









## Mechanisms

- Intuition: route quickly to destination domain
  - Organize group of supernodes into secondary overlay
  - Sender (S) sends message to local supernode SN1
  - SN1 finds and routes message to supernode SN2 near receiver R
    SN1 uses Tapestry object location to find SN2
  - SN2 sends message to R via normal routing

 Classifying Traffic
Brocade not useful for intra-domain messages
P2P layer should exploit some locality (Tapestry)
Undesirable processing overhead
Classifying traffic by destination
Proximity caches: Bvery node keeps list of nodes it knows to be local Need not be optimal, worst case: 1 relay through SN
Cover set: Supernode keeps list of all nodes in its domain. Acts as authority on local vs. distant traffic











