Features of Quorum
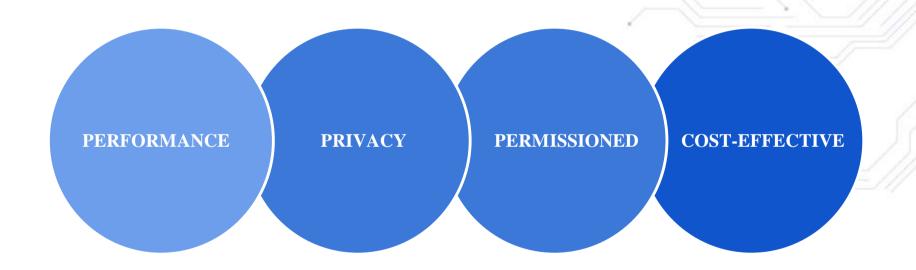
Features of Quorum

PERFORMANCE

PRIVACY

PERMISSIONED

COST-EFFECTIVE

Performance

- The number of transactions processed can be enhanced significantly. A hundred transactions per second can be managed easily.

- Transaction speed can be designed according to smart contracts and network arrangement.

- By using vote-based QuorumChain RAFT and Istanbul BFT consensus algorithms, performance can be improved.

Privacy

- Quorum provides both transaction level privacy and network wide transparency.

- Uses zero-knowledge security layer to ensure that private settlement is done smoothly.

- Quorum manages secure message transfers using constellation.

- For enhancing transaction level privacy, transactions are divided into private and public transactions depending on the nature of transaction data.

Permission and Authorization

- Network is not open to all; only authorized users can access the data.

- Peers have to take the permission from a designated authority such as a Network Manager, before entering into a network.

- The permission nature of Quorum is fundamentally associated with the consensus mechanism.

- Authorization can also be managed through a smart contract.

Cost-effective

- No concept of adding cost to a transaction using gas.

- No cryptocurrency costs associated with running transactions.

THANK YOU!

Any questions?
You can mail us at
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