

CLAIMS

What is claimed is:

1. A method for accessing an aggregation code payment page, comprising:

obtaining, by a first server, an access request sent by a terminal, wherein the access request is generated by the terminal by scanning a target aggregation code, and the access request comprises code information of the target aggregation code and a terminal identifier of the terminal;

obtaining, by the first server, a first redirection address corresponding to the code information, wherein the first redirection address is an access address specified by a second server that manages the target aggregation code;

sending, by the first server, a payment request for the target aggregation code based on the first redirection address;

obtaining, by the first server, target page information of a payment page corresponding to the target aggregation code; and

sending, by the first server, the target page information to the terminal, wherein before obtaining target page information of a payment page corresponding to the target aggregation code, the method comprises:

receiving, by the first server, a first request used to obtain account information of a payment account, wherein the first request comprises a second redirection address, the second redirection address is generated based on the first redirection address, and the second redirection address corresponds to a payment application provided by the first server; and

sending, by the first server, an authorization code of the payment account to the second redirection address.

2. The method according to claim 1, wherein before receiving a first request used to obtain account information of a payment account, the method further comprises:

receiving, by the first server, a second request that comprises a third redirection address, wherein the third redirection address points to a management institution of a collection account corresponding to the target aggregation code, and the third redirection address is generated based on the first redirection address; and

accessing, by the first server, the third redirection address, wherein the third redirection address is used to generate the second redirection address.

3. The method according to claim 1, wherein sending, by the first server, an authorization code of the payment account to the second redirection address specifically comprises:

determining, by the first server, based on the terminal identifier of the terminal, a target payment

account currently logged in on the terminal;

determining, by the first server, a target authorization code corresponding to the target payment account; and

sending, by the first server, the target authorization code to the second redirection address.

4. The method according to claim 1, wherein before obtaining target page information of a payment page corresponding to the target aggregation code, the method further comprises:

receiving, by the first server, a payment page address generated based on the authorization code; and

obtaining, by the first server, target page information of a payment page corresponding to the target aggregation code specifically comprises:

obtaining, by the first server, the target page information based on the payment page address.

5. The method according to claim 1, wherein the method further comprises:

obtaining, by the first server, a plurality of historical second redirection addresses received within a preset time period;

determining, by the first server, whether all historical second redirection addresses in the plurality of historical second redirection addresses are consistent; and

if all the historical second redirection addresses in the plurality of historical second redirection addresses are consistent, storing, by the first server, the historical second redirection address, the code information of the target aggregation code, and a correspondence between the code information and the historical second redirection address in a preset database.

6. The method according to claim 5, wherein before sending a payment request for the target aggregation code based on the first redirection address, the method comprises:

determining, by the first server, based on the code information, whether the preset database comprises the code information;

if the preset database comprises the code information, searching, by the first server, the preset database for the historical second redirection address corresponding to the code information; and

sending, by the first server, the authorization code of the payment account based on the historical second redirection address corresponding to the code information; and

sending, by the first server, a payment request for the target aggregation code based on the first redirection address specifically comprises:

if the preset database does not comprise the code information, sending, by the first server, the payment request for the target aggregation code based on the first redirection address.

7. The method according to claim 6, wherein determining, by the first server, whether the preset database comprises the code information specifically comprises:

searching, by the first server, the preset database for the code information based on a regular

expression, to obtain a search result; and

determining, by the first server, based on the search result, whether the preset database comprises the code information.

8. The method according to claim 1, wherein after obtaining, by a first server, an access request sent by a terminal, the method further comprises:

determining, by the first server, based on the code information, whether the server that manages the target aggregation code is a server of a preset agency, to obtain a first determining result; and

if the first determining result indicates that the second server is not the server of the preset agency, returning, by the first server, the code information to the terminal, so that the terminal obtains the target page information based on the code information by using a terminal browser; and

sending, by the first server, a payment request for the target aggregation code specifically comprises:

if the first determining result indicates that the second server is the server of the preset agency, sending, by the first server, the payment request for the target aggregation code based on the first redirection address.

9. The method according to claim 1, wherein the first server is connected to a network in a wired connection manner.

10. The method according to claim 1, wherein the first server communicates with the second server through a preset communication channel, and a bandwidth value of the preset communication channel is greater than or equal to a preset bandwidth value.

11. An apparatus for accessing an aggregation code payment page, comprising:

a request obtaining module, configured to obtain an access request sent by a terminal, wherein the access request is generated by the terminal by scanning a target aggregation code, and the access request comprises code information of the target aggregation code and a terminal identifier of the terminal;

a first address obtaining module, configured to obtain a first redirection address corresponding to the code information, wherein the first redirection address is an access address specified by a server that manages the target aggregation code;

a request sending module, configured to send a payment request for the target aggregation code based on the first redirection address;

an information obtaining module, configured to obtain target page information of a payment page corresponding to the target aggregation code; and

an information sending module, configured to send the target page information to the terminal, wherein the apparatus further comprises a second address obtaining module, specifically configured to:

receive a first request used to obtain account information of a payment account, wherein the first request comprises a second redirection address, the second redirection address is generated based on the first redirection address, and the second redirection address corresponds to a payment application provided by the first server; and

send an authorization code of the payment account to the second redirection address.

12. The apparatus according to claim 11, wherein the apparatus further comprises a third address obtaining module, specifically configured to:

receive a second request that comprises a third redirection address, wherein the third redirection address points to a management institution of a collection account corresponding to the target aggregation code, and the third redirection address is generated based on the first redirection address; and

access the third redirection address, wherein the third redirection address is used to generate the second redirection address.

13. A device for accessing an aggregation code payment page, comprising:

at least one processor; and

a storage communicatively connected to the at least one processor, wherein

the storage stores instructions that can be executed by the at least one processor, and the instructions are executed by the at least one processor, to enable the at least one processor to perform the following operations:

obtaining an access request sent by a terminal, wherein the access request is generated by the terminal by scanning a target aggregation code, and the access request comprises code information of the target aggregation code and a terminal identifier of the terminal;

obtaining a first redirection address corresponding to the code information, wherein the first redirection address is an access address specified by a second server that manages the target aggregation code;

sending a payment request for the target aggregation code based on the first redirection address;

obtaining target page information of a payment page corresponding to the target aggregation code;

and

sending the target page information to the terminal,

wherein before obtaining target page information of a payment page corresponding to the target aggregation code, performing:

receiving a first request used to obtain account information of a payment account, wherein the first request comprises a second redirection address, the second redirection address is generated based on the first redirection address, and the second redirection address corresponds to a payment application provided by the first server; and

sending an authorization code of the payment account to the second redirection address.

14. A computer-readable medium, wherein the computer-readable medium stores computer-readable instructions, and the computer-readable instructions can be executed by a processor to implement the method for accessing an aggregation code payment page according to any one of claims 1 to 10.