

ABSTRACT OF THE DISCLOSURE

SYSTEMS AND METHODS FOR GATEWAY COMMUNICATIONS FOR DISTRIBUTED LEDGER SYSTEMS

Systems and methods for gateway communications between non-distributed ledger systems and distributed ledger systems are disclosed. In one embodiment, a method for gateway communication may include: (1) receiving, at a listener comprising a computer processor and from an application in a first domain, a message for a destination distributed ledger system that is one of a plurality of distributed ledger systems in a second domain; (2) generating, by the listener, a payload for the message, wherein the payload identifies the destination distributed ledger system for the message; and (3) encrypting, by the listener, the payload and passing a payload message comprising the encrypted payload to one of a plurality of adapters in a gateway communication service using an API. The adapter may receive the payload message, decrypt the payload, identifies the destination distributed ledger system, and communicate the decrypted payload to the destination distributed ledger system.

FIGURE 1