

ABSTRACT

A data communication method and apparatus, a computer device (1000), and a storage medium. The method comprises: receiving a statistical proof transaction list in an association block, and identifying a target index of a lightweight node in the statistical proof transaction list, the
5 statistical proof transaction list comprising multiple statistical proof transactions, statistical proof transactions being obtained by encrypting a transaction visible address corresponding to a transaction comprised in the association block, and the number of transaction visible addresses in the association block; receiving an association transaction associated with the lightweight node in the association block and an encryption path set, the encryption path set comprising an encryption
10 path of the association transaction and the encryption path of the statistical proof transaction list; and determining the degree of validity of the association transaction according to the statistical proof transaction list, the target index, and the encryption path set (S450). By means of the method, the validity of an association transaction acquired by a lightweight node can be verified.