

Distributed Hash Table (DHT)

- DHT: distributed P2P database
 - Distributed (why?)
 - Each node knows little information
 - Low computational/memory overhead
 - Reliable
- database has (key, value) pairs (i.e., a hash table);
 - E.g., key: ss number; value: human name
 - E.g., key: movie name; value: IP address
 - E.g., key: skype name; value: IP address
- peers query DB with key
 - DB returns values that match the key
- peers can also insert (key, value) peers