

## Become a Node Operator

As a node operator, you'll manage and run authoring nodes that keep the Polymesh blockchain secure and operational at all times.



### The Polymesh Network

Efficient and effective operation is crucial for the blockchain. Polymesh uses the nominated proof-of-stake consensus mechanism to set roles, rules, and incentives for how information is written to the chain. Node operators and stakers work together guided by simple economic incentives to keep the chain secure and operational.



#### What is a node operator?

Node operators are the entities who author new blocks and vote on block finality. Node operators run the chain's software, certifying transactions as they're created by writing new blocks and broadcasting them to the network. They're an integral part of Polymesh's infrastructure and governance.



#### Who are Polymesh node operators?

Permissioned node operators are one of the aspects that make Polymesh unique. Transactions on Polymesh need to be written to the blockchain by known, trusted entities. On Polymesh, all node operators must be licensed financial entities. [See examples of trusted entities using Polymesh.](#)



## What do Node Operators do?

Node operators process blocks based on transactions that follow the blockchain's protocol rules. They do not, however, ensure the transaction complies with securities regulation. Instead, transaction data approvals are built into the compliance and functionality of the security token.

## Node Operators have 3 primary roles



**Gather transactions** into blocks to be proposed for writing to Polymesh.



**Secure the chain** by staking it with the Polymesh protocol token POLYX.



**Vote on blocks** proposed by other node operators to ensure they meet protocol rules.

## Why become a Node Operator?

1

### Guide the industry

Be involved in the development of Polymesh and the security token industry while gaining valuable insights.

2

### Collaborate with the market leader

Be part of the premier public permissioned blockchain for regulated assets.

3

### Benefit with low investment

Low infrastructure and operational costs let you benefit from working with blockchain without needing to lead in the creation of your own.

4

### Drive innovation

Innovate in the security token space with the opportunity to offer new and unique services to your clients.

Get in touch with us at [polymesh.network/contact-us](https://polymesh.network/contact-us)