

Are there blocks in Corda?

Frequently Asked Questions

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A: Blocks are required in Bitcoin and other similar DLs to incentivise participants to validate transactions by pooling them together. Participants in proof of work blockchains must incur a cost to validate each other's transactions. At a minimum, validator's costs need to be offset.

Given that Bitcoin supports micro payments, it may be the case that if transactions were not pooled into blocks then transaction validation fees may exceed the value of a payment. Therefore transactions are pooled into blocks, aggregating transactions fees, lowering the cost of validation for each individual transaction.

In Corda, individual contract states reference prior contract states. We have no notion of proof-of-work. Instead notary services perform "uniqueness consensus" and will operate with their own SLAs in place, likely being compensated a fee for their services.

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