

2.3.3.3 Lightning Node

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A **lightning node** is a participant in a [lightning network](#)¹⁾ using [multi-signature \(multisig\)](#)²⁾ on a [payment channel](#)³⁾. Lightning nodes create a small community (2 to n) of [blockchain](#) nodes. The community can trade without having to use the expensive [ledger](#) transaction and has been proposed as a way to provide [scalability](#) to [Bitcoin](#).

¹⁾

“Blockchain Nodes: An In-Depth Guide”, <https://nodes.com/>

²⁾

“How to Use Multisig to Keep Your Coins Ultra-Safe”, Kai Sedgewick, 2 March 2019, <https://news.bitcoin.com/how-to-use-multisig-to-keep-your-coins-ultra-safe/>

³⁾

“Bitcoin’s Lightning Network Payment Channel Explained !!”, Sudhir Khatwani, 11 March 2019, <https://themoneymongers.com/payment-channels/>

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