Hyperledger Besu Network with Private Transactions enabled

Actor
Account
Private Key
Public Key

Account
Private Key
Public Key

Actor
<no accounts>

Actor
<no accounts>

Actor
Account
Private Key
Public Key

Actor
<no accounts>

EthSigner
Account
Private Key
Public Key

Account
Private Key
Public Key

EthSigner
Account
Private Key
Public Key

Besu Node
Besu Bootnodes
Consensus Protocol
Ethereum Virtual Machine (EVM)
Ledger
Block #1 | Block #2 | Block N
tx tx | Smart Contract | tx tx
State DB | Private State DB

Besu Node
Besu Bootnodes
<body omitted>

Besu Node
Besu Bootnodes
<body omitted>

Orion Node
Orion Bootnodes
Priv. Tx. DB

Orion Node
Orion Bootnodes
Priv. Tx. DB

Orion Node
Orion Bootnodes
Priv. Tx. DB