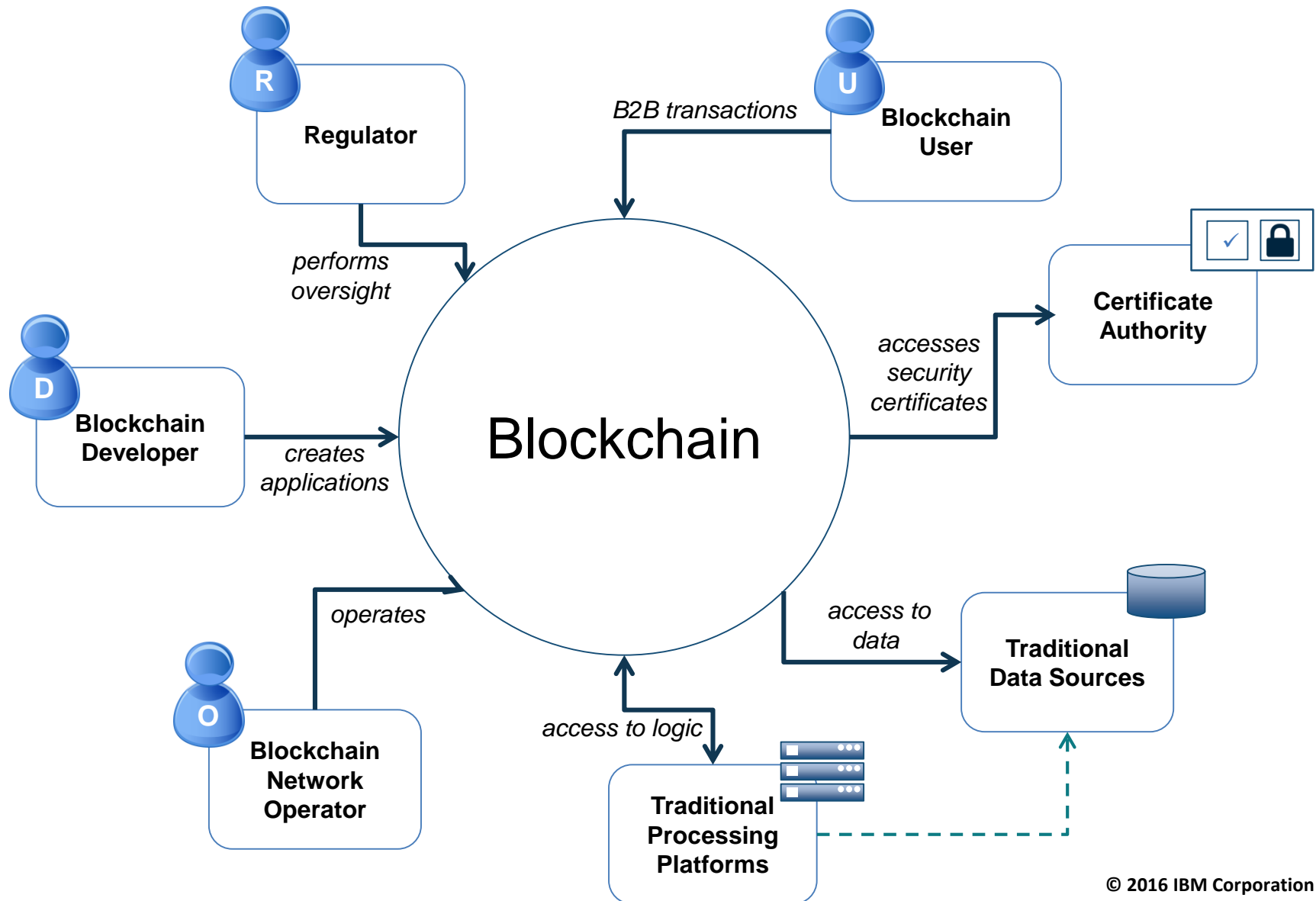


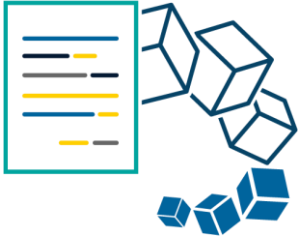
The participants in a blockchain network

- Systems context



The participants in a blockchain network



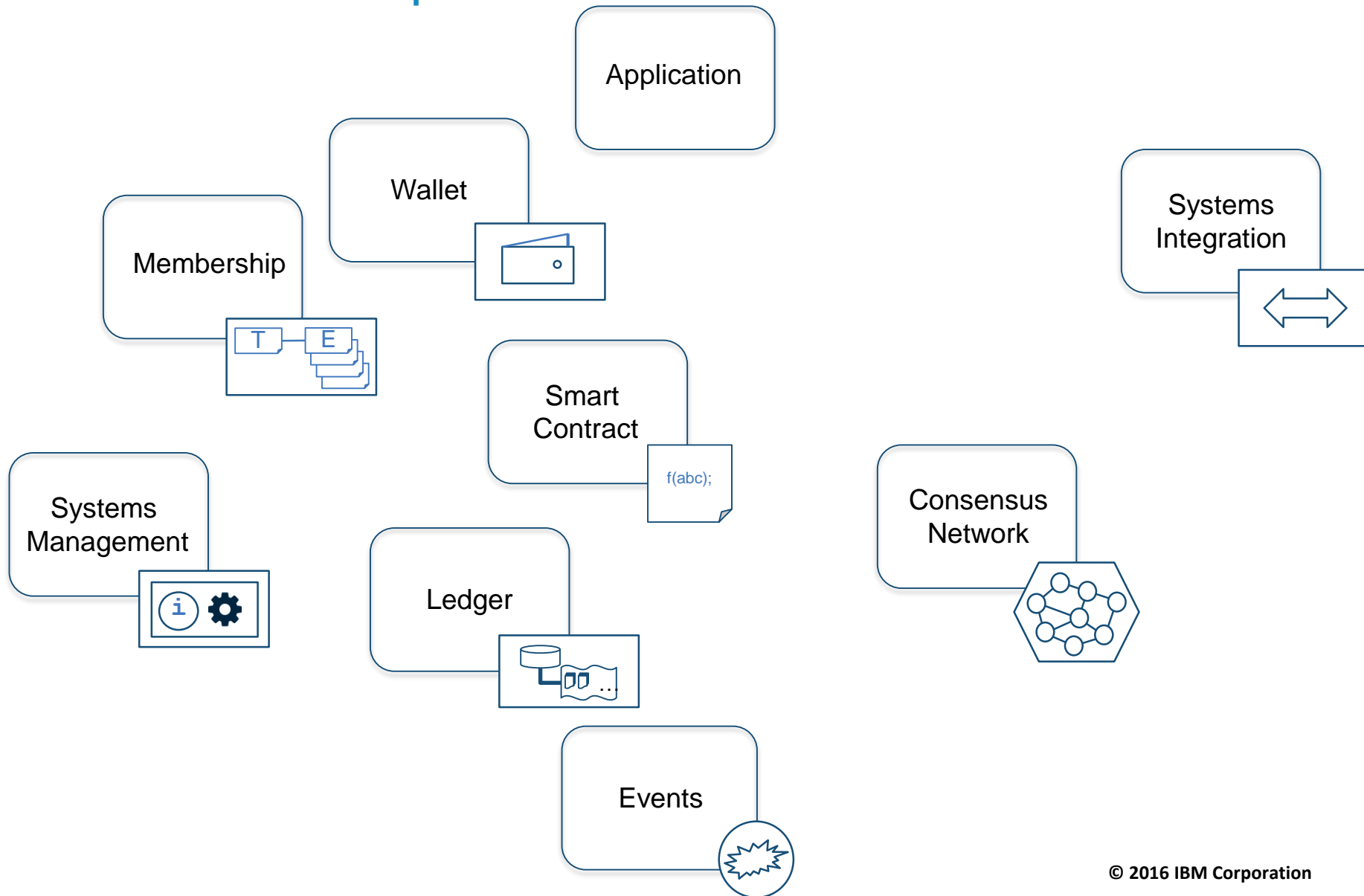


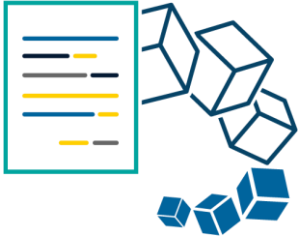
The components in a blockchain

- Component model



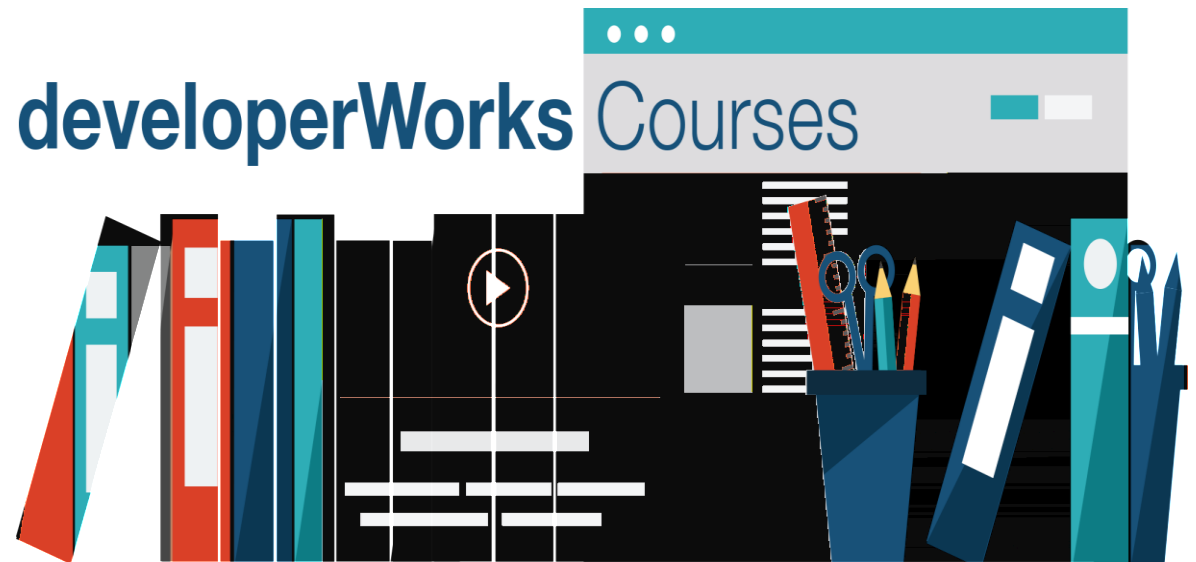
Blockchain components



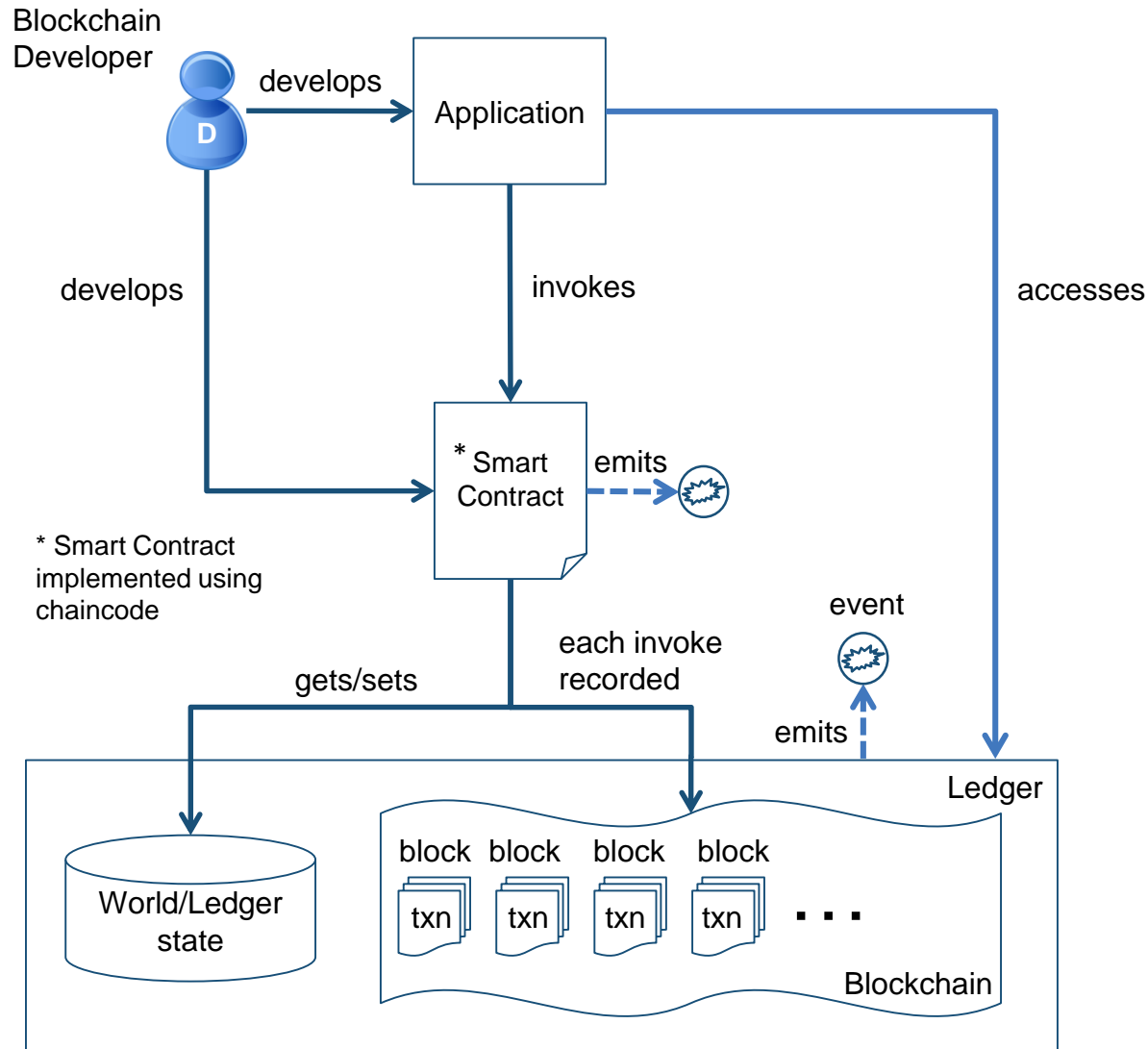


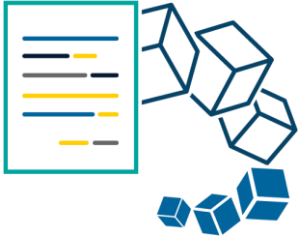
How applications use the ledger

- The key elements of a blockchain application



Blockchain applications and the ledger



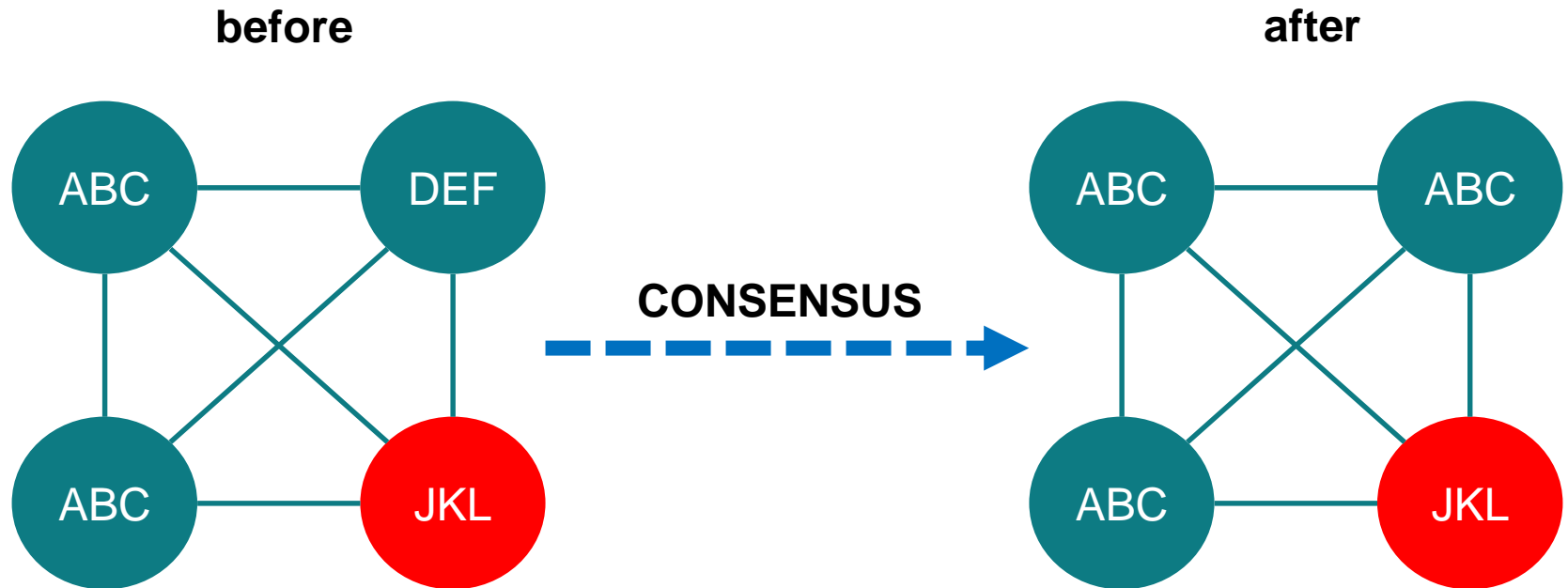


Operating blockchain networks

- Configuring for a replicated ledger



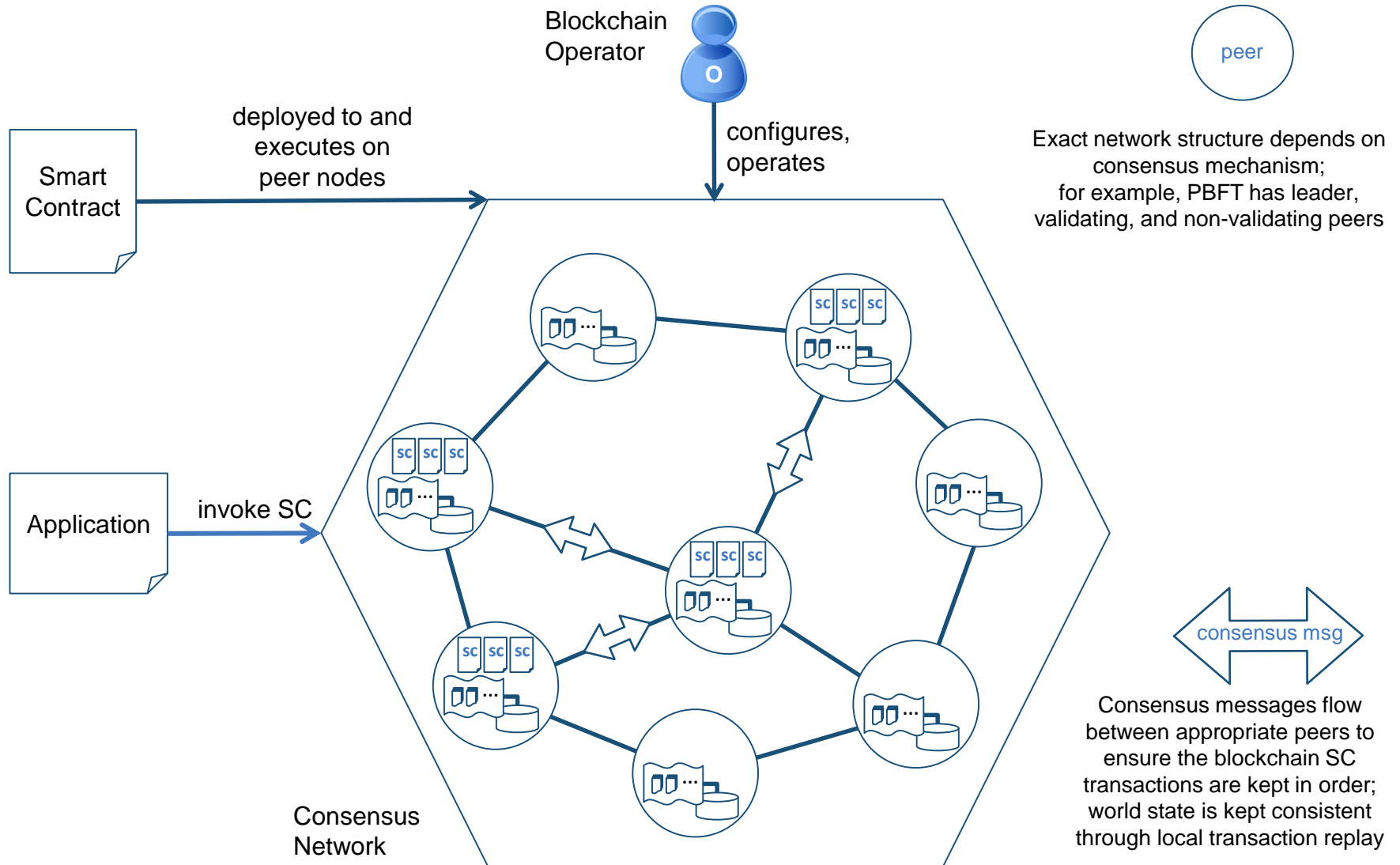
Maintaining a consistent ledger



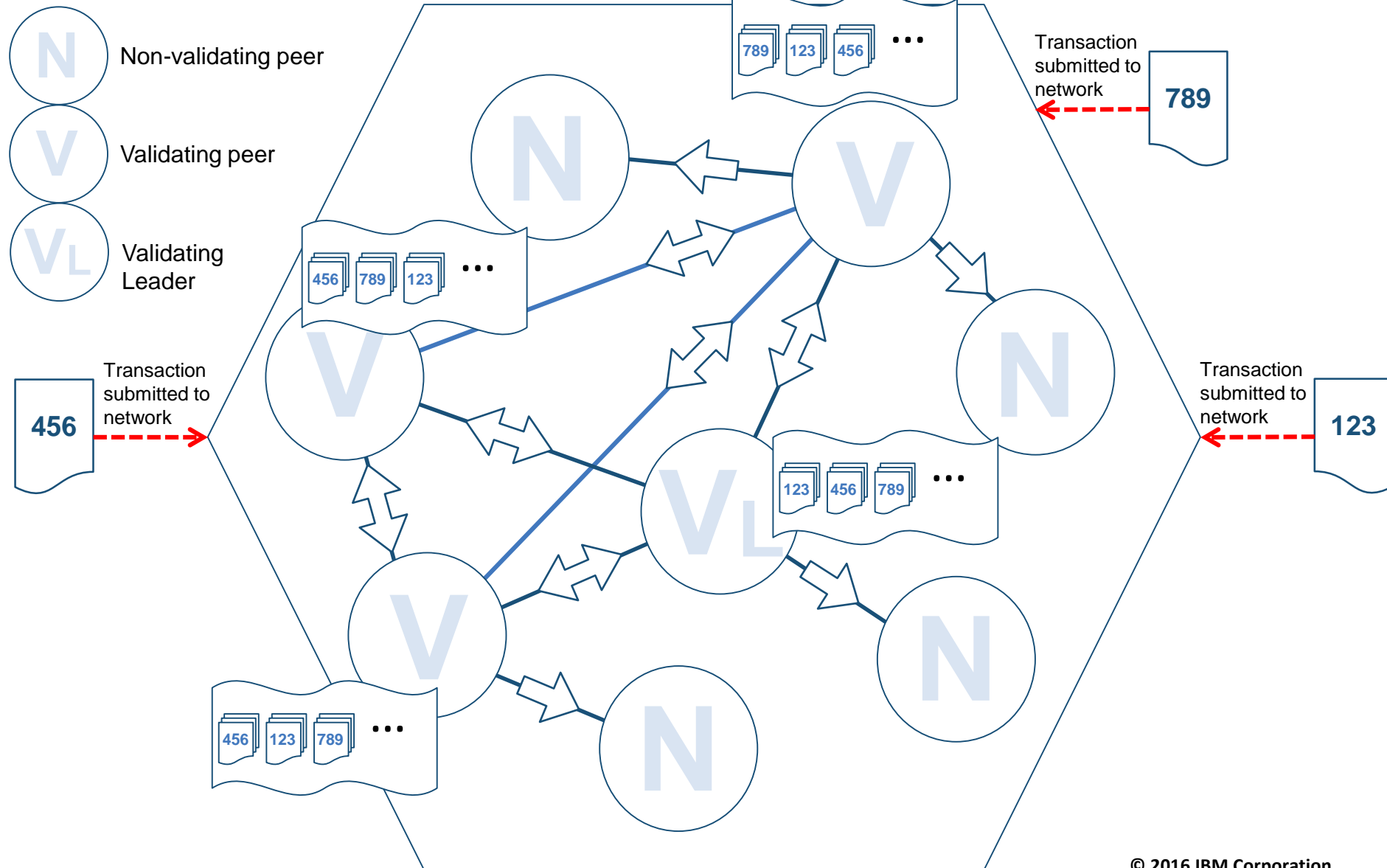
Keep all peers up-to-date
Fix any peers in error
Quarantine all malicious nodes



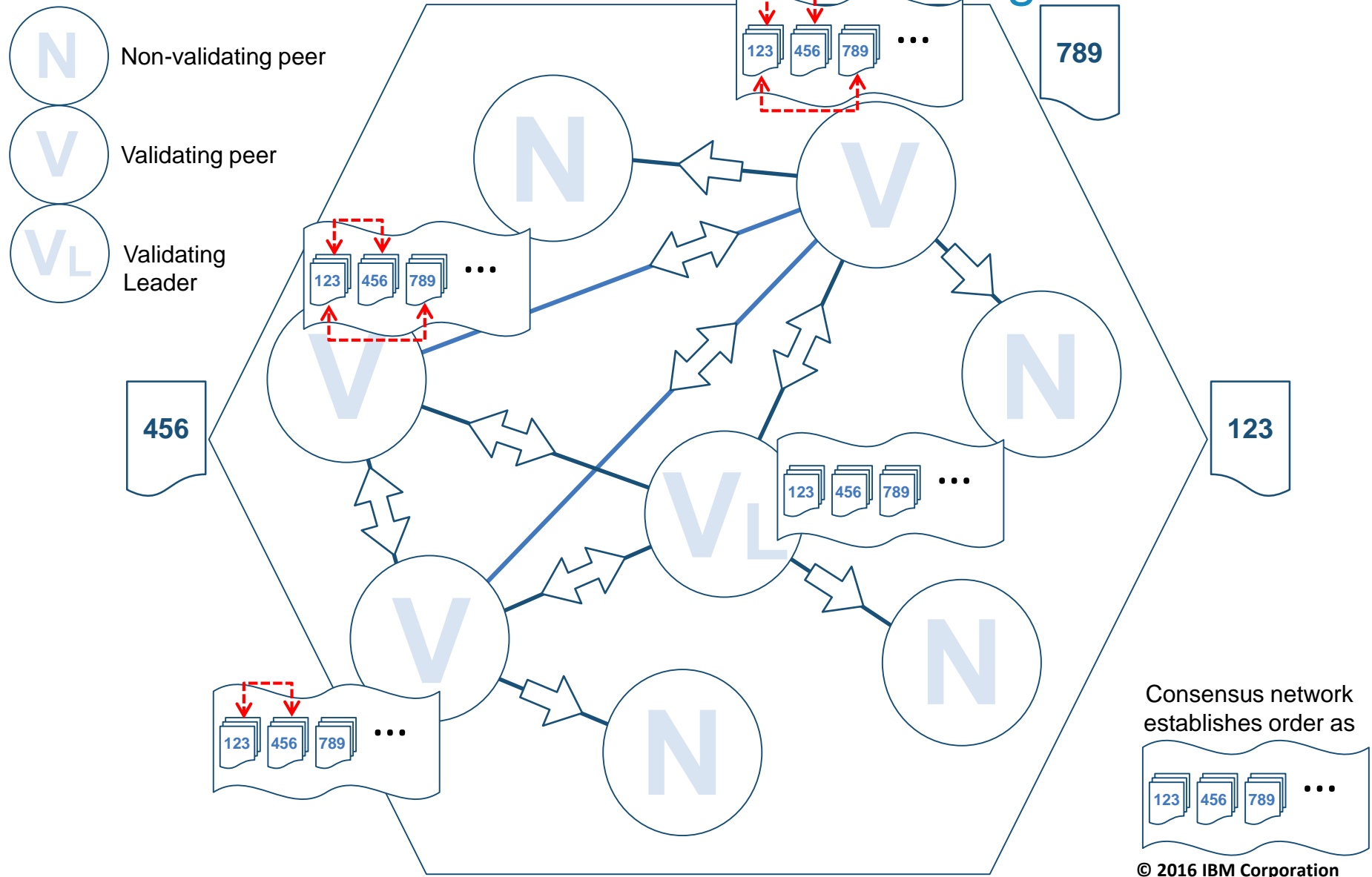
Consensus and the blockchain network



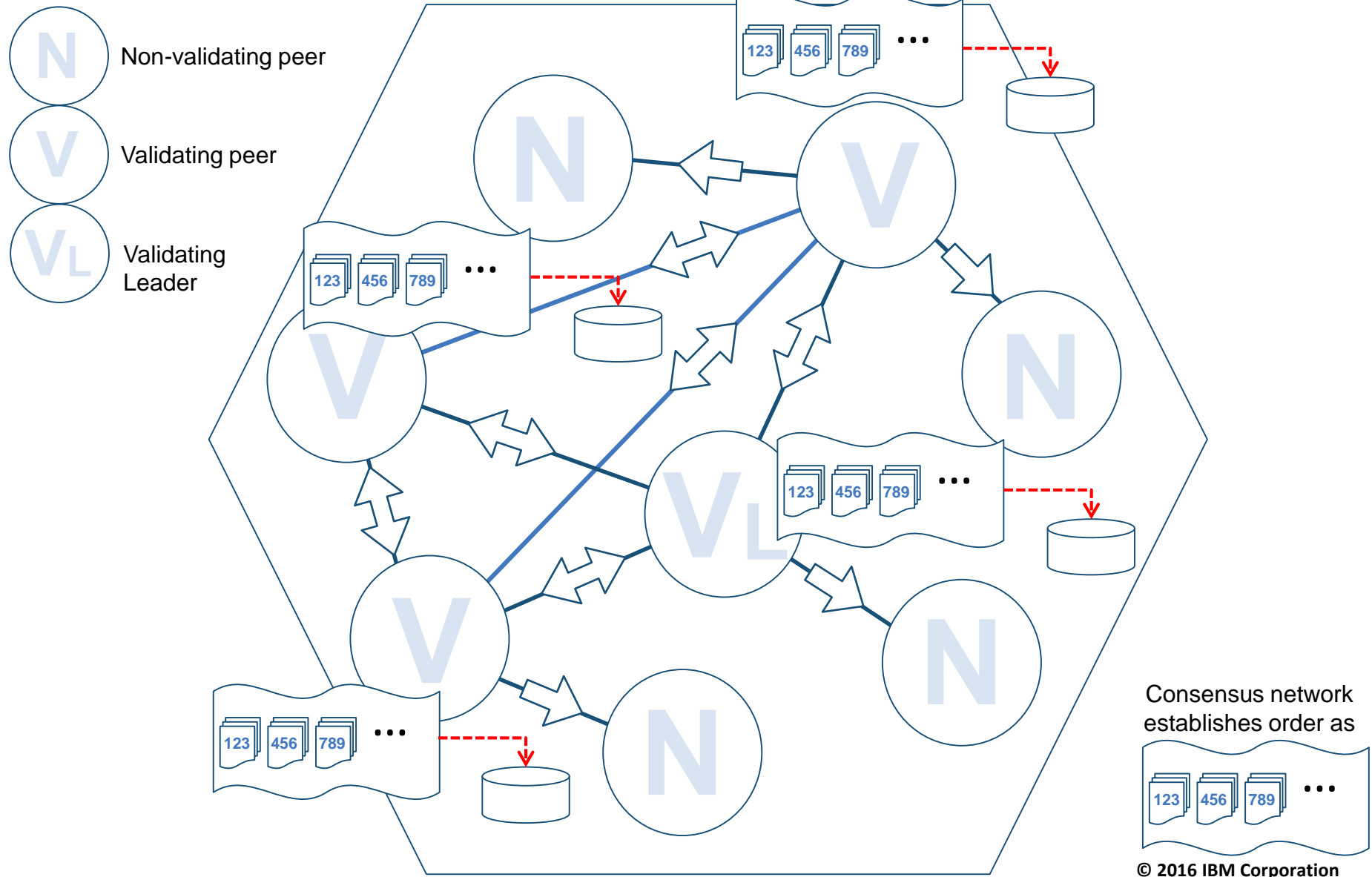
How a PBFT network works — Submission

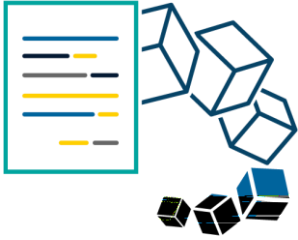


How a PBFT network works — Ordering



How a PBFT network works — Execution

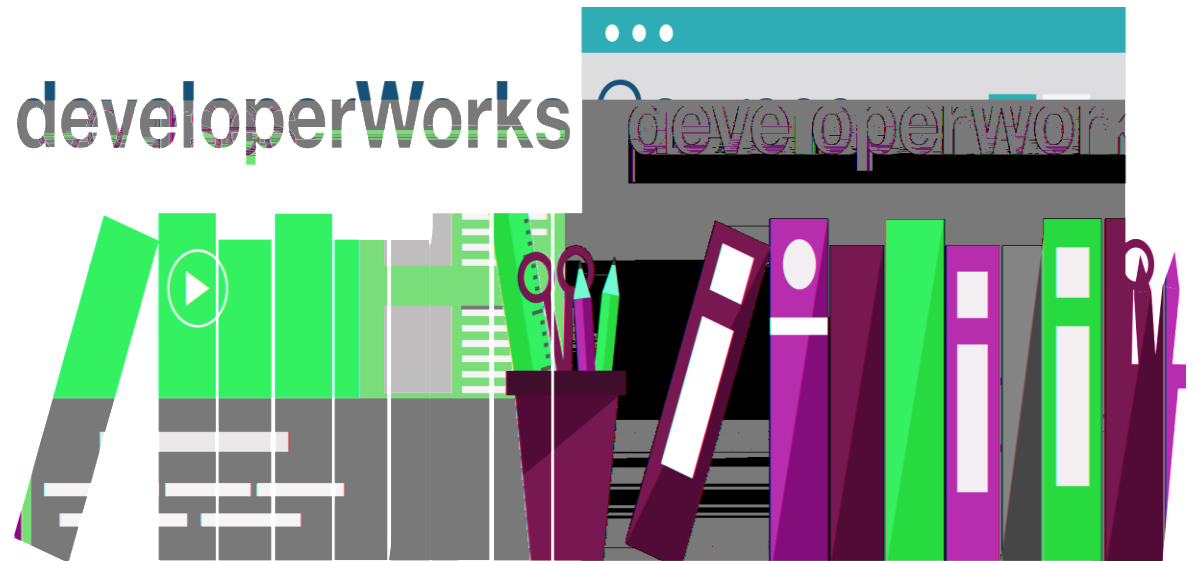




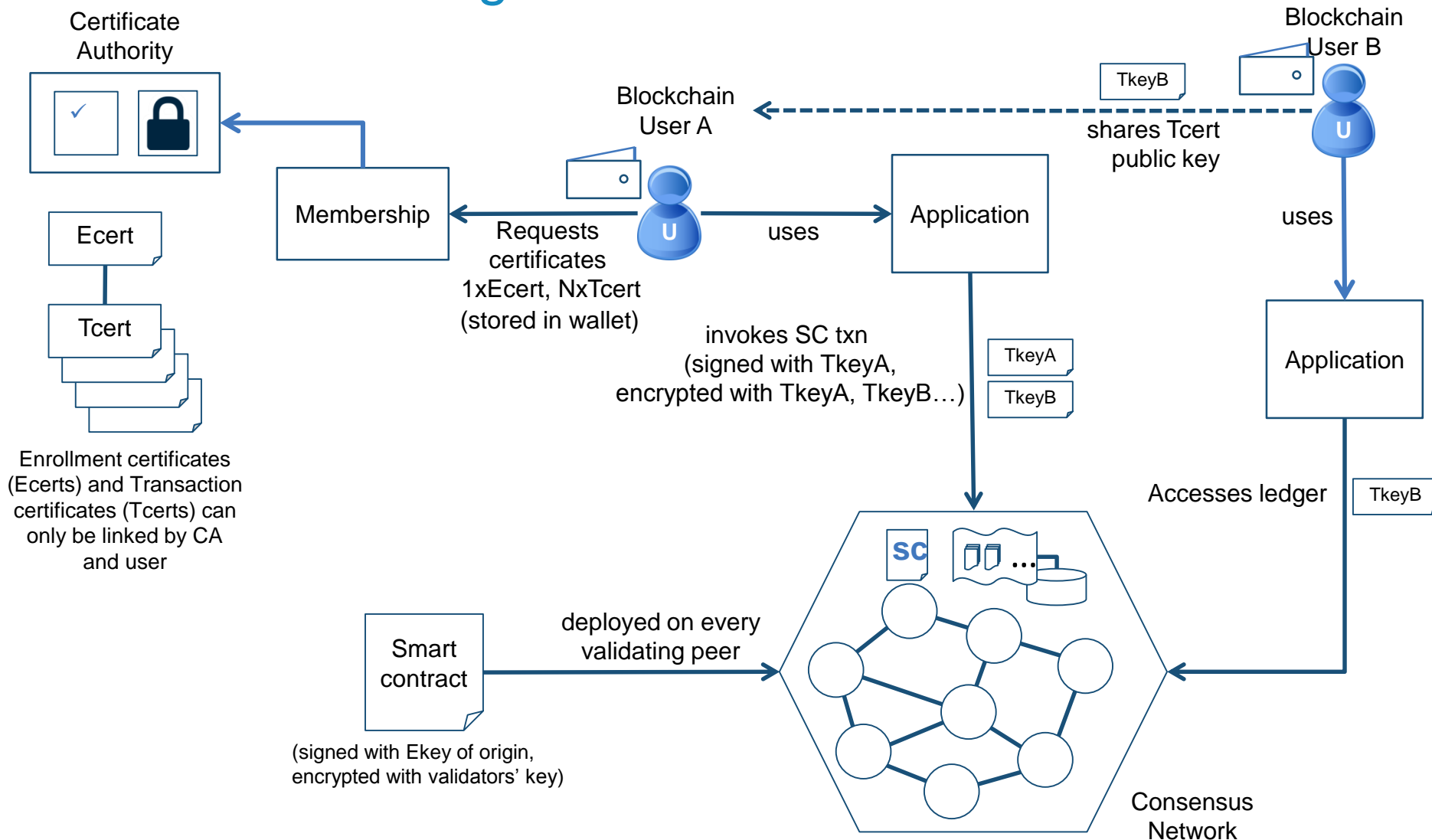
Permissioned ledger access

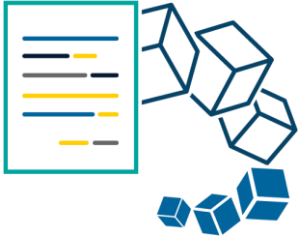
- Transaction and identity privacy

developerWorks



Permissioned ledger access





Integrating with existing systems



Integrating with existing systems

