

Topology-Aware Gossip

- Network topology is hierarchical
- Random gossip target selection => core routers face $O(N)$ load (Why?)
- **Fix:** In subnet i , which contains n_i nodes, pick gossip target in your subnet with probability $(1-1/n_i)$
- Router load = $O(1)$
- Dissemination time = $O(\log(N))$

