

# METRACHAIN

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## METRACHAIN

Developing to Scale the Ethereum Network as Best.

MetraChain, will be the First 100% Ethereum Compatible asynchronous BFT Scaling Chain for Ethereum.

## "async L2 Scaling Platform"

We aim to achieve ~50,000 TPS capacity with the asynchronous Byzantine Fault Tolerance Consensus along with Capability of Scaling Ethereum. Metrachain will have the capability of achieving ~300,000 TPS (based on theoretical study), but reality may differ so we take the target of 50k TPS which is ~1500 times the current TPS of Polygon Network.

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## Achieving

- MetraChain will achieve this by implementing Custom Asynchronous Byzantine Fault Tolerance Metra Consensus, which will enable Network to asynchronously Confirm TXs and Produce blocks which will be synchronised orderly by the nodes afterwards.
- Implementation of Proof-of-Stake mechanism for the Validator Participation and Governance. The Validators will be selected randomly on the basis of their stakes in the Network and Will produce blocks accordingly.
- There will be no fixed block time, which will enhance the network from time-based attacks as the network itself doesn't know the exact time of block production and the Network doesn't allows Blocks to be produced in future.