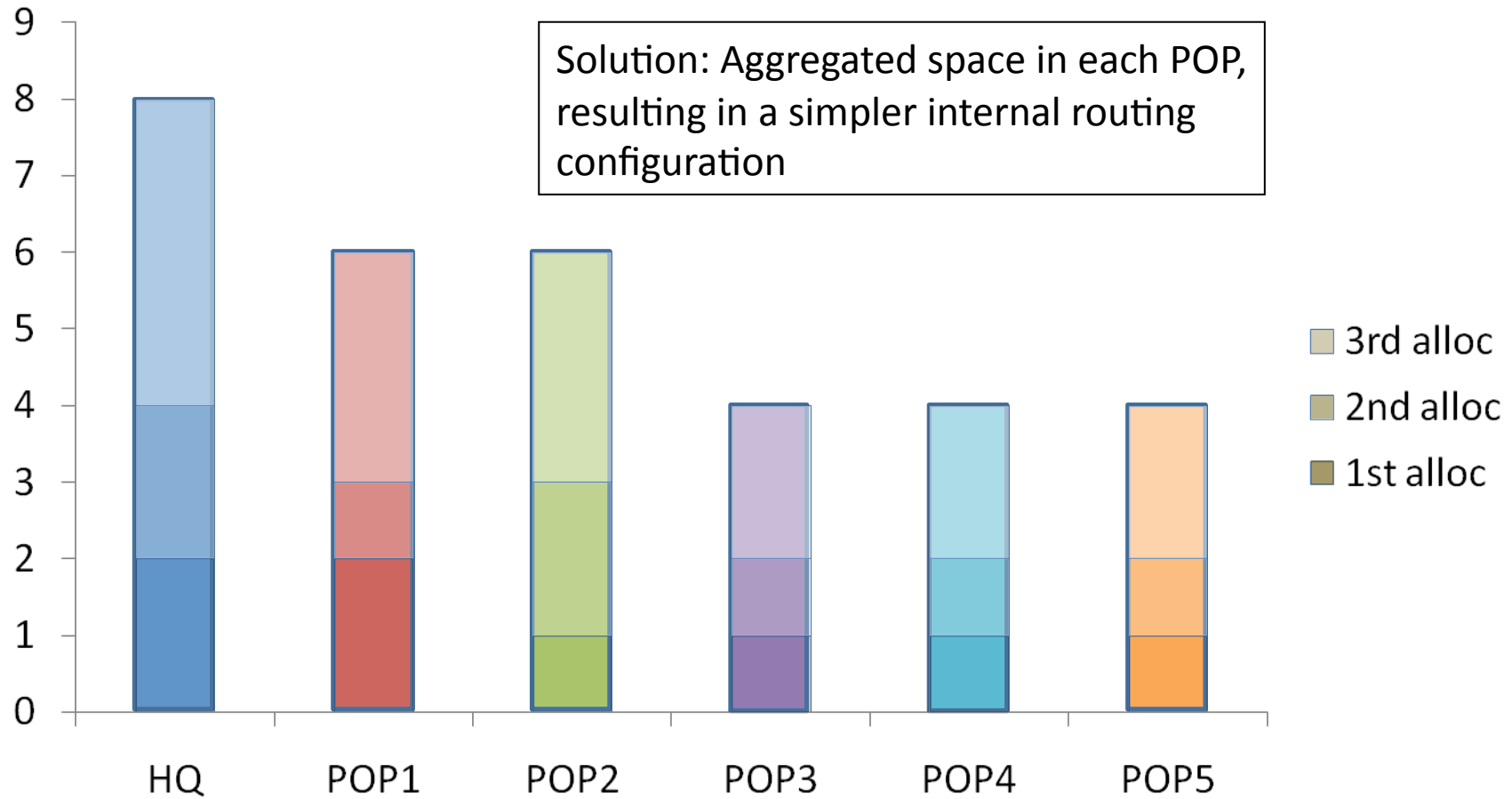


# **PROPOSED SOLUTION**

# Proposed Allocations



# Proposed Allocations



# Proposal Summary

- Allow reservation for large IPv6 networks
- Reservation size based on the network's long term planning, up to 10 years
- The reservation qualification gets reviewed every 2 year
- Allocations can be made in single/multiple prefixes from the reserved space



# FAQ

- How many prefixes will we see globally announced from these large networks?
  - It will roughly correspond to the number of major POPs they have
  - The number of prefixes will be reduced over time as the reserved space gets filled
- Why not just allocate the whole reserved space up-front?
  - Things might change during the 5-10 year planning window. The reserved space might grow/shrink so it is best to manage this space as part of the bigger pool available at APNIC during the deployment stages

# FAQ

- Can the network announce the whole reserved space?
  - No. Whois will not show the reserved space.
  - Certification will only be given to the allocated blocks.