

Short Report:

Technical Capabilities - -

- Ethereum is a public blockchain where anyone can join. It uses Proof of Stake for security and supports smart contracts in Solidity.
It's slower but great for DApps because of its open nature.
- Hyperledger Fabric is a private blockchain used by businesses. It has high speed and supports multiple languages for smart contracts.
It's permissioned, only approved members can join.
- Quorum is a consortium blockchain (like a private organisation). based on Ethereum but adds privacy features for financial transactions.

Which to choose - -

- Decentralized App:
Ethereum - Because it's public, supports tokens and has many developers.
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- Supply Chain Network: **Hyperledger Fabric** – It's private, fast, customizable for business needs.
- Inter-Bank Transactions: **Quorum** – It's secure, private, designed for financial institutions.