

CLAIMS

1. A method for interacting with a plurality of distributed ledgers, comprising:
 - in a first adapter for an access point for a client:
 - receiving a client request comprising a payload to be written to one of a plurality of distributed ledgers;
 - extracting metadata from the client request;
 - determining a target distributed ledger of the plurality of distributed ledgers based on the metadata;
 - generating routing information identifying the target distributed ledger for the client request;
 - encrypting the payload; and
 - communicating the metadata, the routing information, and the encrypted payload to a gateway, wherein the gateway logs a source of the client request and the target distributed ledger based on the metadata and routes the encrypted payload to the target distributed ledger via a second adapter that is in communication with the target distributed ledger.
2. The method of claim 1, wherein the access point comprises a server-based access point.
3. The method of claim 1, wherein the target distributed ledger comprises a plurality of target distributed ledgers, and the at least a portion of the encrypted payload is written to the plurality of target distributed ledgers.
4. The method of claim 1, wherein the encrypted payload that is written to the target distributed ledger is accessible by only designated distributed ledgers or access points.

5. The method of claim 1, wherein the second adapter decrypts the encrypted payload.

6. A system for providing a gateway as a service, comprising:

- a gateway;

- a plurality of first adapters, each first adapter in communication with an access point for a client; and

- a plurality of second adapters, each second adapter in communication with one of a plurality of distributed ledgers;

wherein:

- one of the first adapters receives a client request from the access point with which it communicates, the client request comprising a payload to be written to one of the plurality of distributed ledgers;

- the first adapter extracts metadata from the client request;

- the first adapter determines a target distributed ledger of the plurality of distributed ledgers based on the metadata;

- the first adapter generates routing information identifying the target distributed ledger for the client request;

- the first adapter encrypts the payload;

- the first adapter communicates the metadata, the routing information, and the encrypted payload to the gateway;

- the gateway logs a source of the client request and the target distributed ledger based on the routing information; and

- the gateway routes the encrypted payload to the target distributed ledger via the second adapter that is in communication with the target distributed ledger.

7. The system of claim 6, wherein the gateway is provided as a service.

8. The system of claim 6, wherein the first access point comprises a server-based access point.

9. The system of claim 6, wherein the target distributed ledger comprises a plurality of target distributed ledgers, and the at least a portion of the encrypted payload is written to the plurality of target distributed ledgers.

10. The system of claim 6, wherein the encrypted payload that is written to the target distributed ledger is accessible by only designated distributed ledgers or access points.

11. The system of claim 6, wherein the gateway comprises an API gateway that prioritizes a plurality of client requests.

12. The system of claim 6, wherein the second adapter decrypts the encrypted payload.