Actor EthSigner Account **Besu Node Orion Node** Private Key Orion Bootnodes Besu Bootnodes Account Public Key Private Key Consensus Protocol Public Key Priv. Tx. Ethereum Virtual Machine (EVM) Account DB Private Key Ledger Account Block #1 Block #2 Block N Public Key Private Key **Orion Node** Smart tx tx (tx) Public Key Orion Bootnodes Contract Actor <no accounts> Priv. Tx. Private Actor State DB State DB <no accounts> Actor **Besu Node Orion Node** Account **EthSigner** Besu Bootnodes Private Key **Orion Bootnodes** <body omitted> Account Public Key **Private Key Besu Node** Priv. Tx. Besu Bootnodes Public Key DB Actor <body omitted> <no accounts>

Hyperledger Besu Network with Private Transactions enabled