

# Query Cache Pool



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graph TD; A[Query Cache Pool] --> B[Completely hit]; A --> C[Partially hit]; A --> D[Completely miss]; B --> B1[1. Update data in cache pool]; B --> B2[2. Complete IRP]; C --> C1[1. Calculate missing part]; C --> C2[2. If it's write-through, pass IRP to next lower device object]; C --> C3[3. Update cache pool]; C --> C4[4. Complete IRP]; D --> D1[1. If it's write-through, pass IRP to next lower device object]; D --> D2[2. Update cache pool]; D --> D3[3. Complete IRP];
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Completely hit

1. Update data in cache pool
2. Complete IRP

Partially hit

1. Calculate missing part
2. If it's write-through, pass IRP to next lower device object
3. Update cache pool
4. Complete IRP

Completely miss

1. If it's write-through, pass IRP to next lower device object
2. Update cache pool
3. Complete IRP