CLAIMS

What is claimed is:

1. A computer-implemented method performed at a service node, comprising:

receiving document creation request sent by a first user device, the document creation request for creating a digital document of title of a target asset, wherein receiving the document creation request comprises:

receiving first configuration information of the digital document of title to be created;

identifying a category of the target asset;

selecting a corresponding first document template that is associated with the category of the target asset, wherein the digital document of title and the target asset are in the same category, and the first configuration information is configuration information generated by the first user device by performing a configuration operation on each component in the corresponding first document template based on related information of the target asset, wherein the corresponding first document template is a template that matches the related information of the target asset in a plurality of document templates corresponding to a first blockchain;

generating the digital document of title based on the first configuration information and a predetermined document generation rule;

storing the digital document of title in the first blockchain;

connecting the target asset with the digital document of title in the first blockchain;

circulating the target asset by using the first blockchain based on the digital document of title;

receiving, from the first user device, a document query request for the digital document of title, wherein the document query request comprises document identification information of a to-be-queried digital document of title;

matching the document identification of the to-be-queried digital document of title with document identification information of the digital document of title stored in the first blockchain; and

in response to that the document identification of the to-be-queried digital document of title matches with the document identification information of the digital document of title stored in the first blockchain, sending, to the first user device, re-

direction information and the digital document of title, wherein the re-direction information, when selected at the first user device, redirects the first user device to a corresponding display interface that displays the first configuration information.

2. The method according to claim 1, wherein generating the digital document of title based on the first configuration information and the predetermined document generation rule comprises:

invoking a first smart contract deployed in the first blockchain; and

generating the digital document of title based on the first smart contract, the predetermined document generation rule, and the first configuration information.

3. The method according to claim 2, wherein the document creation request further comprises template identification information of the corresponding first document template; and

the generating the digital document of title based on the first smart contract, the predetermined document generation rule, and the first configuration information comprises:

when determined, based on the first smart contract, that the first configuration information satisfies a configured first configuration rule of the component:

obtaining an associated target component set from a predetermined association relationship between the template identification information and a component set based on the template identification information, wherein a component in the component set has to be configured when a corresponding digital document of title is generated;

determining whether the first configuration information comprises target configuration information of each component in the associated target component set; and

when the first configuration information is determined to comprise the target configuration information of each component in the associated target component set, determining the document identification information of the digital document of title and generating the digital document of title based on the document identification information of the digital document of title and the target configuration information.

4. The method according to claim 1, wherein generating the digital document of title based on the first configuration information and the predetermined document generation rule comprises:

when it is determined that the first configuration information comprises access information of external source data:

accessing the external source data based on the access information; and

generating the digital document of title based on the external source data and the first configuration information.

5. The method according to claim 1, wherein the storing the digital document of title in the first blockchain comprises:

associatively storing the digital document of title with the first configuration information in the first blockchain.

6. The method according to claim 5, wherein the method further comprises:

after the associatively storing the digital document of title with the first configuration information in the first blockchain:

querying the associated digital document of title and the first configuration information from the first blockchain based on the document identification information;

generating the re-direction information of the corresponding display interface of the first configuration information; and

sending the queried digital document of title and the re-direction information to the first user device to query the first configuration information based on the re-direction information.

7. The method according to claim 1, further comprising:

receiving a template acquisition request sent by the first user device, wherein the template acquisition request comprises template identification information of the corresponding first document template to be obtained;

obtaining the corresponding first document template from the first blockchain based on the template identification information; and

sending the obtained first document template to the first user device to enable the first user device to perform the configuration operation on each component in the corresponding first document template.

8. The method according to claim 1, further comprising:

receiving a template creation request sent by the first user device, wherein the template creation request comprises second configuration information of each target component comprised in a document template to be created and user identification information of the first user device, and the target component is a component selected by the first user device from a predetermined optional component;

generating a document template based on the second configuration information in response to determining that the second configuration information satisfies a second configuration rule of the target component;

determining template identification information of the generated document template, and associatively storing the determined template identification information, the generated document template, and the user identification information in the first blockchain; and

sending template creation success information to the first user device.

9. The method according to claim 8, wherein generating the document template based on the second configuration information comprises:

invoking a second smart contract deployed in the first blockchain; and

generating the document template based on the second configuration information if it is determined, based on the second smart contract, that the second configuration information satisfies the second configuration rule of the target component.

10. The method according to claim 9, further comprising:

receiving a template management request sent by the first user device, wherein the template management request is used to request to perform at least one of a query, delete, or update operation on the document template created by the first user device; and

performing corresponding processing based on the template management request, and sending processing result information to the first user device.

11. A non-transitory, computer-readable medium storing one or more instructions executable by a computer system to realize a service node and perform operations comprising:

receiving document creation request sent by a first user device, the document creation request for creating a digital document of title of a target asset, wherein receiving the document creation request comprises:

receiving first configuration information of the digital document of title to be created;

identifying a category of the target asset;

selecting a corresponding first document template that is associated with the category of the target asset, wherein the digital document of title and the target asset are in the same category, and the first configuration information is configuration information generated by the first user device by performing a configuration operation on each component in the corresponding first document template based on related information of the target asset, wherein the corresponding first document template is a template that matches the related information of the target asset in a plurality of document templates corresponding to a first blockchain;

generating the digital document of title based on the first configuration information and a predetermined document generation rule;

storing the digital document of title in the first blockchain;

connecting the target asset with the digital document of title in the first blockchain;

circulating the target asset by using the first blockchain based on the digital document of title;

receiving, from the first user device, a document query request for the digital document of title, wherein the document query request comprises document identification information of a to-be-queried digital document of title;

matching the document identification of the to-be-queried digital document of title with document identification information of the digital document of title stored in the first blockchain; and

in response to that the document identification of the to-be-queried digital document of title matches with the document identification information of the digital

document of title stored in the first blockchain, sending, to the first user device, re-direction information and the digital document of title, wherein the re-direction information, when selected at the first user device, redirects the first user device to a corresponding display interface that displays the first configuration information.

12. The non-transitory, computer-readable medium of claim 11, the operations further comprising:

receiving a template acquisition request sent by the first user device, wherein the template acquisition request comprises template identification information of the corresponding first document template to be obtained;

obtaining the corresponding first document template from the first blockchain based on the template identification information; and

sending the obtained first document template to the first user device to enable the first user device to perform the configuration operation on each component in the corresponding first document template.