SUMMARY

The present disclosure provides a description of systems and methods for validating receipt of hashed data.

A method for validating receipt of hashed data includes: storing, in a memory of a processing server, an acceptance frame agreed upon by the processing server and a computing device, and at least one hashing algorithm; receiving, by a receiving device of a processing server, a data value; hashing, by a hashing module of the processing server, the received data value using the at least one hashing algorithm to obtain a first hashed package; hashing, by the hashing module of the processing server, the received data value and the acceptance frame using the at least one hashing algorithm to obtain a second hashed package; electronically transmitting, by a transmitting device of the processing server, the first hashed package to the computing device, the received data value being accessible by the computing device using the first hashed package as a key in a key-value store; receiving, by the receiving device of the processing server, a received hashed package from the computing device; and validating, by a validation module of the processing server, the received hashed package as being created using the received data value and acceptance frame via comparison of the received hashed package to the second hashed package.

A system for validating receipt of hashed data includes: a computing device; a validation module of a processing server; a memory of the processing server configured to store an acceptance frame agreed upon by the processing server and the computing device and at least one hashing algorithm; a receiving device of a processing server configured to receive a data value; a hashing module of the processing server configured to hash the received data value using the at least one hashing algorithm to obtain a first hashed package, and hash the received data value and the acceptance frame using the at least one hashing algorithm to obtain a second hashed package; and a transmitting device of the processing server configured to electronically transmit the first hashed package to the computing device, the received data value being accessible by the computing device using the first hashed package as a key in a key-value store. The receiving device of the processing server is further configured to receive a received hashed package from the computing device. The validation module of the processing server is configured to validate the received hashed package as being created using the received data value and acceptance frame via comparison of the received hashed package to the second hashed package.