

DEDICATED BLOCKCHAIN NODE DEVICES AND AUTOMATIC NODE ADDING METHODS AND APPARATUSES

ABSTRACT

One or more embodiments of the present disclosure provide a dedicated blockchain node device and an automatic node adding method and apparatus thereof. The method includes: receiving, by the dedicated blockchain node device, a configuration instruction after accessing a blockchain network, and configuring a first network address corresponding to a certificate authority center and a second network address corresponding to a first blockchain node in the blockchain network respectively according to the configuration instruction; initiating, by the dedicated blockchain node device, an authentication request to the certificate authority center according to the first network address, and receiving a digital certificate returned by the certificate authority center after the certificate authority center determines the authentication request passes verification; sending, by the dedicated blockchain node device, the digital certificate to the first blockchain node according to the second network address, wherein the digital certificate is used to trigger the first blockchain node to add the dedicated blockchain node device as a newly-added blockchain node in the blockchain network.

FIG. 1