

# Hyperledger Besu for private networks

You can use Besu to develop enterprise applications requiring secure, high-performance transaction processing in a private network.

A private network is a network not connected to Ethereum Mainnet or an Ethereum testnet. Private networks typically use a different [chain ID](#) and proof of authority consensus ([QBFT](#), [IBFT 2.0](#), or [Clique](#)).

You can also [create a local development network](#) using proof of work (Ethash).

Besu supports enterprise features including [privacy](#) and [permissioning](#).

Get started with the [Developer Quickstart](#) to rapidly generate local blockchain networks.

## Architecture

The following diagram outlines the high-level architecture of Besu for private networks.

If you have any questions about Besu for private networks, ask on the [besu channel](#) on [Hyperledger Discord](#). [Edit this page](#)  
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