











Where to Keep the Hash Table Server-side → Napster Client-local → Gnutella What are the requirements? Deterministic lookup Low lookup time (shouldn't grow linearly with the system size) Should balance load even with node join/leave What we'll do: partition the hash table and distribute them among the nodes in the system We need to choose the right hash function We also need to somehow partition the table and distribute the partitions with minimal relocation of partitions in the presence of join/leave

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