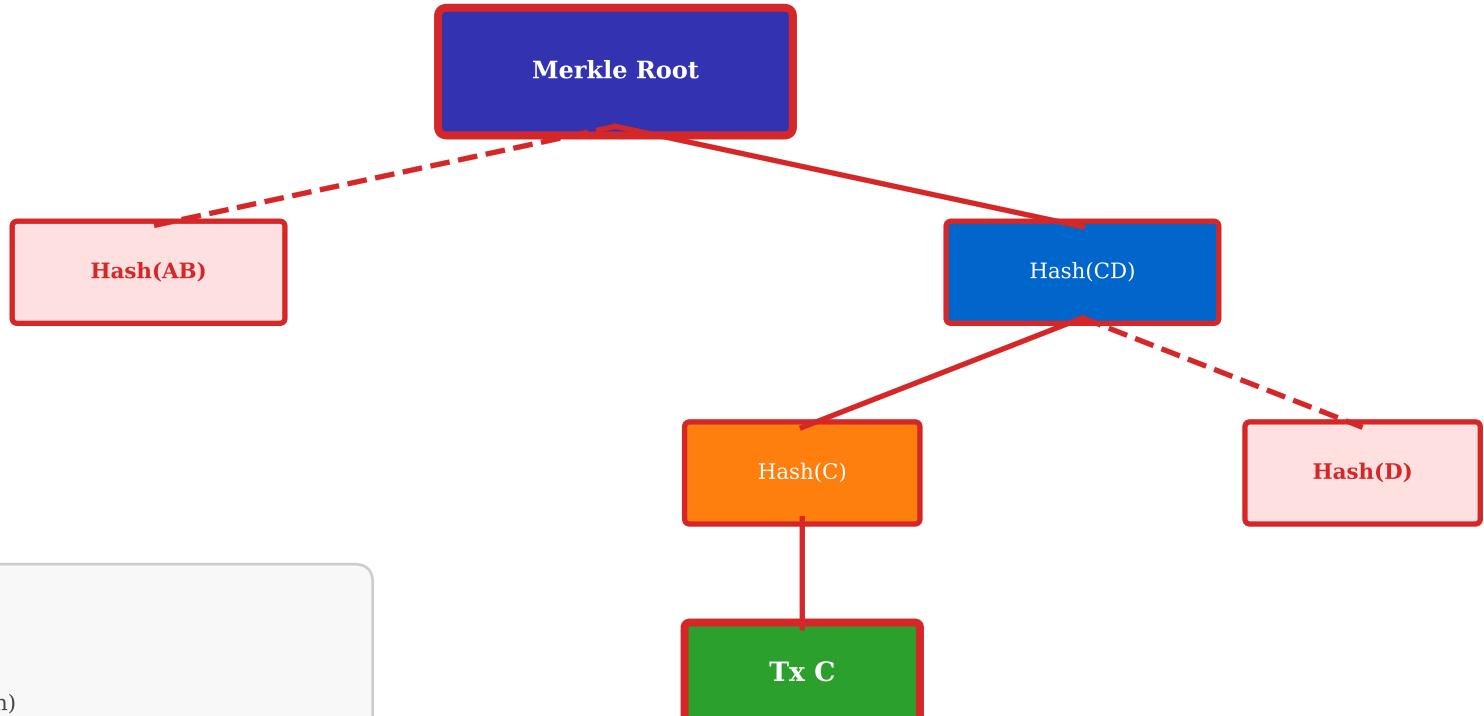


## Merkle Proof: Verify Transaction with Minimal Data



**To verify Tx C:**

1. Have: Tx C (the transaction)
2. Need: Hash(D), Hash(AB) [proof]
3. Compute path to Root

*Proof size:  $O(\log n)$  - verify 1 of 1000 txs with only 10 hashes!*