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- ✓ Assume an organization has 10 transactions per second.
- ✓ Each of those transactions receives its own digital signature.
- ✓ Using a tree structure, those signatures are combined and given a single digital fingerprint a unique representation of those transactions at a specific time.
- ✓ That fingerprint is sent up the tree to the next layer of infrastructure, such as a service provider or telecom company.
- ✓ This process happens for every organization in the network until there is a single digital fingerprint that encompasses all the transactions as they existed during that particular second.
- ✓ Once validated, that fingerprint is stored in a blockchain that all the participants can see.
- $\checkmark\,$ A copy of that ledger is also sent back to each organization to store locally
- ✓ Those signatures can be continuously verified against what is in the blockchain, giving companies a way to monitor the state and integrity of a particular asset or transaction.



































