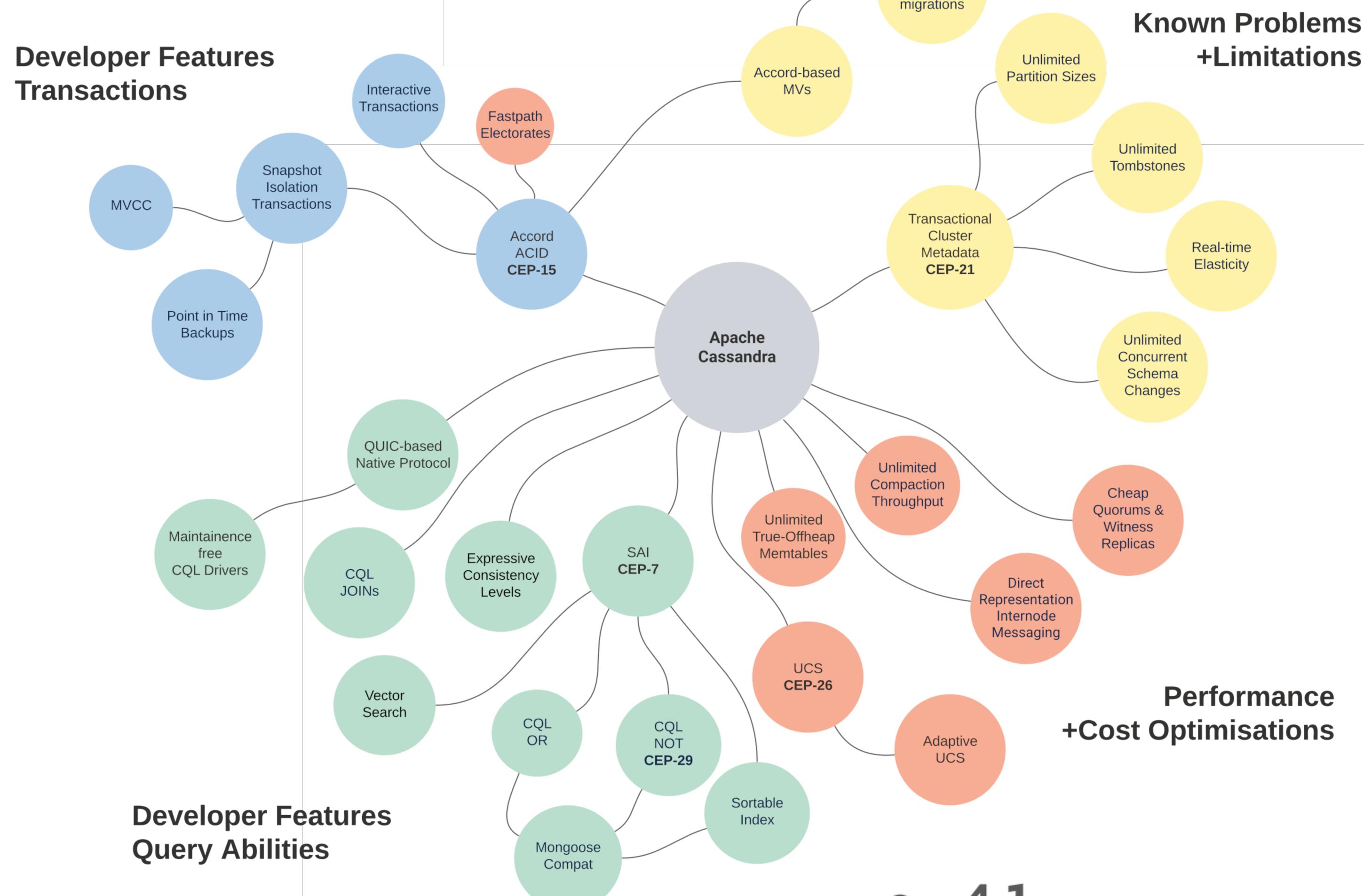




Example Brainstorming



- 4.0
 - 25% faster
 - Faster Big Clusters
 - Incremental Repairs
 - Virtual Tables
 - Transient Replicas
 - Auditing (+FQL)
 - DC Auth, SSL reload
 - JDK 11
- 4.1
 - Pluggability
 - Storage
 - Encryption
 - Authentication
 - Guardrails
 - Improved Config format
 - Partition Denylist
 - Hint window consistent
 - Paxos v2
 - CQL improvements
- 5.0
 - Storage Attached Indexes
 - DiskANN Vector Search (JVector)
 - Unified Compaction Strategy
 - Trie Memtables+SSTables
 - Dynamic Data Masking
 - Moar moar Guardrails!
 - TTL / writetime on collections/UDTs
 - New Mathematical CQL Functions
 - CIDR authorizer
 - Pluggable crypto providers
 - System logs VirtualTable
 - JDK 17
- 5.1 / 6.0
 - ACID Transactions
 - Accord Consensus
 - Transactional Cluster Metadata
 - JDK 21
 - 8x compaction throughput (write-heavy EBS)
 - JMX Metrics VirtualTable
 - ...

