

Well-Scaling Architecture: **Sharding**

User 1
User 2
User 3
User 4
User 5
User 6
User 7
User 8
User 9
User 10
User 11
User 12
User 13
User 14
⋮
User 999999

Internet $O(n*k)$ ✓



++ local scalability: spare RAID slots, ...

+++ big scale out +++

Smaller Replication Network for Batch Migration $O(n)$

+++ traffic shaping possible

=> method *really* scales to petabytes

X 2 for geo-redundancy ✓