## CLAIMS

1. A computer-implemented method, comprising:

receiving, from a first blockchain of a plurality of blockchains, a request to subscribe to a multiple blockchain acceleration network accessible to the plurality of blockchains;

providing, in a blockchain transaction acceleration system and to the first blockchain, access to the multiple blockchain acceleration network;

receiving, at a first acceleration node of the multiple blockchain acceleration network and from a first node in the first blockchain, a transaction to be forwarded, wherein a transaction delivery time using the first acceleration node is expected to be faster than a transaction delivery time that is expected by sending the transaction directly to an intended recipient of the transaction; and

forwarding, by the first acceleration node, the transaction to a second node.

2. The computer-implemented method of claim 1, wherein the multiple blockchain acceleration network comprises a plurality of acceleration nodes, each acceleration node accessible to at least one node in at least one blockchain of the plurality of blockchains, and wherein the second node is a node in a second blockchain of the plurality of blockchains.

3. The computer-implemented method of claim 1, wherein the second node is a second acceleration node in the multiple blockchain acceleration network.

4. The computer-implemented method of claim 1, wherein the second node is in a second blockchain, and wherein the first node and the second node are in different networks.

5. The computer-implemented method of claim 1, further comprising:

collecting statistics on delivered transactions to determine acceleration nodes in the multiple blockchain acceleration network that provide faster transaction delivery times; and

selecting, for use by the blockchain transaction acceleration system, an acceleration node having a faster transaction delivery time.

6. The computer-implemented method of claim 1, wherein the blockchain transaction acceleration system is implemented in the plurality of blockchains and the multiple blockchain acceleration network.

7. The computer-implemented method of claim 2, further comprising:

receiving, from a third blockchain, an additional request to subscribe to the multiple blockchain acceleration network; and

providing, to the third blockchain, access to the multiple blockchain acceleration network.

8. A non-transitory, computer-readable medium storing one or more instructions executable by a computer system to perform operations comprising:

receiving, from a first blockchain of a plurality of blockchains, a request to subscribe to a multiple blockchain acceleration network accessible to the plurality of blockchains;

providing, in a blockchain transaction acceleration system and to the first blockchain, access to the multiple blockchain acceleration network;

receiving, at a first acceleration node of the multiple blockchain acceleration network and from a first node in the first blockchain, a transaction to be forwarded, wherein a transaction delivery time using the first acceleration node is expected to be faster than a transaction delivery time that is expected by sending the transaction directly to an intended recipient of the transaction; and

forwarding, by the first acceleration node, the transaction to a second node.

9. The non-transitory, computer-readable medium of claim 8, wherein the multiple blockchain acceleration network comprises a plurality of acceleration nodes, each acceleration node accessible to at least one node in at least one blockchain of the plurality of blockchains, and wherein the second node is a node in a second blockchain of the plurality of blockchains.

10. The non-transitory, computer-readable medium of claim 8, wherein the second node is a second acceleration node in the multiple blockchain acceleration network.

11. The non-transitory, computer-readable medium of claim 8, wherein the second node is in a second blockchain, and wherein the first node and the second node are in different networks.

12. The non-transitory, computer-readable medium of claim 8, further comprising:

collecting statistics on delivered transactions to determine acceleration nodes in the multiple blockchain acceleration network that provide faster transaction delivery times; and

selecting, for use by the blockchain transaction acceleration system, an acceleration node having a faster transaction delivery time.

13. The non-transitory, computer-readable medium of claim 8, wherein the blockchain transaction acceleration system is implemented in the plurality of blockchains and the multiple blockchain acceleration network.

14. The non-transitory, computer-readable medium of claim 9, further comprising:

receiving, from a third blockchain, an additional request to subscribe to the multiple blockchain acceleration network; and

providing, to the third blockchain, access to the multiple blockchain acceleration network.

15. A computer-implemented system, comprising:

one or more computers; and

one or more computer memory devices interoperably coupled with the one or more computers and having tangible, non-transitory, machine-readable media storing one or more instructions that, when executed by the one or more computers, perform one or more operations comprising:

receiving, from a first blockchain of a plurality of blockchains, a request to subscribe to a multiple blockchain acceleration network accessible to the plurality of blockchains;

providing, in a blockchain transaction acceleration system and to the first blockchain, access to the multiple blockchain acceleration network;

receiving, at a first acceleration node of the multiple blockchain acceleration network and from a first node in the first blockchain, a transaction to be forwarded, wherein a

transaction delivery time using the first acceleration node is expected to be faster than a transaction delivery time that is expected by sending the transaction directly to an intended recipient of the transaction; and

forwarding, by the first acceleration node, the transaction to a second node.

16. The computer-implemented system of claim 15, wherein the multiple blockchain acceleration network comprises a plurality of acceleration nodes, each acceleration node accessible to at least one node in at least one blockchain of the plurality of blockchains, and wherein the second node is a node in a second blockchain of the plurality of blockchains.

17. The computer-implemented system of claim 15, wherein the second node is a second acceleration node in the multiple blockchain acceleration network.

18. The computer-implemented system of claim 15, wherein the second node is in a second blockchain, and wherein the first node and the second node are in different networks.

19. The computer-implemented system of claim 15, further comprising:

collecting statistics on delivered transactions to determine acceleration nodes in the multiple blockchain acceleration network that provide faster transaction delivery times; and

selecting, for use by the blockchain transaction acceleration system, an acceleration node having a faster transaction delivery time.

20. The computer-implemented system of claim 15, wherein the blockchain transaction acceleration system is implemented in the plurality of blockchains and the multiple blockchain acceleration network.