# QUOTATION LINK PROCESSING METHOD, SYSTEM AND APPARATUS, AND COMPUTER DEVICE, COMPUTER-READABLE STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT

## RELATED APPLICATION

**[0001]** This application is proposed based on Chinese Patent Application No. 202411172616.7 filed on August 23, 2024, and claims priority to the Chinese Patent Application, which is incorporated by reference in its entirety.

## FIELD OF THE TECHNOLOGY

**[0002]** The disclosure relates to the field of Internet technologies, and in particular, to a pricing chain processing method, system, and apparatus, a computer device, a computer-readable storage medium, and a computer program product.

## BACKGROUND OF THE DISCLOSURE

**[0003]** Currently, a client pricing system may customize different pricing policies for different objects (that is, different merchants) according to an object (for example, merchant) granularity. For example, a pricing policy (for example, a pricing policy P1) may be customized for a merchant (for example, a merchant A), and another pricing policy (for example, a pricing policy P2) may be customized for another merchant (for example, a merchant B).

**[0004]** Based on this, the inventor finds in practice that once a large quantity of merchants access the client pricing system, the client pricing system needs to independently customize corresponding pricing policies for the large quantity of different merchants. This means that the client pricing system needs to consume a large quantity of storage resources to store the independently customized pricing policies. Because different pricing policies of different merchants are independently stored in different configuration tables, when the client pricing system manages configuration of configuration tables of different pricing policies, the difficulty of configuration management may be increased, thereby reducing the flexibility of configuration management. In addition, a client pricing system in the related technology performs pricing configuration according to a merchant granularity. Therefore, when services of some merchants that access the client pricing system change, it is difficult to update pricing in old pricing policies bound with the merchants.

Instead, a new pricing policy needs to be reconfigured, according to the merchant granularity, for a merchant whose service changes. Consequently, binding configuration for a pricing policy bound with each merchant is less flexible.

## SUMMARY

**[0005]** Embodiments of the disclosure provide a pricing chain processing method, system, and apparatus, a computer device, a computer-readable storage medium, and a computer program product, which can improve flexibility of pricing chain management by configuring a pricing plug-in in a pricing chain, and can configure the pricing chain based on a specific pricing scenario of a service type, to ensure flexibility of binding configuration of the pricing chain and save storage resources for a client pricing system.

**[0006]** An embodiment of the disclosure provides a pricing chain processing method. The method is performed by a server and includes: receiving a plug-in configuration request from a first terminal device, the plug-in configuration request being used for performing plug-in configuration on a first pricing plug-in and a second pricing plug-in that are configured for the first terminal device; adding the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, the initial pricing chain being generated by the server based on chain attribute content; transmitting a target chain identifier of the target pricing chain and a target pricing scenario of the target service type to a second terminal device; receiving a binding configuration relationship between a target object and the target pricing chain from the second terminal device; the binding configuration relationship being determined by the second terminal device based on the target pricing scenario, the target chain identifier, and a target object identifier of the target object; and generating, in response to the binding configuration relationship of the target object being a compliant configuration relationship, configuration completion information to be returned to the second terminal device. The configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[0007]** An embodiment of the disclosure provides a pricing chain processing method. The method is performed by a first terminal device, and the includes: receiving, from a server, chain attribute content associated with an initial pricing chain, and displaying the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content; displaying a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing

chain management interface, and configuring a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; and transmitting a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; the server being configured to add the second pricing plug-in and the first pricing plug-in to a chain header of the initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, and configured to provide pricing information for a target object through the target pricing chain.

**[0008]** An embodiment of the disclosure provides a pricing chain processing method, including: receiving, by a first terminal device from a server, chain attribute content associated with an initial pricing chain, and displaying the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content, a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content including at least a target service type of the target service; displaying, by the first terminal device, a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configuring a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; transmitting, by the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; obtaining an arrangement display sequence associated with the chain header from the plug-in configuration request by the server, adding the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and using, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header; displaying a target object identifier of a target object on a pricing chain binding interface by a second terminal device, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determining a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier; sending the binding configuration relationship to the server by the second terminal device; and generating, by the server and when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion

information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[0009]** An embodiment of the disclosure provides a pricing chain processing system, the pricing chain processing system including a first terminal device, a second terminal device, and a server; the first terminal device being configured to receive chain attribute content associated with an initial pricing chain from the server, and display the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content, a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content including at least a target service type of the target service; the first terminal device being further configured to display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; the first terminal device being further configured to transmit a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; the server being configured to obtain an arrangement display sequence associated with the chain header from the plug-in configuration request, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header; the second terminal device being configured to display a target object identifier of a target object on a pricing chain binding interface, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier; the second terminal device being configured to transmit the binding configuration relationship to the server; and the server being further configured to generate, when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[0010]** An embodiment of the disclosure provides a pricing chain processing apparatus. The

apparatus includes: a first receiving module, configured to receive a plug-in configuration request from a first terminal device; the plug-in configuration request being used for performing plug-in configuration on a first pricing plug-in and a second pricing plug-in that are configured for the first terminal device; a chain generation module, configured to add the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, the initial pricing chain being generated by the server based on chain attribute content; a first transmission module, configured to transmit a target chain identifier of the target pricing chain and a target pricing scenario of the target service type to a second terminal device; a second receiving module, configured to receive a binding configuration relationship between a target object and the target pricing chain from the second terminal device; the binding configuration relationship being determined by the second terminal device based on the target pricing scenario, the target chain identifier, and a target object identifier of the target object; and a generation module, configured to generate, in response to the binding configuration relationship of the target object being a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[0011]** An embodiment of the disclosure provides a pricing chain processing apparatus. The apparatus includes: a third receiving module, configured to receive chain attribute content associated with an initial pricing chain from a server, and display the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content; a display module, configured to display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; and a second transmission module, configured to transmit a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; the server being configured to add the second pricing plug-in and the first pricing plug-in to a chain header of the initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, and configured to provide pricing information for a target object through the target pricing chain.

**[0012]** An embodiment of the disclosure provides a computer device, including a memory and a processor, the memory being connected to the processor, the memory being configured to

store computer executable instructions or computer programs, and the processor being configured to implement the foregoing pricing chain processing method when executing the computer executable instructions or the computer programs stored in the memory.

**[0013]** An embodiment of the disclosure provides a computer-readable storage medium, having computer-executable instructions or computer programs stored therein, when the computer-executable instructions or computer programs are loaded and executed by a processor, the foregoing pricing chain processing method being implemented.

**[0014]** An embodiment of the disclosure provides a computer program product, including computer-executable instructions or computer programs, the computer-executable instructions or computer programs being stored in a computer-readable storage medium, and a processor of a computer device reading and executing the computer-executable instructions or computer programs from the computer-readable storage medium, to perform the foregoing pricing chain processing method.

**[0015]** In the embodiments of the disclosure, when receiving chain attribute content associated with an initial pricing chain from a server, the first terminal device in the pricing chain processing system may display the chain attribute content on a pricing chain management interface; a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content including at least a target service type of the target service; the first terminal device may further display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; and then, the first terminal device may send a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; so that the server can obtain an arrangement display sequence associated with the chain header from the plug-in configuration request, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header. When obtaining a target chain identifier of the target pricing chain and a target pricing scenario of a target service type from the server, the second terminal device may determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier, and

then send the binding configuration relationship to the server. Then, when determining that the binding configuration relationship of the target object is a compliant configuration relationship, the server may generate configuration completion information to be returned to the second terminal device. The configuration completion information herein is used to instruct to provide the pricing information for the target object through the target pricing chain in the target pricing scenario. As can be seen, in the embodiments of the disclosure, pricing plug-ins of different pricing types used for managing and configuring the initial pricing chain may be flexibly selected on the plug-in configuration interface in a plug-in form, thereby improving the flexibility of managing and configuring the pricing plug-ins (for example, the first pricing plug-in and the second pricing plug-in) in the pricing chain. That is, the flexibility of managing the pricing chain may be improved by configuring the pricing plug-ins in the pricing chain. In addition, in the embodiments of the disclosure, in a process of binding the pricing chain, according to a specific pricing scenario (that is, a target pricing scenario, for example, an ordinary user scenario) of a merchant (for example, a target object), a service type of the target pricing scenario may be quickly determined. Therefore, when the service type of the target pricing scenario is a target service type, a target pricing chain currently bound with the merchant (for example, the target object) may be quickly indexed. That is, in the embodiments of the disclosure, when chain binding is performed on the pricing chain by using the target pricing scenario as a granularity, the merchant (that is, the target object) may be removed from a client pricing system of the target pricing chain. Further, flexibility of binding configuration of the pricing chain may be improved. In addition, in the embodiments of the disclosure, the target pricing chain created for the target service type may be generated. That is, for different merchants (for example, target objects), corresponding pricing policies are customized, which can save storage resources for the client pricing system.

## BRIEF DESCRIPTION OF THE DRAWINGS

**[0016]** To describe the technical solutions in embodiments of the disclosure or the related art more clearly, the following briefly introduces the accompanying drawings needed for describing the embodiments or the related art. Apparently, the accompanying drawings in the following description show only some embodiments of the disclosure, and a person of ordinary skill in the art may still derive other drawings from these accompanying drawings without creative efforts.

**[0017]** FIG. 1 is a schematic structural diagram of a network architecture according to the disclosure;

**[0018]** FIG. 2 is a schematic diagram of a scenario of data exchange in a pricing service system according to an embodiment of the disclosure;

**[0019]** FIG. 3 is a schematic flowchart of a pricing chain processing method according to an embodiment of the disclosure;

**[0020]** FIG. 4 is a schematic diagram of a scenario of configuring a first pricing plug-in and a second pricing plug-in on a plug-in configuration interface according to an embodiment of the disclosure;

**[0021]** FIG. 5 is a schematic diagram of a scenario of displaying service binding data information on a pricing chain binding interface according to an embodiment of the disclosure;

**[0022]** FIG. 6 is a schematic diagram of a pricing routing mapping table according to an embodiment of the disclosure;

**[0023]** FIG. 7 is a schematic diagram of a scenario of configuring different pricing chains for different clients based on a pricing scenario in a service pricing system according to an embodiment of the disclosure;

**[0024]** FIG. 8 is a schematic flowchart of another pricing chain processing method according to an embodiment of the disclosure;

**[0025]** FIG. 9 is a schematic diagram of a scenario of entering key field content on a chain creation interface according to an embodiment of the disclosure;

**[0026]** FIG. 10 is a schematic diagram of a scenario including a pricing configuration process and a real-time client pricing process according to an embodiment of the disclosure;

**[0027]** FIG. 11 is a schematic diagram of performing service modeling on a real-time client pricing process and a pricing configuration process according to an embodiment of the disclosure;

**[0028]** FIG. 12 is a schematic diagram of a scenario of a pricing service system according to an embodiment of the disclosure;

**[0029]** FIG. 13 is a schematic flowchart of performing client pricing according to an embodiment of the disclosure;

**[0030]** FIG. 14 is a schematic diagram of describing an association between multiple forms according to an embodiment of the disclosure;

**[0031]** FIG. 15 is a schematic structural diagram of a pricing chain processing system according to an embodiment of the disclosure; and

**[0032]** FIG. 16 is a schematic structural diagram of a computer device according to an embodiment of the disclosure.

## DESCRIPTION OF EMBODIMENTS

**[0033]** Concepts of related terminologies in the embodiments of the disclosure are described below.

**[0034]** (1) Pricing chain: a serial processing path that is constructed by a third-party payment platform in a pricing agent and market making system (PAMAS) and that is used for processing a live exchange rate (a real-time market price) into a final client price (a client tradable price). The core logic of the pricing chain is: processing exchange rates layer by layer by using multiple pricing agents (PA) according to a preset policy, and finally outputting a client price meeting a service requirement. The pricing chain includes the following key roles: a starting point, a middle node, and an end point. The starting point is a liquid provider pricing agent (LPA). The starting point may aggregate live exchange rates of multiple liquidity providers (LP), to generate an initial platform benchmark price (a market flat price). The middle node is an internal pricing agent (IPA). Each IPA corresponds to a price adding policy (such as a fixed spread, a percentage premium, or risk adjustment), and processes a benchmark price. For example, an IPA1 may add 0.1% handling fee, and an IPA2 may add fee in a floating manner according to a client level. An end point is an external pricing agent (EPA), and an end point is a final chain node customized for a particular service scenario and outputs a client price. For example, an EPA of a cross-border e-commerce service may add exchange rate fluctuation buffering, and an EPA of an overseas study tuition payment service may use stricter spread control.

**[0035]** (2) Third-party institution (that is, a third party for short): an independent institution having particular strength and reputation guarantee. The third-party institution may subscribe with various banks, and provide a transaction payment platform for linking with a payment settlement system interface of a financial institution (such as a bank) in a network payment mode (such as a third-party payment mode). Transaction payment platforms provided by the third-party institution may be collectively referred to as a third-party payment platform. A manner of performing transaction payment by using the third-party payment platform may be referred to as a third-party payment mode (that is, third-party payment for short). For example, in the third-party payment mode, after a consumer (for example, a buyer A) selects a commodity on a transaction service platform provided by the third-party institution, the consumer may use a third-party account provided by the third-party payment platform (that is, the transaction payment platform) to pay for a transaction order currently used to purchase the commodity (for example, payment for the commodity may be made to a third-party account corresponding to the third-party institution in the third-party payment mode). When the payment for the commodity succeeds, the third-party

institution notifies a seller (for example, a merchant B) that the current payment has been received, and may further require (that is, notify) the seller to deliver. In this way, after receiving and checking the commodity, the buyer A may perform transaction confirmation on the current transaction order, and further may further notify the third-party institution to make payment after the transaction confirmation, so that the third-party institution may transfer payment for the transaction order that is temporarily stored in the third-party account to a seller account.

**[0036]** In the embodiments of the disclosure, the payment service (that is, a target service) provided by the third-party institution may include one or more service types. The multiple service types herein may include, but are not limited to, an e-commerce payment service, a social payment service, a cross-area payment reception service, and an enterprise foreign exchange service. In the embodiments of the disclosure, there may be one or more pricing scenarios in one service type. A specific quantity of pricing scenarios in one service type is not limited in the embodiments of the disclosure. For ease of understanding, in this embodiment of the disclosure, in a process of pricing chain generation, pricing chains (that is, pricing chains currently having chain validity) that are generated for a service type (that is, a target service type) and that can be bound are collectively referred to as a target pricing chain. In addition, in this embodiment of the disclosure, in a process of pricing chain binding, a corresponding target pricing chain may be bound for a specific pricing scenario (that is, a target pricing scenario) in the target service type, so that pricing information may be provided for different merchants in the target pricing scenario through the target pricing chain. That is, in this embodiment of the disclosure, in an actual pricing process, pricing information may be provided for different merchants in the same pricing scenario through the same pricing chain obtained through matching. In this embodiment of the disclosure, one or more merchants in the target pricing scenario may be collectively referred to as a target object. For example, in an e-commerce payment service, there may be different sellers, and these sellers may access a transaction service platform associated with a merchant agreement center in a subscription onboard manner. The sellers subscribing to onboard the transaction service platform are different merchants in multiple different pricing scenarios in this embodiment of the disclosure. In this embodiment of the disclosure, merchant identifiers (ID) (for example, merchant numbers) of the merchants may be collectively referred to as object identifiers of target objects. In this embodiment of the disclosure, a particular pricing scenario of multiple different pricing scenarios may be referred to as a target pricing scenario. Therefore, for any merchant (that is, a target object) in the target pricing scenario, a chain binding relationship between the merchant (that is, the target object) and a target pricing chain (that is, a pricing chain that is created and configured for a target service type and that has chain validity) may be created. In this way, when a client pricing system (for example, a server

configured to provide client pricing) corresponding to the transaction payment platform receives a query request of an object (that is, a target object, for example, a merchant B), a target pricing chain (for example, a pricing chain P1) bound with the target object (for example, the merchant B) in the e-commerce payment service may be found based on the chain binding relationship, so that pricing information may be provided for the target object (for example, the merchant B) by using a pricing policy of each pricing plug-in in the target pricing chain (for example, the pricing chain P1), and the target object (for example, the merchant B) may perform resource exchange by using the provided pricing information. Therefore, a target resource obtained through resource exchange may be used to make order payment in the transaction order generated in the e-commerce payment service, so as to transfer required payment (that is, the target resource obtained through exchange) for purchasing the commodity to the third-party account.

**[0037]** (3) Platform benchmark price: a benchmark price provided by a third-party payment platform. For example, in a cross-area payment service scenario, the platform benchmark price provided by the third-party payment platform may be a benchmark price (that is, a benchmark exchange rate) obtained when resource exchange is performed on a resource X1 (for example, HKD) and a resource X2 (for example, CNY) in a target transaction resource pair (for example, the foregoing HKD-CNY). In this case, the platform benchmark price may include a first benchmark exchange rate provided in a transaction direction (that is, an ASK direction) when the resource X1 (for example, HKD) is purchased and a second benchmark exchange rate provided in another transaction direction (that is, a BID direction) when the resource X1 (for example, HKD) is sold. In other words, the platform benchmark price herein may be understood as a cost price at which the third-party institution corresponding to the third-party payment platform closes its position in the exchange market at a moment.

**[0038]** (4) Client pricing: refer to a tradable price provided by the third-party payment platform for a target object (for example, a service/a merchant/a user). The client pricing herein may be understood as pricing information that is provided according to a target pricing chain and that is used to perform resource exchange. For example, the client pricing herein may include pricing information that is obtained by the third-party payment platform after increasing a price of a service and that is provided for the service (that is, the target object), or may further include pricing information that is obtained after a service increases a price for a merchant and that is provided to the merchant (that is, another target object), and pricing information that is obtained after a merchant increases a price for a user and that is provided to the user (that is, another target object). In other words, in this embodiment of the disclosure, chain binding may be performed through the target pricing chain pre-created for the target service. For example, chain binding may be performed

on the target pricing chain and a target pricing scenario of the target service, so that pricing information may be provided for a target object in the target pricing scenario through the target pricing chain that is successfully bound.

**[0039]** (5) Market maker: a role in the financial market. The market maker continuously offers a buy price (for example, pricing information provided when the resource X1 is purchased) and a sell price (for example, another pricing information provided when the resource X1 is sold) of a particular financial product (for example, the target transaction resource pair including the resource X1 and the resource X2), to provide liquidity to the market, so that other investors can buy or sell the product at any time. A main responsibility of a market maker is to ensure the liquidity and stability of the financial market. By buying and selling financial products, these market makers help reduce a price difference (that is, a price difference between buying and selling, which is also referred to as a "spread") between buyers and sellers, and ensure that there is a sufficient trade volume in the market, so that other investors can perform trading at any time. Market makers exist in various financial markets, including a stock market, a bond market, a foreign exchange market, a futures market, an options market, and the like. These market makers are usually large financial institutions, such as investment banks and securities corporations.

**[0040]** (6) Liquidity provider (LP): During a foreign exchange transaction, a liquidity provider is a financial institution that can buy and sell a large quantity of resources (for example, a large quantity of liquid virtual resources), such as a large bank, a dealer, or a hedge fund. These liquidity providers can provide pricing for buying and selling, so that a trader can perform trading at any time, thereby increasing the liquidity of the market.

**[0041]** (7) Live exchange rate: A live exchange rate refers to a real-time buy price and sell price in the foreign exchange market. Because prices in the foreign exchange market fluctuate very quickly, the live exchange rate is usually presented in a manner of updating several times per second. Changes of the live exchange rate are usually slight, but these slight changes may have a significant impact on profit and loss of a trader.

**[0042]** (8) Pricing agent and market making system (PAMAS): In this embodiment of the disclosure, the PAMAS system (that is, a pricing service system) may include a client pricing system, a transaction service system, and a merchant system. A trader may flexibly manage and configure a pricing chain by using the pricing service system. The service platform corresponding to the pricing service system may be a pricing service platform. In this embodiment of the disclosure, a trader (that is, a first service object) may access a pricing chain management interface by using a system display interface (for example, the homepage of PAMAS) provided by the pricing service

platform, and then manage (for example, create, arrange, and modify) a target pricing chain for a target service on the pricing chain management interface. In addition, in this embodiment of the disclosure, the service staff (that is, a second service object) may access a pricing chain binding interface by using a subscription display interface (for example, a BOSS page) provided by a merchant agreement center associated with the pricing service platform, to bind the currently created target pricing chain with the target pricing scenario of the target service on the pricing chain binding interface, so that pricing information may be provided for a target object in the target pricing scenario through the target pricing chain that is successfully bound. A service platform corresponding to the transaction service system may include the foregoing transaction service platform and a third-party payment platform. In a merchant system, the merchant agreement center may be used for storing and recording information associated with a merchant. In this embodiment of the disclosure, the subscription display interface and the system display interface are display interfaces respectively provided by the pricing service system for different roles participating in pricing chain configuration and pricing chain binding. For example, in this embodiment of the disclosure, roles (that is, traders) participating in pricing chain configuration in the pricing service system may be collectively referred to as a first service object, and other roles (that is, the service staff) participating in pricing chain binding in the pricing service system may be collectively referred to as a second service object. The first service object and the second service object herein may be two different roles determined for the same object when accessing the pricing service system. Alternatively, the first service object and the second service object herein may be two different roles determined for two different objects when accessing the pricing service system.

**[0043]** (9) Client route center (CRC): The client route center provided in this embodiment of the disclosure may include a client pricing route (CPM) and a client trading route (CTM). The CTM may be used for managing a mapping relationship (for example, a transaction mapping relationship) between a position set and a target transaction resource pair (for example, a currency pair corresponding to a merchant number when a merchant registers) of a target object in a transaction service system. In other words, in this embodiment of the disclosure, in a transaction service system, the target transaction resource pair of the target object may be bound with a corresponding position set, to obtain a transaction mapping relationship of the target transaction resource pair, so that the transaction mapping relationship obtained through binding can be managed by the client trading route. The bound position set is actually used to record a total transaction amount of a target resource. That is, when the target resource is a foreign currency, a preset single transaction amount for the foreign currency may be collectively referred to as a position. Therefore, one position set may be used to record all transaction amounts of the foreign currency collected in a preset

transaction duration (for example, a transaction duration in a unit of day), so as to obtain a total transaction amount (that is, a total transaction volume) of the transaction. For example, if a target transaction resource pair that a merchant B needs to transact specifically includes two currency pairs: USD-CNH and HKD-CNY, when the merchant B signs a protocol to subscribe to onboard a transaction service platform provided by the third-party institution, it may be declared that the two currency pairs need to be transacted. Then, in a transaction configuration process, the service staff (that is, the first service object) in the third-party institution may bind the target transaction resource pair corresponding to the merchant number of the merchant B with a corresponding position set. For example, in this embodiment of the disclosure, the target transaction resource pair (for example, USD-CNH) may be bound with a target position set (for example, a USD position set, that is, a dollar position set). For another example, the target transaction resource pair (for example, HKD-CNY) may be bound with a target position set (for example, a HKD position set, that is, a Hong Kong dollar position set). This means that after the merchant B subscribes to the pricing service system, if the merchant B needs to perform resource exchange by using a payment service (for example, a social payment service) provided by the third-party payment platform, the merchant B may be allowed to implement an exchange operation on the target resource (that is, the resource X1, for example, HKD) in the target transaction resource pair by using a social application having a payment function. In this way, an exchange order for the exchange operation automatically enters, according to a target position set managed by transaction client routing (that is, the CTM) and having a mapping relationship with the target resource pair (for example, HKD-CNY), a Hong Kong dollar position set bound with the target resource pair. Further, each transaction amount recorded in each orderbook of the third-party payment platform for Hong Kong dollar may be determined, and it is determined whether a current transaction total amount obtained through statistics collection and recorded in all orderbooks reaches a preset transaction total amount (that is, a transaction total amount indicated by the Hong Kong dollar position set that is managed by transaction client routing (that is, the CTM) and that has a transaction binding relationship with the merchant B). If not, a third-party institution corresponding to the third-party payment platform needs to perform transaction exchange with another financial institution, so that a transaction difference (that is, an amount obtained by calculating a difference between the preset transaction total amount and the current transaction total amount obtained through statistics collection) for the target resource (for example, HKD, that is, Hong Kong dollar) is purchased (that is, exchanged) from another financial institution, to ensure that the transaction total amount indicated by the Hong Kong dollar position set can be finally reached. This can satisfy a transaction exchange requirement of the merchant B for the target resource (for example, Hong Kong dollar) as much as possible.

**[0044]** The CPM may be configured to manage mapping relationships between different pricing chains (for example, pricing chains whose chain headers are different service pricing plug-ins) and merchant numbers. In this embodiment of the disclosure, one pricing chain may be formed by multiple pricing plug-ins, and each pricing plug-in is a chain element on the pricing chain. The target pricing chain in this embodiment of the disclosure is a pricing chain obtained after multiple different types of pricing plug-ins are flexibly configured in a plug-in form. The target pricing chain may include at least three pricing plug-ins, and the three pricing plug-ins may be specifically a service pricing plug-in, a first pricing plug-in, and a second pricing plug-in.

**[0045]** For ease of understanding, in this embodiment of the disclosure, for example, the target pricing chain includes three pricing plug-ins. A service pricing plug-in may be a pricing plug-in deployed on the chain header of the target pricing chain and configured to interface with a target service (for example, the e-commerce payment service or the social payment service). That is, the chain header of the target pricing chain may be the service pricing plug-in. For example, the service pricing plug-in may be an EPA plug-in. In a pricing chain generation process in this embodiment of the disclosure, a customized EPA chain may be constructed for each target service. The EPA chain herein is a pricing chain (that is, the target pricing chain currently having chain validity in this embodiment of the disclosure) whose chain header is the EPA plug-in. In other words, in this embodiment of the disclosure, an EPA plug-in in each currently created customized EPA chain may be used to deal with a corresponding target service, so that each currently created customized EPA chain may be more flexibly and conveniently bound with a target pricing scenario of the target service subsequently. The pricing type corresponding to the EPA plug-in is an EPA type.

**[0046]** In addition, in the target pricing chain, other pricing plug-ins that are arranged behind the service pricing plug-in (for example, the EPA plug-in) may be the first pricing plug-in and the second pricing plug-in. For example, if a pricing plug-in arranged after the service pricing plug-in is the second pricing plug-in, a pricing type of the second pricing plug-in may be the second pricing type, and the second pricing type herein may be an IPA type. In this case, a pricing plug-in arranged after the second pricing plug-in is the first pricing plug-in, a pricing type of the first pricing plug-in may be the first pricing type, and the first pricing type herein may be an LPA type. Based on this, in this embodiment of the disclosure, the pricing plug-in deployed on the chain tail of the target pricing chain may be the first pricing plug-in.

**[0047]** In an implementable manner, in this embodiment of the disclosure, a benchmark price for current pricing may be obtained by using the first pricing plug-in. The benchmark price herein may be obtained after the first pricing plug-in performs, according to a corresponding pricing

policy (for example, a pricing weighting policy), weighting calculation on different source prices that are obtained from an orderbook layer and that are provided by different price source organizations in a source layer. For example, input pricing information of the first pricing plug-in may be source prices that are obtained from the orderbook layer and that are provided by different price source organizations for the same transaction currency pair. In this case, the first pricing plug-in may perform pricing calculation on these source prices based on a pricing policy in the first pricing plug-in, to obtain output pricing information of the first pricing plug-in. Then, the output pricing information of the first pricing plug-in may be used as a benchmark price (that is, a platform benchmark price) for current pricing, and the platform benchmark price may be used as input pricing information of the second pricing plug-in. By analogy, output pricing information of the second pricing plug-in may also be used as input pricing information of the service pricing plug-in, so that the service pricing plug-in may provide pricing information for a target object (for example, a merchant/a user) based on a target service that the service pricing plug-in currently deals with.

**[0048]** In a PAMAS system, one pricing chain may be formed by multiple pricing plug-ins, and each pricing plug-in may be considered as a PA node. That is, in the PAMAS system, a smallest node used to form the pricing chain may be referred to as a pricing agent (that is, PA). Herein, a pricing agent (that is, PA) may be configured to receive an input exchange rate value (that is, input pricing information), and calculate an output exchange rate value (that is, output pricing information) based on a preset model/policy/calculation formula. Therefore, in this embodiment of the disclosure, different pricing agents (that is, PAs of different pricing types) may be connected in series according to a specific pricing requirement (for example, a specific pricing scenario) of a target service, to form a pricing chain with the different pricing agents (that is, PAs of different pricing types) as chain elements according to requirements. The EPA plug-in may be used for dealing with a service (that is, the target service), and the LPA plug-in may be used for aggregating pricing of different LPs (for example, source prices provided by different price source organizations may be aggregated), so that a price obtained through aggregation is used as a pricing starting point of the entire pricing chain. For example, pricing obtained through aggregation may be used as output pricing information of the LPA plug-in. In addition, for each IPA plug-in, each IPA plug-in corresponds to a pricing policy (for example, a fee increase manner/policy). Therefore, in this embodiment of the disclosure, a number of IPA plug-ins on a pricing chain may be self-defined according to requirements. Further, these IPA plug-ins may be connected in series, so that subsequently, output pricing information finally calculated based on these IPA plug-ins connected in series may be used as input pricing information for input of the EPA plug-in. In other words, in this embodiment of the disclosure, one IPA plug-in may include multiple IPA sub-plug-ins, and a large

second pricing plug-in that matches the second pricing type may be obtained by connecting the IPA sub-plug-ins in series. A pricing type of each IPA sub-plug-in herein is the second pricing type.

**[0049]** (10) Orderbook: In this embodiment of the disclosure, an orderbook may be understood as a foreign exchange orderbook recorded when foreign exchange is performed (that is, an orderbook used for performing foreign exchange). The orderbook is an electronic tool used for recording purchase and selling order information in a market (that is, the service transaction system). For example, the orderbook may be used to record and display quantities of buy and sell orders of different price levels. The orderbook can effectively help traders (for example, a buyer and a seller) needing to perform trading to know a supply and demand status of a market. For example, a foreign exchange orderbook (that is, an orderbook used to perform foreign exchange) may specifically include the following information: Buy order: an order that a trader is willing to buy a foreign currency at a particular price. The buy orders in the foreign exchange orderbook (that is, an orderbook for performing foreign exchange) are usually sorted in descending order of prices. Sell order: an order that a trader is willing to sell a foreign currency at a particular price. The sell orders in the foreign exchange orderbook (that is, an orderbook for performing foreign exchange) are usually sorted in ascending order of prices. Price: a price recorded in a buy order or a sell order. The prices herein may be sorted in ascending order, or may be sorted in descending order. Quantity: a quantity of buy orders or sell orders. The quantity can help a user understand the depth of the market, that is, capability of the market in tolerating large-scale trades without significantly affecting prices.

**[0050]** To improve optimization among channels and convenience of free combination, in this embodiment of the disclosure, a total orderbook associated with a client pricing system in the related technology may be changed to multiple orderbooks at an orderbook layer. One orderbook may be independently configured with one access channel (for example, an access manner of a price source organization associated with the new client pricing system (that is, a pricing service system). The price source organization herein may include, but is not limited to, market makers and large financial institutions in the market). An access manner of a price source organization may include, but is not limited to, one or a combination of dimensions such as a product type (that is, a service type), a transaction resource pair, and a delivery day. For example, the access channel is a transaction resource pair. Different large financial institutions may access the same orderbook for source prices provided for the same transaction resource pair, and the same financial institution may access different orderbooks for source prices provided for different transaction resource pairs.

**[0051]** FIG. 1 is a schematic structural diagram of a network architecture according to the

disclosure. As shown in FIG. 1, the network architecture may include a server 100a and a terminal device cluster, and the terminal device cluster may include one or more terminal devices, where a number of terminal devices is not limited herein. As shown in FIG. 1, the multiple terminal devices may specifically include a terminal device 200a, a terminal device 200b, …, and a terminal device 200n. As shown in FIG. 1, the terminal device 200a, the terminal device 200b, …, and the terminal device 200n may be connected to the server 100a through a network, so that each terminal device may exchange data with the server 100a through the network connection.

**[0052]** In the field of financial payment, each terminal device shown in FIG. 1 may be installed with a target application (for example, a financial payment client). When the financial payment client runs in each terminal device, the financial payment client may separately perform data exchange with the server 100a shown in FIG. 1. For example, in a process of providing pricing information through the target pricing chain that has been bound, each terminal device on which a financial payment client is installed may send a resource exchange request for a current transaction payment service (for example, a target service) to the server 100a. In this way, when receiving the resource exchange request from each terminal device, the server 100a may quickly match, based on a target resource type of the target service in the corresponding resource exchange request, a target pricing chain matching the target resource type. Therefore, a pricing policy of each pricing plug-in in the target pricing chain may be executed to quickly and accurately calculate pricing information provided for a pricing request client (that is, a target object) corresponding to each terminal device.

**[0053]** The server 100a shown in FIG. 1 may be an independent physical server, or a server cluster or a distributed system including multiple physical servers, or may alternatively be a cloud server that provides a cloud service, a cloud database, cloud computing, a cloud function, cloud storage, a network service, cloud communication, a middleware service, a domain name service, a security service, a content delivery network (CDN), and a basic cloud computing service such as big data and an artificial intelligence platform.

**[0054]** In addition, a terminal device in the terminal device cluster may include an electronic device such as a smartphone, a tablet computer, a notebook computer, a palmtop computer, a mobile Internet device (MID), a wearable device (such as a smartwatch or a smart band), an intelligent voice interaction device, an intelligent appliance (such as a smart television), and an in-vehicle device.

**[0055]** In the field of financial payment, in the related art, a client pricing system needs to respectively configure different pricing policies for different merchants (that is, different target objects) according to a merchant granularity. As a result, different pricing policies bound with the

same merchant (that is, the same target object) are respectively scattered in multiple different configuration tables, and this increases difficulty in managing the pricing policies scattered in the different configuration tables. To resolve this problem, this embodiment of the disclosure provides that an entire client pricing system may be reconstructed in a plug-in manner, to obtain a new client pricing system. The new client pricing system may be a pricing service system that stores different pricing chains and that is constructed according to a pipeline mode policy for different services. For example, this embodiment of the disclosure provides that these pricing policies configured for different services may be encapsulated into corresponding pricing plug-ins in a plug-in manner. In this way, a trader (that is, the first service object) may reuse, in an actual transaction payment service, a current encapsulated pricing plug-in for a current transaction payment service (that is, a target service), so that pricing plug-ins of different service types may be flexibly reused based on a serial pipeline mode policy, and a target pricing chain for a specific transaction payment service (that is, the target service) may be constructed through flexible configuration of these pricing plug-ins. In this way, pricing plug-ins integrated with different pricing policies may be flexibly and centrally configured in the same pricing chain according to an actual service requirement. This can avoid that different pricing policies are scattered in different configuration tables. Besides, this can resolve that the original client pricing system needs to configure hundreds of thousands of pricing policies for each merchant for different configuration dimensions (for example, a date/time/scenario is added). Therefore, this can effectively avoid that the original client pricing system needs to configure hundreds of thousands of pricing policies for each merchant, which causes redundancy of a large quantity of pricing configuration resources and causes waste of storage resources of the entire client pricing system.

**[0056]** For ease of understanding, referring to FIG. 2, FIG. 2 is a schematic diagram of a scenario of data exchange in a pricing service system according to an embodiment of the disclosure. As shown in FIG. 2, multiple terminal devices in the pricing service system (for example, a PAMAS system) may include a terminal device 2a, a terminal device 2b, a terminal device 2c, and a server 100a shown in FIG. 2. The terminal device 2a is a terminal device configured to perform chain management and plug-in configuration. In this case, a user U1 corresponding to the terminal device 2a is a trader that can participate in chain management and plug-in configuration in the pricing service system.

**[0057]** For ease of understanding, in this embodiment of the disclosure, service objects (for example, traders) that perform chain management in the pricing service system may be collectively referred to as a first service object. The first service object herein may be the user U1 shown in FIG. 2. In this embodiment of the disclosure, terminal devices corresponding to the first service object

may be collectively referred to as a first terminal device, and financial payment clients integrated and running in the first terminal device may be collectively referred to as a first client. In this way, when the trader (that is, the first service object, for example, the user U1) accesses an access display interface of the pricing service system by using a first client of the first terminal device (for example, the terminal device 200a shown in FIG. 1), the trader may further access a system display interface (for example, a system homepage of the PAMAS system, that is, the PAMAS homepage shown in FIG. 2) of the pricing service system through identity authentication, and further may display the pricing chain management interface 20a shown in FIG. 2 on the first client of the first terminal device by triggering a chain management control (for example, a pipeline management control) on the system display interface (for example, the system homepage of the PAMAS system, that is, the PAMAS homepage shown in FIG. 2).

**[0058]** In other words, as shown in FIG. 2, after accessing the PAMAS homepage (that is, a system display interface of the pricing service system) by using the terminal device 2b, the user U1 may further trigger a chain management control (for example, a pipeline management control) on the system display interface to display the pricing chain management interface 20a shown in FIG. 2 on the system display interface (that is, the PAMAS homepage shown in FIG. 2), and further may trigger a pricing chain generation process by using the pricing chain management interface 20a. As shown in FIG. 2, the terminal device 2a may customize a pricing policy and a pricing chain by means of data interaction with the server 100a.

**[0059]** The user U1 triggers a pricing policy management component (for example, a manual fee increase management component) in a plug-in query management control (for example, a PA management control) on the system display interface, to display a pricing configuration list interface on the terminal device 2a. In this case, a first pricing policy configuration table corresponding to a first pricing policy (for example, a manual fee increase policy) is displayed on the pricing configuration list interface. The first pricing policy configuration table is used to present one or more pieces of pricing policy detail information associated with the second pricing type (for example, the IPA type). In this way, when the user U1 finds that pricing policy detail information in the first pricing policy configuration table does not include target pricing policy detail information matching a pricing scenario of a current object (that is, the target object, for example, a user U3 shown in FIG. 2), the user U1 may trigger a pricing policy creation control (that is, a creation button) on the pricing configuration list interface, to display a pricing policy creation page on the terminal device 2a. In this way, the user U1 may further enter the target pricing policy detail information for the first pricing policy (for example, a manual fee increase policy) on the pricing policy creation page. Then, after performing a creation confirmation operation on the target pricing

policy detail information on the pricing policy creation page, the user U1 may add a new column of list bar to the first pricing policy configuration table, to display the currently created target pricing policy detail information of a pricing plug-in in the added new list bar.

**[0060]** In this embodiment of the disclosure, one piece of pricing policy detail information displayed in the first pricing policy configuration table corresponds to one pricing plug-in. In other words, in this embodiment of the disclosure, each pricing plug-in carries pricing policy detail information of a corresponding pricing policy that is currently configured. In this way, when performing plug-in configuration, the user U1 may quickly perform plug-in configuration (that is, PA configuration) by using a pricing plug-in form of each pricing plug-in of a pricing policy that is currently configured. For example, as shown in FIG. 2, "create (button)" on the pricing chain management interface 20a may be a chain creation control for creating a chain. When the user U1 triggers the "create (button)", a chain creation interface used for creating an initial pricing chain may be displayed on the terminal device 2a, and multiple chain key fields (for example, a defined name field, a service type field, and a description field) are displayed on the chain creation interface. In this way, when the user U1 enters field values of chain key fields on the chain creation interface, the field values entered by the user U1 may be collectively referred to as key field content corresponding to the chain key fields. After the user U1 performs a confirmation operation on the entered key field content on the chain creation interface, the pricing chain management interface 20a shown in FIG. 2 may display chain attribute content associated with a currently added new pricing chain (that is, the initial pricing chain).

**[0061]** As shown in FIG. 2, in a list bar (that is, an initial list bar; in this case, a field value of a modification time field in the initial list bar is T1) of the chain attribute content associated with the initial pricing chain, the user U1 may further trigger an arrangement button (that is, a plug-in configuration control) associated with the chain attribute content, so that the user U1 may invoke, on a plug-in configuration interface, pricing plug-in forms associated with different pricing types, and quickly implement plug-in configuration of pricing plug-ins of different PA types. The different PA types may include at least an LPA type and an IPA type. The LPA type herein may be a first pricing type displayed on the plug-in configuration interface, and a pricing plug-in corresponding to the first pricing type may be the first pricing plug-in 201 shown in FIG. 2. The IPA type herein may be a second pricing type displayed on the plug-in configuration interface, and a pricing plug-in corresponding to the second pricing type may be the second pricing plug-in 202 shown in FIG. 2.

**[0062]** For example, as shown in FIG. 2, the second pricing plug-in 202 obtained after the user U1 performs plug-in configuration by using the terminal device 2a may be a pricing plug-in

configured as a name of IPA_AAA, and the first pricing plug-in 201 may be a pricing plug-in configured as a name of LPA_Wechat. In this embodiment of the disclosure, after configuring the first pricing plug-in and the second pricing plug-in for the initial pricing chain on the plug-in configuration interface, the terminal device 2a needs to send a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server, so that the server may invoke the PA configuration shown in FIG. 2 (the PA configuration herein may be a pipeline configuration management center during pricing chain generation), and may add, according to a corresponding arrangement display sequence, the first pricing plug-in 201 and the second pricing plug-in 202 to the initial pricing chain with a chain header being the service pricing plug-in 203 shown in FIG. 2, to obtain a to-be-approved pricing chain on which chain approval is to be performed.

**[0063]** In this case, the server may send the to-be-approved pricing chain to an approving terminal associated with the pricing service system, so that the approving terminal may review pricing policies of pricing plug-ins arranged in the to-be-approved pricing chain, and when review succeeds, may determine, as a target pricing chain currently having chain validity, the initial pricing chain to which the second pricing plug-in 202 and the first pricing plug-in 201 are added. The target pricing chain herein may be a pricing chain 2a' shown in FIG. 2, and chain details of the pricing chain 2a' may be displayed in a form of a detail control on the pricing chain management interface 20a. For example, in this embodiment of the disclosure, the terminal device 2a may insert, on the pricing chain management interface, a detail control corresponding to chain details of the pricing chain into the initial list bar for display. The initial list bar into which the detail control is inserted for display is collectively referred to as a target list bar. In the target list bar, a field value of a modification time field is modified from original T1 to T2 shown in FIG. 2, to obtain chain attribute content (for example, chain attribute content 20b shown in FIG. 2) associated with the target pricing chain.

**[0064]** In the pricing chain management interface 20a, if the chain details of the pricing chain 2a' are a detail control displayed in the form of a control, in a process of flexibly constructing the target pricing chain based on the initial pricing chain, chain attribute content associated with the initial pricing chain is different from chain attribute content associated with the target pricing chain to some extent. For example, a field value of a modification time field in the chain attribute content associated with the initial pricing chain is T1 (that is, in this case, both the field value of the creation time field and the field value of the modification time field are recorded as T1), but a field value of a modification time field in the chain attribute content (for example, the chain attribute content 20b shown in FIG. 2) associated with the target pricing chain is T2 shown in FIG. 2. The chain attribute

content 20b associated with the target pricing chain may specifically include a field value of a defined name field (for example, a chain name A1 of the pricing chain 2a' shown in FIG. 2), a field value of a service type field (for example, a service type B1 (that is, the target service type) of the pricing chain 2a' shown in FIG. 2), a field value of a description field (for example, description information C1 of the pricing chain 2a' shown in FIG. 2), a field value of a creation time field (for example, T1 shown in FIG. 2), a field value of a creator (for example, the user U1 shown in FIG. 2), a field value of a modification time field (for example, T2 shown in FIG. 2), a field value of a modifier field (for example, the user U1), and the like. In this embodiment of the disclosure, a field value of the modification time field and a field value of the modifier field change as a modification operation performed on the current pricing chain changes. The modification operation herein includes, but is not limited to, performing plug-in configuration and plug-in modification (for example, plug-in deletion and plug-in addition may be performed) on a pricing chain (that is, the initial pricing chain) whose defined name field is the chain name A1.

**[0065]** In this embodiment of the disclosure, the initial pricing chain and the target pricing chain refer to pricing chains whose defined name fields are the chain name A1 and that are created at different stages for the same service type (for example, the service type B1 shown in FIG. 2). For example, the initial pricing chain is a pricing chain initially created by triggering the chain creation control (for example, a creation button) on the pricing chain management interface 20a, and the target pricing chain is a pricing chain obtained after different pricing plug-ins are flexibly configured based on the initial pricing chain. In this case, because chain configuration is performed on the initial pricing chain whose defined name field is the chain name A1, a field value of the modification time field displayed on the pricing chain management interface 20a is updated, to obtain an updated field value of the modification time field. For example, a modification time field in the target list bar of the chain detail field of the pricing chain 2a' may be T2. T2 herein refers to a modification time after T1. In this embodiment of the disclosure, the target pricing chain (for example, the pricing chain 2a' shown in FIG. 2) is the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header.

**[0066]** In a process in which the user U3 (that is, a target object, for example, a merchant) shown in FIG. 2 subscribes to onboard a merchant system, the user U2 shown in FIG. 2 may bind a pricing chain and a position set with the user U3 that currently subscribes to onboard the merchant system, so that when the user U3 subsequently needs to query a transaction resource pair (that is, a target transaction resource pair) on the pricing page shown in FIG. 2, the user U3 may send a query request to the server by using the terminal device 2c (that is, a target terminal device) shown in FIG. 2. In this way, the server may invoke client pricing (for example, a pricing system configured to

provide client pricing) shown in FIG. 2 to match a pricing chain based on the query request. For example, in this embodiment of the disclosure, client pricing (for example, the pricing system configured to provide client pricing) shown in FIG. 2 may be used to determine whether a pricing chain (that is, a target pricing chain) bound with the user U3 (that is, the target object) exists. If yes, the PA configuration shown in FIG. 2 may be further invoked to execute a pricing chain. For example, in this embodiment of the disclosure, plug-in details of the second pricing plug-in and plug-in details of the first pricing plug-in may be obtained from a pricing plug-in form managed by PA configuration (that is, the PA configuration center) shown in FIG. 2 according to various pricing plug-ins (for example, a service pricing plug-in, a second pricing plug-in, and a first pricing plug-in that are arranged on the pricing chain 2a' shown in FIG. 2) connected in series in the target pricing chain. In this way, pricing detail information of the first pricing plug-in may be accessed by using the plug-in details of the first pricing plug-in, and pricing detail information of the second pricing plug-in may be accessed by using the plug-in details of the first pricing plug-in. Then, the server may perform pricing calculation based on a pricing priority when a pricing priority of the first pricing plug-in is higher than a pricing priority of the second pricing plug-in, so that pricing information obtained through pricing calculation is sent to a service pricing plug-in configured as a name of "EPA_Wechat" shown in FIG. 2, so that the pricing information outputted by the service pricing plug-in may be used as pricing information to be provided to the target object (for example, the user U3) in the target pricing scenario.

**[0067]** In this embodiment of the disclosure, before the pricing information is provided for the target object through the target pricing chain, the target pricing chain and the target position set further need to be bound with the target object (for example, the user U3) in advance. For example, in this embodiment of the disclosure, the user U2 (that is, the service staff) performing pricing configuration/transaction configuration shown in FIG. 2 may be collectively referred to as a second service object, and a terminal device used by the second service object may be collectively referred to as a second terminal device (for example, the terminal device 2b shown in FIG. 2). As shown in FIG. 2, the user U2 (that is, the service staff) may perform data exchange with the server 100a by using the terminal device 2b shown in FIG. 2, to invoke a foreign exchange route center (that is, the CRC, a client route center) shown in FIG. 2 to perform pricing configuration/transaction configuration.

**[0068]** The server in this embodiment of the disclosure may further invoke, in a pricing configuration process, pricing routing shown in FIG. 2 (that is, the CPM, pricing client routing) to bind a pricing chain, to establish a chain binding relationship between the user U3 and the target pricing chain in the target pricing scenario of the user U3. The chain binding relationship herein

may be used to indicate that the pricing chain bound with the user U3 is the target pricing chain.

**[0069]** In addition, in this embodiment of the disclosure, in a transaction configuration process, transaction routing shown in FIG. 2 (that is, the CTM, transaction client routing) may be further invoked to bind a position set, to establish a transaction binding relationship between a transaction resource pair that the user U3 needs to trade and the target position set. The transaction binding relationship herein may be used to indicate that the position set bound with the user U3 is the target position set.

**[0070]** For example, as shown in FIG. 2, after accessing, by using the terminal device 2b (that is, a second terminal device), a subscription display interface (for example, the Boss page shown in FIG. 2) provided by a merchant system, the user U2 may jump, based on an identifier of the user U3 (that is, a target object, for example, a merchant) displayed on the subscription display interface, to a pricing chain binding interface associated with the pricing service system, so that another binding key field (for example, a buy resource field, a sell resource field, a pricing scenario field, or a bound pricing chain field) may be configured in a chain binding configuration table on the pricing chain binding interface for the currently displayed identifier of the user U3, to perform at least one of pricing configuration and transaction configuration on the terminal device 2b. Further, a chain binding relationship and a transaction binding relationship created by using the chain binding configuration table in a pricing configuration process on the terminal device 2b may be collectively referred to as a to-be-verified binding configuration relationship. In this way, subsequently, when the binding configuration relationship created for the target object by using the foreign exchange route center (that is, the CRC) shown in FIG. 2 is a compliant configuration relationship, the server 100a generates configuration completion information to be returned to the terminal device 2b (that is, the second terminal device), to complete pricing configuration and transaction configuration.

**[0071]** When the target pricing chain (for example, the pricing chain 2a') is used for binding with a target pricing scenario of a target service type associated with a target object (for example, the user U3), when receiving a pricing request (that is, the query request shown in FIG. 2) sent by any merchant (that is, the target object) in the target pricing scenario, the pricing service system may provide pricing information for different merchants in the target pricing scenario through the target pricing chain bound with the target pricing scenario. This means that in this embodiment of the disclosure, the target pricing chain may be reused in the target pricing scenario, to quickly provide pricing information for all merchants in the target pricing scenario. This can resolve that different pricing policies are configured for different merchants in an existing client pricing system

by using merchants as granularities and consequently pricing calculation resources are wasted in an actual pricing processing process in the entire client pricing system.

**[0072]** All data (for example, relevant data such as chain attribute content, a pricing plug-in used to form a pricing chain, an object identifier of a target object, and a transaction order) collected in this embodiment of the disclosure is collected when an object (that is, a target object such as a user, an enterprise, or an institution) of the data agrees and authorizes, and collection, use, and processing of the relevant data need to comply with relevant laws and regulations and standards of relevant countries and regions.

**[0073]** Referring to FIG. 3, FIG. 3 is a schematic flowchart of a pricing chain processing method according to an embodiment of the disclosure. As shown in FIG. 3, the method is interactively performed by a first terminal device, a server, and a second terminal device. In this embodiment of the disclosure, the first terminal device herein may be a terminal device configured to perform chain management in a pricing service system. For example, the first terminal device may be the terminal device 2a in the embodiment corresponding to FIG. 2. The second terminal device herein may be a terminal device configured to perform chain binding in the pricing service system. For example, the second terminal device may be the terminal device 2b in the embodiment corresponding to FIG. 2. The server herein may be a background service device that cooperatively participates in chain management and chain binding in the pricing service system. For example, the server herein may be the server 100a in the embodiment corresponding to FIG. 2. As shown in FIG. 3, the method includes at least the following operations S101 to S107:

**[0074]** Operation S101: Receive, by a first terminal device, chain attribute content associated with an initial pricing chain from a server, and display the chain attribute content on a pricing chain management interface.

**[0075]** The initial pricing chain is generated by the server based on the chain attribute content; where a chain header of the initial pricing chain is a service pricing plug-in corresponding to a target service; and the chain attribute content includes at least a target service type of the target service.

**[0076]** Herein, the auxiliary field content may include chain creation record information and chain modification record information, the chain creation record information is recorded data information about creation of the initial pricing chain, and the chain modification record information is recorded data information about modification of the initial pricing chain. In addition, in this embodiment of the disclosure, after plug-in configuration is performed by using the initial pricing chain and the target pricing chain is constructed, data information of the target pricing chain

may also be modified by using update record of the chain modification record information.

**[0077]** For related descriptions of the chain attribute content (that is, the chain attribute content associated with the initial pricing chain) displayed on the pricing chain management interface, refer to related content in the embodiment corresponding to FIG. 2, and details are not described herein.

**[0078]** Operation S102: Display, by using the first terminal device, a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface.

**[0079]** Herein, the first pricing type is different from the second pricing type. The plug-in configuration interface may include a first plug-in selection area corresponding to the first pricing type and a second plug-in selection area corresponding to the second pricing type. In this case, a specific process of configuring, by the first terminal device, a first pricing plug-in corresponding to the first pricing type and a second pricing plug-in corresponding to the second pricing type may be described as: displaying, by the first terminal device in response to a trigger operation on a first plug-in selection area, a first menu page associated with the first pricing type, and displaying the first pricing plug-in on the first menu page. In this embodiment of the disclosure, the first pricing plug-in corresponding to the first pricing type may be displayed in the first plug-in selection area by using the first terminal device in response to a configuration selection operation on the first pricing plug-in. In addition, in this embodiment of the disclosure, the first terminal device may alternatively display, in response to a trigger operation on a second plug-in selection area, a second menu page associated with the second pricing type, and display the second pricing plug-in on the second menu page. Then, in this embodiment of the disclosure, the first terminal device may display, in the second plug-in selection area in response to a configuration selection operation on the second pricing plug-in, the second pricing plug-in corresponding to the second pricing type.

**[0080]** For ease of understanding, referring to FIG. 4, FIG. 4 is a schematic diagram of a scenario of configuring a first pricing plug-in and a second pricing plug-in on a plug-in configuration interface according to an embodiment of the disclosure. A user U1 shown in FIG. 4 is the first service object, for example, a trader performing chain management and plug-in configuration in this embodiment of the disclosure. The terminal device 2a shown in FIG. 2 is a first terminal device.

**[0081]** In this embodiment of the disclosure, when the user U1 performs, on the pricing

chain management interface (for example, the pricing chain management interface 20a shown in FIG. 2), a trigger operation on an arrangement button (that is, a plug-in configuration control) on the pricing chain management interface (for example, the pricing chain management interface 20a shown in FIG. 2), for example, may specifically perform a trigger operation on an arrangement button (that is, the initial list bar) displayed in an initial list bar (a list bar of chain attribute content associated with the initial pricing chain), the terminal device 2a may request, from the server, a pricing configuration interface (for example, a plug-in configuration interface 40a shown in FIG. 4) used for plug-in configuration. Therefore, the plug-in configuration interface 40a may be displayed on a first client (the first client herein may be a financial payment client or a browser application configured to perform chain management and plug-in configuration) that runs in the terminal device 2a.

**[0082]** As shown in FIG. 4, the plug-in configuration interface 40a displayed on the terminal device 2a (that is, the first terminal device) includes a first plug-in selection area (for example, a plug-in selection area 4a shown in FIG. 2) corresponding to the first pricing type (for example, the LPA type shown in FIG. 2) and a second plug-in selection area (for example, a plug-in selection area 4b shown in FIG. 2) corresponding to the second pricing type (for example, the LPA type shown in FIG. 2). The user U1 (that is, the first service object) may trigger the first plug-in selection area (for example, the plug-in selection area 4a shown in FIG. 2), to perform plug-in configuration on a pricing plug-in corresponding to the LPA type. For example, as shown in FIG. 4, when the user U1 triggers the plug-in selection area 4a, a menu page 41a (that is, a first menu page) shown in FIG. 4 may pop up on the plug-in configuration interface 40a, and multiple pricing plug-ins (for example, n LPA pricing plug-ins shown in FIG. 4, where the n LPA pricing plug-ins may be an LPA_L1 plug-in, an LPA_L2 plug-in, …, and an LPA_Ln plug-in shown in FIG. 4) associated with the first pricing type are displayed on the menu page 41a (that is, the first menu page). The user U1 may select an LPA pricing plug-in (for example, the LPA_L1 plug-in shown in FIG. 4) from multiple LPA pricing plug-ins in the menu page 41a (that is, the first menu page) as the first pricing plug-in corresponding to the first pricing type.

**[0083]** Similarly, as shown in FIG. 4, the user U1 (that is, the first service object) may trigger the second plug-in selection area (for example, the plug-in selection area 4b shown in FIG. 2), to perform plug-in configuration on a pricing plug-in corresponding to the IPA type. For example, as shown in FIG. 4, when the user U1 triggers the plug-in selection area 4b, a menu page 42a (that is, a second menu page) shown in FIG. 4 may pop up on the plug-in configuration interface 40a, and multiple pricing plug-ins (for example, multiple IPA pricing plug-ins shown in FIG. 4, where the multiple IPA pricing plug-ins may be an IPA_AAA plug-in, an IPA_BBB plug-

in, …, and an IPA_DDD plug-in shown in FIG. 4) associated with the second pricing type are displayed on the menu page 42a (that is, the second menu page). The user U1 may select an IPA pricing plug-in (for example, the IPA_AAA plug-in shown in FIG. 4) from multiple IPA pricing plug-ins in the menu page 42a (that is, the second menu page) as the second pricing plug-in corresponding to the second pricing type.

**[0084]** In this embodiment of the disclosure, the user U1 may configure one or more IPA plug-ins for the initial pricing chain by using a plug-in addition control (for example, a "+" button shown in FIG. 4). The multiple IPA plug-ins herein are pricing plug-ins that may be connected in series. Therefore, for ease of distinguishing, in this embodiment of the disclosure, a second pricing type of the first IPA plug-in displayed on the plug-in configuration interface (for example, the display interface 40a shown in FIG. 4) by default may be displayed as an IPA1 type for distinguishing. By analogy, a second pricing type of another IPA plug-in (that is, an IPA plug-in next to the first IPA plug-in) newly added by clicking on the plug-in addition control may be displayed as an IPA2 type for distinguishing. Similarly, a second pricing type of another IPA plug-in newly added by clicking on the plug-in addition control (for example, the "+" button shown in FIG. 4) again may be displayed as an IPA3 type for distinguishing.

**[0085]** As shown in FIG. 4, when the user U1 configures a first pricing plug-in (for example, the LPA_L1 plug-in) and a second pricing plug-in (for example, the IPA_AAA plug-in) on the plug-in configuration interface 40a, a plug-in confirmation control (that is, a confirmation button shown in FIG. 4) on the plug-in configuration interface 40a may be further triggered, so that the terminal device 2a (that is, the first terminal device) may further perform the following operation S103, to send a plug-in configuration request for the first pricing plug-in (for example, the LPA_L1 plug-in) and the second pricing plug-in (for example, the IPA_AAA plug-in) to the server.

**[0086]** Operation S103: Send, by using the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server.

**[0087]** In this embodiment of the disclosure, the first terminal device may obtain a pricing priority of the first pricing type relative to the second pricing type in response to a plug-in confirmation operation on the first pricing plug-in and the second pricing plug-in, and the first terminal device may determine an arrangement display sequence of the second pricing plug-in relative to the first pricing plug-in based on the pricing priority. There is an inverse proportional relationship between the pricing priority and the arrangement display sequence. In addition, in this embodiment of the disclosure, the first terminal device may generate, based on the arrangement

display sequence and the service pricing plug-in used as the chain header, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in, and send the plug-in configuration request to the server.

**[0088]** In this embodiment of the disclosure, the first terminal device may determine, based on a pricing priority of the first pricing type (for example, the LPA type) and a pricing priority of the second pricing type (for example, the IPA type), that an arrangement display sequence of the first pricing type is later than an arrangement display sequence of the second pricing type. In addition, because the service pricing plug-in is the chain header of the initial pricing chain, the first terminal device may further determine, based on a pricing priority of a service pricing type (for example, the EPA type) corresponding to the service pricing plug-in and a pricing priority of the second pricing type (for example, the IPA type) corresponding to the second pricing plug-in, that the arrangement display sequence of the second pricing type is later than an arrangement display sequence of the service pricing type.

**[0089]** In this embodiment of the disclosure, an arrangement display sequence of a pricing plug-in whose pricing priority is higher than a preset priority threshold is far away from the chain header of the pricing chain, that is, the arrangement display sequence of the pricing plug-in whose pricing priority is higher is farther from the chain header of the pricing chain, for example, closer to the chain tail of the pricing chain. On the contrary, an arrangement display sequence of a pricing plug-in whose pricing priority is lower than a preset priority threshold is closer to the chain header of the pricing chain, that is, the arrangement display sequence of the pricing plug-in whose pricing priority is lower is closer to the chain header of the pricing chain, for example, is farther from the chain tail of the pricing chain. In other words, there is an inverse proportional relationship between the pricing priority and the arrangement display sequence herein (that is, there is an operation inverse relationship).

**[0090]** Based on this, when a pricing priority of a chain header (that is, a service pricing plug-in) of a pricing chain is lower than a pricing priority of the second pricing plug-in of the second pricing type, and the pricing priority of the second pricing plug-in is lower than a pricing priority of the first pricing plug-in of a first pricing type, the first terminal device may determine that an arrangement display sequence of the service pricing plug-in is earlier than an arrangement display sequence of the second pricing plug-in, and the arrangement display sequence of the second pricing plug-in is earlier than an arrangement display sequence of the first pricing plug-in. Therefore, before transmitting the plug-in configuration request to the server, the first terminal device adds a first relative display sequence of the second pricing plug-in relative to the service

pricing plug-in and a second relative display sequence of the first pricing plug-in relative to the second pricing plug-in to the plug-in configuration request. In this way, after receiving the plug-in configuration request, the server may further perform operation S104.

**[0091]** Operation S104: Obtain an arrangement display sequence associated with the chain header from the plug-in configuration request by using the server, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header.

**[0092]** In this embodiment of the disclosure, the arrangement display sequence associated with the chain header may be obtained from the plug-in configuration request by using the server, where the arrangement display sequence includes a first relative display sequence of the second pricing plug-in relative to the service pricing plug-in and a second relative display sequence of the first pricing plug-in relative to the second pricing plug-in. In this embodiment of the disclosure, when adding, based on the first relative display sequence and the second relative display sequence, the second pricing plug-in and the first pricing plug-in to the initial pricing chain carrying the service pricing plug-in, the server may determine the initial pricing chain to which the second pricing plug-in and the first pricing plug-in are added as a to-be-approved pricing chain. Then, in this embodiment of the disclosure, the server may send the to-be-approved pricing chain to an approving terminal corresponding to an approving object; where the approving terminal is configured to perform chain approval on the to-be-approved pricing chain, and generate, when the chain approval succeeds, approval success notification information that is about the to-be-approved pricing chain and that is to be returned to the server. Finally, in this embodiment of the disclosure, the server may receive the approval success notification information returned by the approving terminal, and use, based on the approval success notification information, the to-be-approved pricing chain as the target pricing chain having a chain valid status.

**[0093]** In this embodiment of the disclosure, when using, as the target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header, the server may further generate chain details for viewing the target pricing chain, and may further add the target pricing chain and the target chain details of the target pricing chain to the service database. In this way, when subsequently performing chain binding for a merchant in a corresponding pricing scenario (that is, a target pricing scenario) by using a second terminal device, the service staff (that is, a second service object, for example, the user U2 shown in FIG. 2) may first obtain, from the server (for example, a

service database in the server), a target pricing scenario matching the pricing scenario requested by the merchant, and may further obtain a chain identifier (that is, a target chain identifier) of a target pricing chain that is pre-created by a trader (that is, the first service object) and that matches a service type (that is, a target service type) of the target pricing scenario, so that the following operation S105 may be further performed subsequently.

**[0094]** Operation S105: Display a target object identifier of a target object on a pricing chain binding interface by using a second terminal device, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier.

**[0095]** In this embodiment of the disclosure, the second terminal device may display subscription data information for the target service that is submitted by the target object. The subscription data information herein includes at least a target object identifier of the target object. In this embodiment of the disclosure, the second terminal device may display, in response to a trigger operation on the target object identifier, a pricing chain binding interface used for chain binding of the target object, and display the target object identifier on the pricing chain binding interface. Then, in this embodiment of the disclosure, when the target chain identifier of the target pricing chain and the target pricing scenario of the target service type are obtained from the server by using the second terminal device, the binding configuration relationship between the target object and the target pricing chain is further determined based on the target pricing scenario, the target chain identifier, and the target object identifier.

**[0096]** In this embodiment of the disclosure, a specific process of determining the binding configuration relationship by using the second terminal device may be described as: in response to an association configuration operation on the target object identifier, the second terminal device may display the service binding data information on the pricing chain binding interface based on the target pricing scenario, the target chain identifier, and the target object identifier, and may further determine the binding configuration relationship between the target object and the target pricing chain based on the service binding data information, so that operation S106 may be further performed subsequently.

**[0097]** A specific process of displaying the service binding data information on the pricing chain binding interface by using the second terminal device may be described as: the second terminal device configures and displays, on the pricing chain binding interface in response to a

transaction resource configuration operation on the target object, the target transaction resource pair for which a transaction binding relationship is created with the target object identifier; where the transaction binding relationship is a binding relationship created for the target object to bind a target position set. Then, in this embodiment of the disclosure, the second terminal device may configure and display the target service scenario on the pricing chain binding interface in response to a scenario configuration operation on the target object. Meanwhile, in this embodiment of the disclosure, the second terminal device may configure and display, on the pricing chain binding interface in response to a chain binding operation on the target object, the target chain identifier for which a chain binding relationship is created with the target object identifier; where the chain binding relationship is used to indicate a binding relationship created for the target object identifier to bind the target pricing chain in the target service scenario.

**[0098]** For ease of understanding, further, referring to FIG. 5, FIG. 5 is a schematic diagram of a scenario of displaying service binding data information on a pricing chain binding interface according to an embodiment of the disclosure. The service staff (that is, a second service object, for example, the user U2 shown in FIG. 5) may obtain a merchant ID of each merchant (that is, each target object) that currently subscribes to onboard the pricing service system, and the obtained merchant ID of each merchant may be used as a target object identifier of the target object, and displayed on the pricing chain binding interface shown in FIG. 5. In this embodiment of the disclosure, the service pricing system may include a reconstructed new client pricing system (that is, the PAMAS system), a merchant system, and a transaction payment system. The system display page accessed by the trader (that is, the first service object) by using the PAMAS system is the PAMAS homepage. A display page (that is, another system display page) accessed by the service staff (that is, the second service object) by using a merchant system associated with the PAMAS system is a subscription display interface (for example, the BOSS page). Similarly, a display page accessed by a merchant (that is, the target object) by using a transaction payment system is a pricing display interface, and pricing information provided by the client pricing system may be displayed on the pricing display interface for the merchant. The pricing information herein refers to target pricing information that is obtained after the merchant sends a query request to the server and that is for performing resource exchange for a target resource pair in a transaction order.

**[0099]** In other words, in this embodiment of the disclosure, when the second service object (for example, the service staff) is a service object having chain binding permission in the pricing service system, once the second service object successfully accesses the subscription display interface (for example, the BOSS page) by using the chain binding permission, the subscription data information for the target service (for example, the social payment service and the e-commerce

payment service) submitted by one or more target objects that currently subscribe to onboard the merchant system may be displayed on the subscription display interface (for example, the BOSS page). In this case, the subscription data information includes at least the target object identifier (for example, a field value of a merchant ID field shown in FIG. 5, for example, the merchant ID shown in FIG. 5 is 500002 and the merchant ID shown in FIG. 5 is 500001) of the target object.

**[00100]** When multiple merchants are displayed on the subscription display interface (for example, the BOSS page), the second service object (for example, the service staff) may select, in batches by using a batch operation, multiple merchants that require chain binding. In this way, different pricing chains may be differentially bound with different pricing scenarios of different merchants on the pricing chain binding interface shown in FIG. 5. Alternatively, in response to a trigger operation on a target object identifier (for example, the merchant ID 500002 shown in FIG. 5), the second service object (for example, the service staff) may jump to display the pricing chain binding interface shown in FIG. 5, and may newly add two rows of list bars to the chain binding configuration table on the pricing chain binding interface based on a pricing scenario (for example, the ordinary payment reception scenario and the quick payment reception scenario shown in FIG. 5) subscribed to by the merchant whose merchant ID is 500002. In this way, in a chain binding process on the pricing chain binding interface, the user U2 (that is, the service staff) may flexibly bind different pricing chains according to different pricing scenarios of the same merchant.

**[00101]** For example, in this embodiment of the disclosure, the target object identifier (for example, 500002) of the target object triggered by the user U2 on the subscription display interface may be automatically displayed in a chain binding configuration table of the pricing chain binding interface, so that the second service object (for example, the service staff) may configure a field value of another binding key field (for example, a buy resource field, a sell resource field, a pricing scenario field, or a bound pricing chain field) for the target object identifier (for example, a field value of a merchant ID field) on the pricing chain binding interface. For example, based on a field value of another binding key field obtained by the terminal device 2b in advance from the server, the user U2 may quickly trigger an area in the chain binding configuration table shown in FIG. 5, to adaptively display field values of one or more corresponding binding key fields that may be selected by the user U2. For example, in this embodiment of the disclosure, a field value of a corresponding binding key field associated with each triggerable area may alternatively be displayed in a form of a menu bar. In this way, when the user U2 selects a field value of a binding key field in a menu bar corresponding to a corresponding triggerable area, the field value of the binding key field selected by the user U2 may be displayed in the triggerable area. In other words, in this embodiment of the disclosure, the second service object may effectively and conveniently

enter a field value of each binding key field on the terminal device 2b (that is, the second terminal device) for a triggerable area in each row of list bar newly added in the chain binding configuration table.

**[00102]** In this embodiment of the disclosure, field values configured by the second service object for all binding key fields (for example, a merchant ID field, a buy resource field, a sell resource field, a pricing scenario field, and a bound pricing chain field shown in FIG. 5) in the chain binding configuration table may be collectively referred to as service binding data information shown in FIG. 5.

**[00103]** In other words, in this embodiment of the disclosure, the second service object may perform scenario configuration on a pricing scenario of the target object, to enter and display a field value of a pricing scenario field (for example, ordinary payment reception and quick payment reception shown in FIG. 5) on the pricing chain binding interface. In addition, as shown in FIG. 5, the second service object may also perform resource configuration on a transaction resource (for example, a buy resource and a sell resource) of the target object, to enter and display a target transaction resource pair on the pricing chain binding interface, for example, a field value (for example, HKD shown in FIG. 5) of a buy resource field shown in FIG. 5 and a field value (for example, CNH shown in FIG. 5) of a sell resource field.

**[00104]** Similarly, as shown in FIG. 5, the second service object may perform chain configuration on a to-be-bound pricing chain of the target object, to enter and display a field value of a bound pricing chain field on the pricing chain binding interface (for example, a pricing chain that is self-defined as Pipeline_TOB1 and that is bound for the ordinary payment reception scenario and a pricing chain that is self-defined as Pipeline_TOB2 and that is bound for the quick payment reception scenario shown in FIG. 5).

**[00105]** After configuring, in the pricing chain binding interface, field values of several binding key fields (for example, 5 binding key fields) displayed in the chain binding configuration list, the service staff may further declare, by using the configured field values of the 5 binding key fields, a chain binding relationship between a merchant corresponding to a corresponding merchant ID and a bound pricing chain and a transaction binding relationship between the merchant corresponding to the corresponding merchant ID and a target resource pair that the target position set is bound with.

**[00106]** For example, as shown in FIG. 5, a merchant ID (for example, 500001) indicates a TOC service (for example, the e-commerce payment service). Therefore, in this embodiment of the disclosure, different pricing chains may be bound with different pricing scenarios of the TOC

service (for example, the e-commerce payment service), to provide different pricing information for merchants/clients (for example, a VIP user and an ordinary user of the merchant) in corresponding pricing scenarios by using different pricing chains.

**[00107]** In addition, as shown in FIG. 5, the merchant ID (for example, 500002) indicates a TOB service (for example, a social payment service). Therefore, in this embodiment of the disclosure, different pricing may be provided for different pricing scenarios (for example, the ordinary payment reception scenario and the quick payment reception scenario of a third-party institution) by using the TOB service (for example, the social payment service). In this embodiment of the disclosure, in a process of configuring field values of these binding key fields, the service staff may determine, according to whether field values of the several binding key fields may be entered, whether chain management configuration of a corresponding pricing chain is completed, for example, whether a pricing chain needing to be bound exists. If yes, it indicates that chain management configuration is completed, and chain binding may be currently performed.

**[00108]** After the second service object (for example, the user U2) configures the service binding information shown in FIG. 5 on the pricing chain binding interface, the second service object (for example, the user U2) may further trigger a confirmation button (that is, a configuration confirmation control) displayed on the pricing chain binding interface, so that the second terminal device may further perform the following operation S106, to send the binding configuration relationship determined based on the service binding data information to the server.

**[00109]** Operation S106: Send the binding configuration relationship to the server by using the second terminal device.

**[00110]** Operation S107: Generate, by using the server and when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[00111]** In this embodiment of the disclosure, after the user U2 (that is, the second service object, for example, the service staff) establishes the chain mapping relationship between the target object and the target pricing chain on the pricing chain binding interface by using the second terminal device, the server may perform compliance check on the chain mapping relationship (that is, the binding configuration relationship) created on the second terminal device. Further, when the compliance check succeeds, the server may add the compliant binding mapping relationship (that is, the binding configuration relationship) to the service database, so that the service database may

update, according to the received binding mapping relationship (that is, the binding configuration relationship), each mapping relationship table stored in the service database.

**[00112]** In another implementable manner, in this embodiment of the disclosure, the server may construct a pricing routing mapping table (for example, a pricing routing mapping table 6a shown in FIG. 6) storing chain binding relationships, and then the pricing routing mapping table may be updated and stored in the service database.

**[00113]** For ease of understanding, referring to FIG. 6, FIG. 6 is a schematic diagram of a pricing routing mapping table according to an embodiment of the disclosure. As shown in FIG. 6, the user U1 configures a target pricing chain, and binds a target object (for example, an object 61a and an object 62a shown in FIG. 6) in the target service scenario with a pricing chain 63a based on the target service scenario of the target service type. Then, the user U1 (that is, the first service object, for example, a trader) may obtain, on a system display interface (that is, the PAMAS homepage) from the service database associated with the server, the pricing routing mapping table (for example, the pricing routing mapping table 6a shown in FIG. 6) in which chain binding relationships are currently stored, to view each pricing chain with which a chain binding relationship has currently been created by the user U2 (that is, the second service object, for example, a trader) with a corresponding pricing scenario.

**[00114]** For example, when the user U1 (that is, the first service object) performs a trigger operation on a pricing routing viewing control on the system display interface, the first terminal device may obtain, from the server in response to a trigger operation (that is, the first viewing operation) on the pricing routing viewing control, the pricing routing mapping table 6a used to store different binding mapping relationships. In this way, when the server returns the pricing routing mapping table 6a to the first terminal device, the pricing routing mapping table 6a may be displayed on the first terminal device. As shown in FIG. 6, the pricing routing mapping table 6a stores the same pricing chain (that is, the target pricing chain, for example, a pricing chain 63a shown in FIG. 6) bound with different target objects (for example, the object 61a and the object 62a shown in FIG. 6) in the same pricing scenario.

**[00115]** In this embodiment of the disclosure, when the pricing service system provides client pricing for a target object (for example, the object 61a) through the pricing chain 63a (that is, the target pricing chain), a client pricing viewing control displayed on the system display interface may be used to view, on the client pricing interface, pricing information provided by each pricing plug-in in the pricing chain 63a (that is, the target pricing chain).

**[00116]** For example, in this embodiment of the disclosure, the pricing information (that is,

final target client pricing) provided for the target object by using the service pricing plug-in in the pricing chain 63a (that is, the target pricing chain) may be displayed on the client pricing interface.

**[00117]** In another implementable manner, in this embodiment of the disclosure, pricing information provided by other pricing plug-ins (for example, the first pricing plug-in and the second pricing plug-in) in the pricing chain 63a (that is, the target pricing chain) may also be displayed on the client pricing interface. For example, output pricing information of the first pricing plug-in and output pricing information of the second pricing plug-in may be displayed.

**[00118]** In still another implementable manner, in this embodiment of the disclosure, input pricing information of the first pricing plug-in and input pricing information of the second pricing plug-in may also be displayed on the client pricing interface. Alternatively, in this embodiment of the disclosure, a pricing information floating threshold of a single PA or an accumulated pricing information floating threshold of multiple PAs connected in series may be displayed on the client pricing interface. For example, for a configuration review policy corresponding to each PA (that is, each pricing plug-in) in a pricing chain, it may be required, according to an actual requirement, that a pricing information floating threshold of a single PA does not exceed 1% of input pricing information of the single PA. In addition, because one pricing chain includes multiple PAs connected in series, for a configuration review policy corresponding to the pricing chain, it may be further required, according to an actual requirement, that an accumulated pricing information floating threshold of the multiple PAs connected in series does not exceed 5% of chain input pricing information of the entire pricing chain.

**[00119]** For ease of understanding, referring to FIG. 7, FIG. 7 is a schematic diagram of a scenario of configuring different pricing chains for different clients based on a pricing scenario in a service pricing system according to an embodiment of the disclosure. The multiple clients shown in FIG. 7 are target objects that have currently subscribed to onboard the merchant system. The multiple clients herein specifically include a client 1, a client 2, a client 3, a client 4, a client 5, …, and a client n.

**[00120]** As shown in FIG. 7, pricing chains bound by the service staff (for example, the user U2) with these clients include a pricing chain L1, a pricing chain L2, and a pricing chain Lx shown in FIG. 7. As shown in FIG. 7, one pricing scenario herein corresponds to one pricing chain. For example, a pricing scenario corresponding to the pricing chain L1 is a pricing scenario V1. Because target objects in the pricing scenario V1 are the client 1, the client 2, and the client 3 shown in FIG. 7, in this embodiment of the disclosure, the same pricing chain may be bound with different clients in the same pricing scenario. For another example, the client 4 and the client 5 in the pricing

scenario V2 are bound with the pricing chain L3 shown in FIG. 7, and the client n in the pricing scenario Vx is bound with the pricing chain Lx shown in FIG. 7.

**[00121]** In this way, when there are more clients (that is, the merchants) onboarding the merchant system, the service staff may also flexibly bind corresponding pricing chains with these clients based on pricing scenarios of these clients.

**[00122]** In the service pricing system shown in FIG. 7, for a pricing chain L1, multiple pricing plug-ins deployed on the pricing chain L1 include an EPA_WeChat plug-in, an IPA pricing plug-in (for example, the IPA_BBB plug-in shown in FIG. 7) arranged after the EPA_WeChat plug-in, another IPA pricing plug-in (for example, the IPA_AAA plug-in shown in FIG. 7) arranged after the IPA_BBB plug-in, and an LPA plug-in (for example, the LPA_WeChat shown in FIG. 7) arranged after the another IPA pricing plug-in (for example, the IPA_AAA plug-in shown in FIG. 7).

**[00123]** In addition, as shown in FIG. 7, for different pricing chains (for example, a pricing chain L2 and a pricing chain Lx), the same pricing plug-in may be reused in a process of constructing a pricing chain. For example, the IPA_DDD plug-in and LPA_toB shown in FIG. 7 may be adapted to different pricing chains. In this way, flexibility of plug-in configuration may be improved in a process of constructing a pricing chain.

**[00124]** As can be seen, in the embodiments of the disclosure, pricing plug-ins of different pricing types used for managing and configuring the initial pricing chain may be flexibly selected on the plug-in configuration interface in a plug-in form, thereby improving the flexibility of managing and configuring the pricing plug-ins (for example, the first pricing plug-in and the second pricing plug-in) in the pricing chain. For example, in this embodiment of the disclosure, a currently reusable pricing plug-in (that is, a pricing plug-in currently having plug-in validity) may be flexibly selected on the plug-in configuration interface for the target service type of the target service in advance, and then the selected pricing plug-in may be flexibly added after the chain header (that is, the service pricing plug-in) of the initial pricing chain based on arrangement display sequences of the first pricing type and the second pricing type, to construct the target pricing chain corresponding to the target service type. In addition, in this embodiment of the disclosure, according to a specific pricing scenario (that is, a target pricing scenario, for example, an ordinary user scenario) of a merchant (for example, a target object), a service type of the target pricing scenario may be further quickly determined. Further, when the service type of the target pricing scenario is the target service type, a target pricing chain that is generated in advance in a plug-in manner and that corresponds to the target service type may be quickly indexed, so that in a process of providing pricing information

for the merchant (that is, the target object) through the target pricing chain, the merchant (that is, the target object) is removed from the client pricing system of the target pricing chain. This means that in this embodiment of the disclosure, when chain binding of the pricing chain is performed by using the target pricing scenario as a granularity, the binding configuration flexibility of the pricing chain can be improved.

**[00125]** An example of an application scenario of the pricing chain processing method provided in the embodiments of the disclosure is described below. An application scenario of the pricing chain processing method provided in this embodiment of the disclosure may be generalized as a customized intelligent pricing system. The core of the intelligent pricing system is implementing precise and differentiated pricing of different services, merchants, and scenarios through a plug-in and programmable pricing chain. The pricing chain processing method may be applied to at least the following exemplary scenarios: hierarchical pricing of VIP/ordinary users of cross-border e-commerce, hierarchical pricing of institution clients of a social payment institution, tiered pricing of trade, localized compliance pricing of multiple nations, and the like.

**[00126]** In the scenario of hierarchical pricing of VIP/ordinary users of cross-border e-commerce, a service type may be TOC e-commerce payment, and the pricing scenario may be, for example, CNH/HKD exchange of an e-commerce platform of a nation. Therefore, the pricing chain processing method provided in this embodiment of the disclosure may be used for VIP users, to bind a target pricing chain in a quick payment reception scenario. The pricing chain processing method provided in this embodiment of the disclosure may be used for ordinary users, to bind a target pricing chain in an ordinary payment reception scenario. During implementation, a trader (by using the first terminal device) may configure a chain plug-in combination, and the service staff (by using the second terminal device) separately binds a VIP/ordinary user scenario of a merchant ID with a corresponding pricing chain.

**[00127]** In the scenario of hierarchical pricing of institution clients of a social payment institution, a service type may be TOB social payment, and the pricing scenario may be batch payment of a third-party institution. The pricing chain processing method provided in this embodiment of the disclosure may be used for large clients, to bind a target pricing chain in a quick payment reception scenario. The pricing chain processing method provided in this embodiment of the disclosure may be used for small and medium clients, to bind a target pricing chain in an ordinary payment reception scenario. The service staff may bind different pricing chains with multiple institution clients in batches by using a BOSS page (a subscription display interface).

**[00128]** In the scenario of tiered pricing of trade, a service type may be bulk trade payment, a

pricing scenario may be USD/CNH exchange of an iron ore importer, and a tiered rule may be triggering different pricing chains according to transaction amounts. Therefore, for trade payment with an amount ≥ 1 million, the pricing chain processing method provided in this embodiment of the disclosure may be used, to bind a target pricing chain. For trade payment with an amount < 1 million, the pricing chain processing method provided in this embodiment of the disclosure may be used, to bind a target pricing chain.

**[00129]** In the scenario of localized compliance pricing of multiple nations, a service type may be a globalized payment platform (TOB + TOC hybrid), a pricing scenario may be localized payment of multiple nations, and a compliance plug-in may be a compliance check plug-in of a particular nation added to a chain, to ensure that pricing meets a local regulatory requirement. In this way, during operation of the service staff, corresponding compliance target pricing chains may be bound with merchant IDs in different nations on the pricing chain binding interface.

**[00130]** Referring to FIG. 8, FIG. 8 is a schematic flowchart of another pricing chain processing method according to an embodiment of the disclosure. As shown in FIG. 8, the method is interactively performed by a first terminal device, a server, and a second terminal device. In this embodiment of the disclosure, the first terminal device may be a terminal device configured to perform chain management in the pricing service system. For example, the first terminal device may be the terminal device 2a in the embodiment corresponding to FIG. 2. The second terminal device may be a terminal device configured to perform chain binding in the pricing service system. For example, the second terminal device may be the terminal device 2b in the embodiment corresponding to FIG. 2. The server may be a background service device that cooperatively participates in chain management and chain binding in the pricing service system. For example, the server herein may be the server 100a in the embodiment corresponding to FIG. 2. As shown in FIG. 3, the method includes at least the following operations S201 to S219:

**[00131]** Operation S201: Obtain, by using the first terminal device, key field content entered by a first service object on a chain creation interface, and obtain auxiliary field content associated with the key field content; and add the key field content and the auxiliary field content to a chain creation request.

**[00132]** Herein, the chain attribute content includes at least a target service type of the target service. In this embodiment of the disclosure, the first terminal device may display a pricing chain management interface; where the pricing chain management interface includes a chain creation control. Then, the first terminal device may display, in response to a creation operation on the chain creation control, a chain creation interface for creating the initial pricing chain, and display a chain

key field on the chain creation interface. Then, in this embodiment of the disclosure, the first terminal device may display the key field content in an entry display area of the chain key field in response to an entry operation performed by the first service object on the entry display area of the chain key field. Finally, in this embodiment of the disclosure, the first terminal device may obtain the key field content in response to a content confirmation operation performed on the key field content, and obtain the auxiliary field content generated by the first terminal device based on a chain auxiliary field; and generate, based on the key field content and the auxiliary field content, the chain creation request to be transmitted to the server.

**[00133]** For ease of understanding, referring to FIG. 9, FIG. 9 is a schematic diagram of a scenario of entering key field content on a chain creation interface according to an embodiment of the disclosure. As shown in FIG. 9, "create (button)" displayed on the pricing chain management interface is a chain creation control configured to create a chain. The pricing chain management interface shown in FIG. 9 may include multiple display areas. The multiple display areas herein may include at least a screening display area for chain screening and a form display area. The chain creation control is displayed in the screening display area; and a chain management list for centralized chain management is displayed in the form display area. In this case, the chain management list includes chain attribute content of a currently created pricing chain (for example, the pricing chain 2a' shown in FIG. 2) corresponding to the chain name A1. In this case, chain details of the pricing chain 2a' are chain connection of the pricing chain 2a' displayed in a form of a hyperlink. By triggering the chain connection of the pricing chain 2a', the user U1 shown in FIG. 9 may also see the multiple pricing plug-ins used for constructing the pricing chain 2a' shown in FIG. 2.

**[00134]** A "query button" in a screening display area may be used for helping the user U1 display, in the form display area according to a screening search word (for example, a user-defined name of at least one of a service type of a corresponding service and a corresponding pricing chain), a found chain screening form matching the screening search word, and further may display, in the chain screening form, chain attribute content of one or more pricing chains matching the screening search word. Pricing chains displayed in the chain screening form are sorted according to field values of user-defined name fields (for example, user-defined names of pricing chains). In an implementable manner, the sorting herein may include, but is not limited to, sorting in an ascending order of letters in the user-defined names. The "create button" in the screening display area may be configured to instruct to newly add a row of list bar in the form display area after the user U1 triggers the button, to store information about a newly created pricing chain (for example, chain attribute content associated with the initial pricing chain). For ease of understanding, in this

embodiment of the disclosure, a pricing chain (for example, the pricing chain 2a' shown in FIG. 2) constructed at a moment T2 and having a chain name A1 may be collectively referred to as a history pricing chain, and pricing chains newly constructed at a moment (for example, T3) after the moment T2 may be collectively referred to as the initial pricing chain.

**[00135]** The chain attribute content may specifically include multiple pieces of key field content entered by the user U1 for multiple chain key fields (for example, a user-defined name field, a service type field, and a description field) on the chain creation interface. The multiple pieces of key field content herein may include, but is not limited to, a field value (for example, a chain name A2 shown in FIG. 9) of a user-defined name field associated with the initial pricing chain, a field value (for example, a service type B2 shown in FIG. 9) of a service type field associated with the initial pricing chain, and a field value (for example, description information C2 shown in FIG. 9) of a description field associated with the initial pricing chain.

**[00136]** For ease of understanding, after creating the pricing chain 2a' for a service type (for example, the service type B1) of a service, a trader (for example, the user U1 shown in FIG. 9) may create another pricing chain for a service type (for example, the service type B2 shown in FIG. 9) of another service. For example, as shown in FIG. 9, when a trader (for example, the user U1 shown in FIG. 9) may perform a trigger operation (for example, a clicking operation) on the chain creation control (for example, the "create button" shown in FIG. 9), the first terminal device may display, in response to the clicking operation performed on the chain creation control (for example, the "create button" shown in FIG. 9), a chain creation interface for creating the initial pricing chain, and may further display chain key fields (for example, a user-defined name field, a service type field, and a description field) shown in FIG. 9 on the display interface.

**[00137]** in this embodiment of the disclosure, each chain key field (for example, a user-defined name field, a service type field, and a description field) displayed on the chain creation interface is the same as each list key field in the chain management list displayed in the form display area shown in FIG. 9. For example, as shown in FIG. 9, the user U1 may enter corresponding field content into an entry display area of each chain key field, and then the field content entered into the entry display area of each chain key field may be collectively referred to as key field content.

**[00138]** As shown in FIG. 9, when the chain key field is a user-defined name field, key field content displayed in the entry display area corresponding to the user-defined name field may be a chain name A2 shown in FIG. 9. Similarly, as shown in FIG. 9, when the chain key field is a service type field, key field content displayed in the entry display area corresponding to the service type

field may be a service type B2 shown in FIG. 9. By analogy, as shown in FIG. 9, when the chain key field is a description field, key field content displayed in the entry display area corresponding to the description field may be description information C2 shown in FIG. 9.

**[00139]** As shown in FIG. 9, when the user U1 has entered corresponding key field content into the entry display area of the chain key fields, the user U1 may further perform a trigger operation on a creation confirmation control on the chain creation interface, so that the first terminal device may display, on the pricing chain management interface in response to a content confirmation operation on the key field content, the key field content entered by the user U1.

**[00140]** In addition, as shown in FIG. 9, when displaying the key field content on the pricing chain management interface, the first terminal device may also display auxiliary field content associated with the initial pricing chain (that is, the pricing chain currently created for the service type B2). When the user U1 creates the initial pricing chain through data interaction with the server, an initial list bar used for presenting chain attribute content associated with the initial pricing chain may be newly created in the chain management list. In this case, auxiliary field content displayed in the initial list bar may include chain creation record information and chain modification record information. The chain creation record information refers to data information that is recorded by the first terminal device and that is for creating the initial pricing chain (for example, a field value of a creator field and a field value of a creation time field shown in FIG. 9). The chain modification record information refers to data information that is recorded by the first terminal device and that is for modifying the initial pricing chain (for example, a field value of a modifier field and a field value of a modification time field shown in FIG. 9).

**[00141]** As shown in FIG. 9, before the user U1 configures a plug-in for the initial pricing chain, the chain modification record information keeps consistency with the chain creation record information in the auxiliary field content. That is, in this case, the modifier in the chain modification record information displayed in the chain management list is the creator (for example, the user U1 shown in FIG. 9) in the chain creation record information, and the modification time in the chain modification record information is the creation time (for example, T3 shown in FIG. 9) in the chain creation record information.

**[00142]** Before the initial pricing chain has chain validity, the first terminal device may display a field value of the chain detail field of the auxiliary field content in the form display area as a null value or does not display the field value of the chain detail field.

**[00143]** Any modification operation performed on the initial pricing chain or the target pricing chain updates information of the chain creation record information of the auxiliary field

content. For example, a modification time and a modifier of the initial pricing chain may be updated in the chain creation record information of the auxiliary field content shown in FIG. 9. After the user U1 configures the plug-in for the initial pricing chain, the chain modification record information in the auxiliary field content may be different from the chain creation record information. For details, refer to the description of the chain attribute content of the target pricing chain recorded in the embodiment shown in FIG. 2.

**[00144]** In this embodiment of the disclosure, the first terminal device may further display an access display interface used for accessing a pricing service system. Then, in this embodiment of the disclosure, the first terminal device may enter access data information of the first service object on the access display interface; and display a system display interface of the pricing service system in response to a confirmation operation on the access data information; where the system display interface includes a first display area and a second display area. In addition, in this embodiment of the disclosure, the first terminal device may display the pricing chain management interface in the second display area in response to a management operation on a chain management control in the first display area, so that chain management may be subsequently performed on a corresponding pricing chain based on the chain management list on the pricing chain management interface.

**[00145]** Operation S202: Send the chain creation request to the server by using the first terminal device.

**[00146]** Operation S203: Use the key field content and the auxiliary field content that are carried in the chain creation request as the chain attribute content by using the server, and generate, based on the chain attribute content, the initial pricing chain with a chain header being a service pricing plug-in corresponding to the target service.

**[00147]** The initial pricing chain is generated by the server based on the chain attribute content; where the chain header of the initial pricing chain is the service pricing plug-in corresponding to the target service.

**[00148]** Operation S204: Return the chain attribute content associated with the initial pricing chain to the first terminal device by using the server.

**[00149]** Operation S205: Display the chain attribute content on a pricing chain management interface by using the first terminal device.

**[00150]** Operation S206: Display, by using the first terminal device, a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface.

**[00151]** Operation S207: Configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface.

**[00152]** Herein, the first pricing type is different from the second pricing type.

**[00153]** For specific implementations of operation S201 to operation S207, refer to the description of the specific process of constructing the target pricing chain based on the initial pricing chain in the embodiment corresponding to FIG. 3, and details are not described herein again.

**[00154]** Operation S208: Send, by using the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server.

**[00155]** Operation S209: Obtain an arrangement display sequence associated with the chain header from the plug-in configuration request by using the server, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header.

**[00156]** In this embodiment of the disclosure, the server obtains, from the plug-in configuration request, the arrangement display sequence associated with the chain header. The arrangement display sequence may include a first relative display sequence of the second pricing plug-in relative to the service pricing plug-in and a second relative display sequence of the first pricing plug-in relative to the second pricing plug-in. Then, in this embodiment of the disclosure, when adding, based on the first relative display sequence and the second relative display sequence, the second pricing plug-in and the first pricing plug-in to the initial pricing chain carrying the service pricing plug-in, the server may further determine the initial pricing chain to which the second pricing plug-in and the first pricing plug-in are added as a to-be-approved pricing chain. Then, in this embodiment of the disclosure, the server may send the to-be-approved pricing chain to an approving terminal corresponding to an approving object; where the approving terminal is configured to perform chain approval on the to-be-approved pricing chain, and generate, when the chain approval succeeds, approval success notification information that is about the to-be-approved pricing chain and that is to be returned to the server. Finally, in this embodiment of the disclosure, the server may receive the approval success notification information returned by the approving terminal, and use, based on the approval success notification information, the to-be-approved pricing chain as the target pricing chain having a chain valid status.

**[00157]** Operation S210: Generate, by using the server, chain details for viewing the target pricing chain, and add the target pricing chain and the target chain details of the target pricing chain to a service database.

**[00158]** Operation S211: Return the target chain details of the target pricing chain to the first terminal device by using the server.

**[00159]** Operation S212: Display, by using the first terminal device, the target chain details of the target pricing chain on the pricing chain management interface.

**[00160]** In this embodiment of the disclosure, the pricing chain management interface includes a form display area used for presenting chain attribute content of a pricing chain. In this case, when a target list bar corresponding to the target pricing chain is displayed in the form display area by using the first terminal device, the target chain details for querying for the target pricing chain may be further displayed in the target list bar; where a target display style of the target chain details in the target list bar is a hyperlink display style or a control display style.

**[00161]** In this embodiment of the disclosure, when the target list bar corresponding to the target pricing chain is displayed in the form display area by using the first terminal device, a history list bar corresponding to a history pricing chain may be further displayed; and history chain details for querying for the history pricing chain may be displayed in the history list bar. The history pricing chain is determined based on history chain attribute content presented on the history list bar, the history pricing chain is a pricing chain generated before the target pricing chain, and display sequences of the history list bar and the target list bar are determined by performing sorting processing on the history chain attribute content and the target chain attribute content.

**[00162]** In this embodiment of the disclosure, a specific process of displaying the target object identifier of the target object on the pricing chain binding interface by using the second terminal device may be described as the following operation S213 to operation S214:

**[00163]** Operation S213: Display, by using the second terminal device, subscription data information that is submitted by the target object for the target service.

**[00164]** Herein, the subscription data information includes at least a target object identifier of the target object.

**[00165]** Operation S214: Display, by using the second terminal device in response to a trigger operation on the target object identifier, a pricing chain binding interface for chain binding of the target object, and display the target object identifier on the pricing chain binding interface.

**[00166]** Operation S215: When a target chain identifier of the target pricing chain and a

target pricing scenario of the target service type are obtained from the server by using the second terminal device, determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier.

**[00167]** In this embodiment of the disclosure, when determining that the target pricing chain is a pricing chain having chain validity, the server may add the target pricing chain to the service database. For example, the server may store the target pricing chain by using the service database. In this way, when needing to bind a specific merchant (that is, a target object) that currently onboards the merchant system with a pricing chain by using the second terminal device, the service staff (that is, the second service object) may obtain in advance a target chain identifier of the target pricing chain and a target pricing scenario of a target service type from the server (which may be specifically, for example, a service database associated with the server). Then, the second terminal device may display, in response to an association configuration operation on the target object identifier, service binding data information on the pricing chain binding interface based on the target pricing scenario, the target chain identifier, and the target object identifier, and determine the binding configuration relationship between the target object and the target pricing chain based on the service binding data information.

**[00168]** The service binding data information includes the target object identifier, a target transaction resource pair associated with the target service, the target service scenario associated with the target service, and the target chain identifier. Therefore, in this embodiment of the disclosure, a specific process of displaying the service binding data information on the pricing chain binding interface by using the second terminal device may be described as: the second terminal device configures and displays, on the pricing chain binding interface in response to a transaction resource configuration operation on the target object, the target transaction resource pair for which a transaction binding relationship is created with the target object identifier; where the transaction binding relationship is a binding relationship created for the target object to bind a target position set. The second terminal device configures and displays the target service scenario on the pricing chain binding interface in response to a scenario configuration operation on the target object. The second terminal device configures and displays, on the pricing chain binding interface in response to a chain binding operation on the target object, the target chain identifier for which a chain binding relationship is created with the target object identifier; where the chain binding relationship is used to indicate a binding relationship created for the target object identifier to bind the target pricing chain in the target service scenario.

**[00169]** For a specific process of obtaining the binding configuration relationship based on the service binding data information by the second terminal device, refer to the description of the specific process of obtaining the binding configuration relationship in the embodiment corresponding to FIG. 5, and details are not described herein.

**[00170]** Operation S216: Send the binding configuration relationship to the server by using the second terminal device.

**[00171]** Operation S217: Generate, by using the server and when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[00172]** The configuration completion information includes first configuration completion information associated with the compliant configuration relationship, the binding configuration relationship includes a chain binding relationship and a transaction binding relationship, the chain binding relationship is used to indicate a binding relationship that is created for the target object identifier and that is used to bind the target pricing chain in the target service scenario, and the transaction binding relationship is a binding relationship that is created for the target object and that is used to bind a target position set. In this case, a specific process of generating the configuration completion information by using the server may be described as follows: in this embodiment of the disclosure, the server may receive the binding configuration relationship from the second terminal device; and obtain, based on the binding configuration relationship, the target object identifier, a target transaction resource pair, the target service scenario, and the target chain identifier from service binding data information submitted by the second terminal device. Then, in this embodiment of the disclosure, the server may perform a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result. In addition, in this embodiment of the disclosure, the server may perform a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result. Then, in this embodiment of the disclosure, the server may generate, when the first compliance check result indicates that the compliance check succeeds, pricing configuration completion information used for representing that the chain binding relationship is the compliant configuration relationship, and generate, when the second compliance check result indicates that the compliance check succeeds, first transaction

configuration completion information used for representing that the transaction binding relationship is the compliant configuration relationship. Finally, in this embodiment of the disclosure, the server may trigger generation of the first configuration completion information based on the pricing configuration completion information and the first transaction configuration completion information.

**[00173]** In this embodiment of the disclosure, the pricing chain binding interface may include a configuration confirmation control configured to perform information confirmation on the service binding data information. In this case, the second terminal device may generate an information configuration request for the service binding data information in response to a trigger operation on the configuration confirmation control on the pricing chain binding interface, and submit the information configuration request to the server. Then, when obtaining the service binding data information from the information configuration request, the server can perform compliance check on the target object corresponding to the target object identifier, the target transaction resource pair associated with the target service, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier in the service binding data information. When the compliance check succeeds, the server generates configuration completion information for representing that the binding configuration relationship of the target object is a compliant configuration relationship. Then, the second terminal device can receive the configuration completion information returned by the server and display the configuration completion information on the pricing chain binding interface.

**[00174]** In this embodiment of the disclosure, after the user U2 (that is, the second service object, for example, the service staff) establishes the binding configuration relationship between the target object and the target pricing chain on the pricing chain binding interface by using the second terminal device, the server may perform compliance check on the binding configuration relationship created in the second terminal device. Further, when the compliance check succeeds, the server may add a compliant binding configuration relationship to the service database, to obtain a pricing routing mapping table (for example, the pricing routing mapping table 6a shown in FIG. 6) in which the binding configuration relationships are stored, and return, to the second service object, configuration completion information used for representing that the binding configuration relationship is a compliant configuration relationship. As can be seen, in this embodiment of the disclosure, according to a specific pricing scenario (that is, a target pricing scenario, for example, an ordinary user scenario) of a merchant (for example, a target object), a service type of the target pricing scenario may be quickly determined, and further, when the service type of the target pricing scenario is the target service type, a target pricing chain that is generated in advance in a plug-in

manner and that corresponds to the target service type may be quickly indexed, so that in a process of providing the pricing information for the merchant (that is, the target object) through the target pricing chain, the merchant (that is, the target object) is removed from the client pricing system of the target pricing chain. This means that in this embodiment of the disclosure, when chain binding of the pricing chain is performed by using the target pricing scenario as a granularity, the binding configuration flexibility of the pricing chain can be improved.

**[00175]** In this embodiment of the disclosure, the server may alternatively receive the information configuration request that carries the service binding data information and that is sent by the second terminal device, and obtain the service binding data information from the information configuration request. The service binding data information herein is configured on the pricing chain binding interface according to the subscription data information submitted by the target object for the target service. The information configuration request herein may be generated by the second terminal device in response to a configuration confirmation operation on the service binding data information. The service binding data information may include a target object identifier of a target object, a target transaction resource pair associated with a target service, a target service scenario associated with the target service, and a target chain identifier of a target pricing chain. Then, the server may perform compliance check on the target object corresponding to the target object identifier, the target transaction resource pair, the target service scenario, and the target pricing chain corresponding to the target chain identifier, determine, when the compliance check succeeds, that the binding configuration relationship that is associated with the target object and that is obtained from the information configuration request is a compliant configuration relationship, and further generate configuration completion information when the binding configuration relationship is the compliant configuration relationship. Finally, the server may perform operation S218, to return the configuration completion information to the second terminal device.

**[00176]** Operation S218: Return the configuration completion information to the second terminal device by using the server.

**[00177]** In this embodiment of the disclosure, when receiving the configuration completion information returned by the server, the second terminal device may further display the configuration completion information through operation S219, so that the second service object may know, according to the configuration completion information, that chain binding between the target object and the target pricing chain is successfully performed currently.

**[00178]** Operation S219: Display the configuration completion information by using the second terminal device.

**[00179]** In this embodiment of the disclosure, the configuration completion information may include first configuration completion information associated with the compliant configuration relationship, the binding configuration relationship may include a chain binding relationship and a transaction binding relationship, and the transaction binding relationship is a binding relationship that is created for the target object and that is used to bind a target position set. In other words, the chain binding relationship may be used to indicate a binding relationship that is created by the second service object (for example, the service staff) for the target object identifier and that is used to bind the target pricing chain in the target service scenario, and the transaction binding relationship is a binding relationship that is created by the second service object (for example, the service staff) for the target object and that is used to bind a target position set.

**[00180]** In this case, a specific process of performing compliance check on the target pricing chain by the server can be described as follows: in this embodiment of the disclosure, the server may receive the binding configuration relationship from the second terminal device, and obtain, based on the binding configuration relationship, the target object identifier, the target transaction resource pair, the target service scenario, and the target chain identifier from the service binding data information submitted by the second terminal device. Then, the server may perform a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result. Then, the server may perform a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result. Then, the server may generate, when the first compliance check result indicates that the compliance check succeeds, pricing configuration completion information used for representing that the chain binding relationship is the compliant configuration relationship, and generate, when the second compliance check result indicates that the compliance check succeeds, first transaction configuration completion information used for representing that the transaction binding relationship is the compliant configuration relationship. Finally, the server may trigger generation of the first configuration completion information based on the pricing configuration completion information and the first transaction configuration completion information.

**[00181]** For ease of understanding, referring to FIG. 10, FIG. 10 is a schematic diagram of a scenario including a pricing configuration process and a real-time client pricing process according to an embodiment of the disclosure. As shown in FIG. 10, the pricing service system may roughly include the following several key processes (for example, a chain management process, a merchant onboarding process, a pricing viewing process, and a client pricing process). The several key

processes may be specifically performed through interaction between the server, the first terminal device, the second terminal device, and the target terminal device shown in FIG. 10. The chain management process includes operation S21 to operation S23 shown in FIG. 10. As shown in FIG. 10, when performing operation S21 by using the first terminal device, a trader (that is, the first service object) may access the PAMAS homepage (that is, the system display interface). Then, the trader (that is, the first service object) may create a chain and configure a plug-in on the PAMAS homepage (that is, the system display interface) provided by the PAMAS system, so that the server may perform operation S22 based on the plug-in configuration request submitted by the first service object by using the first terminal device, where a series of optional pricing chains are predefined. For example, the server may perform, in a chain approval manner, chain approval on a pricing chain (for example, the foregoing pricing chain) currently generated on the server, so as to generate, after the approval succeeds, chain details of the target pricing chain having chain validity, and further perform pipeline configuration management (that is, a configuration management service) based on the chain details, and perform operation S23 to record pipeline configuration. For example, the recorded pipeline configuration may specifically include a pipeline (for example, a constructed target pricing chain) that is recorded in the service database and that is formed by pricing plug-ins of multiple different pricing types, a pricing policy of each pricing plug-in in the target pricing chain, and the like.

**[00182]** In some embodiments, as shown in FIG. 10, when a trader preconfigures an optional pricing chain (that is, a target pricing chain) in the pricing service system, the service staff (that is, the second service object) may bind the target pricing chain with a merchant (that is, a target object) that currently onboards in a merchant onboarding process.

**[00183]** For example, as shown in FIG. 10, after accessing the subscription display interface by using the second terminal device, the service staff may access the pricing chain binding interface based on the subscription data information displayed on the subscription display interface, to perform operation S31 on the pricing chain binding interface, and fill in foreign exchange configuration-related information (that is, the service binding data information), and then submit the filled-in foreign exchange configuration-related information to the merchant agreement center in the merchant system. Then, the service staff may perform operation S32 by using the merchant agreement center, to request for pricing configuration and transaction configuration. That is, in this case, the server in the pricing service system may receive a request (that is, the foregoing information configuration request) that is sent by the merchant agreement center and that is used to request for pricing configuration and transaction configuration, and send the request to the CPM client route center, so that the CPM client route center may further perform operation S33, to

request for pricing configuration. Therefore, the request used for requesting for pricing configuration may be sent to the CPM client pricing route, so that the CPM client pricing route may further perform operation S34 (check configuration compliance). For example, in this embodiment of the disclosure, the server may perform a compliance check on the target object (that is, the merchant shown in FIG. 10) corresponding to the target object identifier, the target transaction resource pair (that is, the buy resource and the sell resource), the target service scenario, and the target pricing chain corresponding to the target chain identifier that are entered by the service staff on the pricing chain binding interface, and may further perform operation S35 (the DB is operated to record a mapping relationship between the merchant and the pipeline, that is, the chain binding relationship created for the target object and used to bind the target pricing chain may be recorded by using the service database) when the compliance check succeeds. Meanwhile, the CPM client pricing route may further perform operation S36 (complete pricing configuration).

**[00184]** As shown in FIG. 10, when the transaction resource in the transaction resource pair (that is, the target transaction resource pair) is an untradable resource, when receiving the request for performing the foreign exchange configuration and the transaction configuration, the server may directly perform operation S41 (configuration completion) shown in FIG. 10. That is, in this case, configuration completion means that the server may directly end the current transaction configuration when the target transaction resource pair is the untradable resource.

**[00185]** In another implementable manner, the configuration completion information includes second configuration completion information associated with a compliant configuration relationship. In this case, the server may further end transaction configuration for the target transaction resource pair when the target transaction resource pair is the untradable resource, to generate second transaction configuration completion information associated with the reference pricing provided by the target pricing chain. Then, the server may trigger generation of second configuration completion information based on the pricing configuration completion information and the second transaction configuration completion information.

**[00186]** On the contrary, as shown in FIG. 10, when determining that the target transaction resource pair is a tradable resource, the server may perform operation S42 (request transaction configuration). That is, in this case, the CPM client route center in the server may send, to the CTM transaction client router, a request used to request to perform transaction configuration. In this way, when receiving the request, the CPM client route center may further perform operation S43 (check configuration compliance). For example, the server may perform a second compliance check on the target position set associated with the tradable resource in the target transaction resource pair, and

further perform operation S44 (the DB is operated to record a mapping relationship between a merchant and a position set, that is, a transaction binding relationship created for the target object and used to bind the target position set may be recorded by using the service database) when the check succeeds. At the same time, as shown in FIG. 10, the CTM transaction client router in the server may perform operation S45 (complete transaction configuration), and further may notify the CPM client route center that the transaction configuration is currently completed. In this way, the CPM client route center may further perform operation S46 (configuration completion) when knowing that the transaction configuration and the pricing configuration are completed, to notify, by using the configuration completion information, the merchant agreement center that the currently requested pricing configuration and transaction configuration are both completed.

**[00187]** In this embodiment of the disclosure, a specific process of performing a first compliance check on the target pricing chain by the server in operation S34, to obtain the first compliance check result may be described as follows: The server may determine, as a reference object, a subscribed object that is obtained from a service database and that matches the target object identifier; and compare the reference object with the target object, to obtain a first comparison result. In addition, the server may determine, as a reference pricing chain, a pricing chain that is obtained from the service database and that matches the target chain identifier; and compare the reference pricing chain with the target pricing chain, to obtain a second comparison result. Meanwhile, the server may determine, as a reference service scenario, a service scenario that is obtained from the service database and that is associated with the target object; and compare the reference service scenario with the target service scenario, to obtain a third comparison result. The server may determine, as a reference service type, a service type that is obtained from the service database and that is adapted to the reference pricing chain; and compare the reference service type with the target service type of the target service, to obtain a fourth comparison result. Then, the server may determine, as the first compliance check result, a check result obtained when the first comparison result indicates that the reference object and the target object are the same object, the second comparison result indicates that the reference pricing chain and the target pricing chain are the same pricing chain, the reference service scenario and the target service scenario are the same service scenario, and the reference service type and the target service type are the same service type.

**[00188]** The target position set is used for representing a total target transaction volume of the target transaction resource pair associated with the target service, the target transaction resource pair is a transaction resource pair including a first transaction resource and a second transaction resource, and a resource type of the first transaction resource is different from a resource type of the second transaction resource. In this case, a specific process of performing, by the server, a second

compliance check on the target position set in a transaction coordination process in operation S43 to obtain a second compliance check result may be described as: The server may determine, as a reference position set when the target transaction resource pair is a tradable resource, a position set that is obtained from the service database and that has a transaction binding relationship with the target object. Then, the server may determine a total transaction volume corresponding to the reference position set as a total reference transaction volume, and compare the total reference transaction volume with the total target transaction volume, to obtain a fifth comparison result. Finally, the server may determine, as the second compliance check result, a check result obtained when the fifth comparison result indicates that the total reference transaction volume and the total target transaction volume are the same total transaction volume.

**[00189]** In some embodiments, as shown in FIG. 10, after completing the pricing configuration and the transaction configuration, the service staff may bind a pricing chain (that is, a target pricing chain) with the merchant (that is, the target object), and bind a position set (that is, a target position set) with the merchant. In this way, a trader may further perform a pricing viewing process. For example, in this embodiment of the disclosure, the trader may perform operation S51 (access a PAMAS homepage) by using the first terminal device. In this way, after successfully accessing the PAMAS homepage by using the server, the trader may further request, by using a pricing routing viewing control on the PAMAS homepage, to view a pricing chain that has a chain binding relationship with the merchant from the server. That is, in this case, the server may perform operation S52 to view a mapping relationship between a merchant and a pricing chain, and then return, to the first terminal device in a form of a pricing routing mapping table, all mapping relationships between merchants and pricing chains that are viewed through the CMP client pricing routing, so as to display the pricing routing mapping table on a pricing routing check interface of the first terminal device.

**[00190]** As shown in FIG. 10, a trader may also view, on the PAMAS homepage, pricing information provided by all target pricing chains that currently have chain validity (for example, pricing information provided by all target pricing chains for the merchant). For example, in this case, the server may perform operation S53 to view real-time pricing of pricing chains, and then return, to the first terminal device, real-time pricing of all pricing chains viewed through client pricing (for example, the client pricing system), to display, on the client pricing interface of the first terminal device, pricing information provided for the target object by the service pricing plug-in of the target pricing chain.

**[00191]** In this embodiment of the disclosure, as shown in FIG. 10, a real-time client pricing

process may include operation S61 to operation S72. As shown in FIG. 10, the merchant (that is, the target object) may perform operation S61 (query for foreign exchange pricing) by using a target terminal device (for example, the terminal device 200n). In this case, the server may further perform operation S62 (query for client pricing) by using a service, to send a query request for querying for client pricing to a merchant middle layer, so that the merchant middle layer may perform operation S63 (query for client pricing). For example, the merchant middle layer may query for client pricing through the client pricing system. As shown in FIG. 10, for client pricing (that is, the client pricing system), operation S64 (query for a pipeline corresponding to merchant + resource pair) may be performed. In this way, after receiving the query request for querying for a pricing chain corresponding to a resource pair bound with a merchant, the service database may further perform operation S65 (return a specified pipeline). The pipeline herein is a pricing chain (for example, the target pricing chain).

**[00192]** In some embodiments, the client pricing system may further perform operation S66 to query chain details of a specified pipeline. The chain details of the pipeline refer to pricing plug-ins that are specifically included in the pricing chain (for example, the target pricing chain) and that need to be queried for. In this way, after receiving a chain detail query request for querying for a specified pricing chain, the service database may further perform operation S67 (return chain details of a pipeline), for example, may return multiple pricing plug-ins used to form the target pricing chain. Then, the client pricing system may further perform operation S68 (perform pricing calculation according to the chain details of the pipeline), and may further perform operation S69 (record the pricing details) when obtaining pricing information for the merchant through calculation. For example, pricing information provided by each pricing plug-in and target pricing information finally provided for the merchant may be recorded. In this way, when subsequently receiving a query request of a trader for real-time client pricing, the server may return, to the trader, pricing information that is recorded in the service database and that is provided for the target object through the target pricing chain.

**[00193]** For example, as shown in FIG. 10, in a process of providing target pricing information to the merchant, the client pricing system may further perform operation S70 (return client pricing), to return, to a merchant middle layer (for example, a transaction payment platform of a third-party institution), pricing information (for example, platform pricing information) currently obtained through calculation through the target pricing chain. In this case, the merchant middle layer may further perform operation S71 (return client pricing), to return, to the service, pricing information (for example, service pricing information) obtained through calculation for the service. Then, operation S72 (return client pricing) may be further performed on the service in the

server, to return, to the target terminal device corresponding to the merchant, pricing information (for example, target pricing information, that is, the target client pricing) calculated for the merchant, so that the target terminal device may display the target client pricing for the merchant.

**[00194]** For example, in a real-time client pricing process, the server may receive a pricing query request sent by a target object. The pricing query request is a request that is initiated by the target object for a service order and that is for exchanging a second transaction resource in the target transaction resource pair for a first transaction resource. Then, the server may obtain a target object identifier of the target object and the target transaction resource pair from the pricing query request, and when detecting that the target transaction resource pair is a tradable resource and obtaining a target chain identifier bound with the target object identifier from the service database, determine a target pricing chain corresponding to the target chain identifier. The target pricing chain is formed by N pricing plug-ins corresponding to N chain elements, where N is a positive integer greater than or equal to 3, one chain element corresponds to one chain plug-in, and the N pricing plug-ins include a service pricing plug-in, a second pricing plug-in, and a first pricing plug-in. Then, when performing operation S67, the server may further obtain the pricing detail information of the first pricing plug-in and the pricing detail information of the second pricing query from the service database, and when performing operation S68, perform pricing calculation based on the pricing detail information of the first pricing plug-in and the pricing detail information of the second pricing query, to obtain target pricing information used for inputting to the service pricing plug-in. In a direction of client pricing indicated by the target pricing chain, a pricing priority of the first pricing plug-in is higher than a pricing priority of the second pricing plug-in, and the pricing priority of the second pricing plug-in is higher than a pricing priority of the service pricing plug-in. Finally, the server may use, as target client pricing to be provided to the target object, the target pricing information inputted into the target pricing plug-in, and return the target client pricing to the target object, so that the target object performs order payment on the service order when exchanging the second transaction resource for the first transaction resource based on the target client pricing.

**[00195]** In this embodiment of the disclosure, the server may receive a mapping relationship viewing request fromfrom the first client. The mapping relationship viewing request is generated by the first client in response to a first viewing operation on the pricing routing viewing control. Then, the server may obtain a pricing routing mapping table from the service database based on the mapping relationship viewing request. The pricing routing mapping table includes a recorded target object identifier of the target object and a target chain identifier of a target pricing chain that has a chain binding relationship with the target object identifier. The chain binding relationship is used for representing the target pricing chain bound by the second service object with the target object by

using the second service terminal. Finally, the server may return the pricing routing mapping table to the first client, so that the first client displays the pricing routing mapping table on the pricing routing viewing interface.

**[00196]** The system display interface includes a client pricing viewing control that is independent of the pricing routing viewing control. In this case, the server may further receive a client pricing viewing request from the first client. The client pricing viewing request is generated by the first client in response to a second viewing operation on the client pricing viewing control. Then, the server may obtain, from the service database based on the client pricing viewing request, target client pricing that is provided for the target object through the service pricing plug-in in the target pricing chain. Finally, the server may return the target client pricing to the first client, so that the first client displays the target client pricing on the client pricing interface.

**[00197]** In this embodiment of the disclosure, when the service staff accesses the merchant agreement center shown in FIG. 10 by using the second terminal device, the merchant agreement center may invoke a merchant system to provide the service staff with a subscription data display page used for displaying subscription data information submitted by a merchant for a service. In this case, the service staff can quickly access, based on an object identifier of the merchant (that is, a target object) displayed on the subscription data display page, a pricing chain binding interface used for chain binding, and further establish, on the pricing chain binding interface, a chain mapping relationship between the merchant and a pricing chain corresponding to the corresponding service.

**[00198]** A trader may define and assemble a pricing chain by using a system display page of the PAMAS system. In this way, it can be ensured that responsibilities of the trader and the service staff are clear in the pricing service system. In some special cases, the trader and the service staff may be two different roles of one object, or in general, the trader and the service staff may be different objects. Specific types of the trader and the service staff are not limited herein.

**[00199]** The pricing configuration process in this embodiment of the disclosure is a precondition for providing pricing for a client (for example, the transaction payment platform, the service, or the merchant) by using a corresponding pricing chain (for example, the target pricing chain). Therefore, the service staff and the trader need to complete corresponding configuration in the pricing configuration process to match a correct pricing policy for the client. One stage of the pricing configuration process is chain management, and another stage is merchant onboarding. Different services or platforms all onboard a transaction payment platform of a third-party payment system in a form of a merchant. For example, the merchant may complete filling of identity authentication data and the like in the onboarding stage, and may further use information added by

the merchant as subscription data information. In this way, when needing to complete configuration (for example, pricing configuration and transaction configuration) related to a foreign exchange transaction of a merchant, the service staff may access a pricing chain binding interface based on a target object identifier of a target object in subscription data information submitted by the merchant, and may then determine, on the pricing chain binding interface, a pricing chain and a transaction chain actually used by the service. During transaction chain configuration, if the transaction resource pair is untradable, the current transaction configuration process may be directly completed. On the contrary, if the transaction resource pair is tradable, the transaction configuration may be completed based on operation S42 to operation S45, and then the current transaction configuration process is completed based on operation S46.

**[00200]** For a real-time client pricing process, for ease of understanding, in this embodiment of the disclosure, for example, a client (that is, a target object such as a user) makes payment (for example, an overseas area G) by using a social payment service. When the user makes payment by using the social payment service, the server may invoke, in the background, a transaction payment platform corresponding to the social payment service. In this case, when determining, by using the transaction payment platform, that a current service (for example, the social payment service) is a cross-area payment service, the server may perform real-time query from the client pricing system. In this way, after receiving a query request, the client pricing system performs real-time calculation according to a pricing chain and a policy that are already configured for the cross-area payment service, to obtain target pricing information of the client. For example, in this embodiment of the disclosure, pricing information, for example, 1HKD = 0.91CNY, may be displayed to the client, to prompt the client of an amount of target transaction resources (for example, CNY) that actually need to be paid for a corresponding payment when shopping overseas (for example, the overseas area G).

**[00201]** In other words, in this embodiment of the disclosure, a first operation is that a third-party institution provides pricing information to a client, and then a second operation is that the client approves the pricing information provided by the third-party institution and performs an order placing transaction. In this case, the transaction system processes a transaction order (for example, may perform internal hedge or initiate a currency exchange transaction to a financial institution).

**[00202]** For ease of understanding, referring to FIG. 11, FIG. 11 is a schematic diagram of performing service modeling on a real-time client pricing process and a pricing configuration process according to an embodiment of the disclosure. As shown in FIG. 11, a process of performing service modeling for a real-time client pricing process and a pricing configuration

process includes: S1101: real-time client pricing process; S1102: domain division & entity modeling flow; and S1103: pricing configuration process. The real-time client pricing process in S1101 may specifically include the following operations: accessing an inter-bank channel, obtaining a price adjustment basis, executing a pricing chain, matching the pricing chain, and providing client service pricing.

**[00203]** In domain division & entity modeling flow of S1102, a domain of the operation of client service pricing may be service. In addition, a domain of the operation of matching a pricing chain is general foreign exchange transaction routing (which, for example, may be specifically CPM pricing routing/CTM transaction routing). In addition, in this embodiment of the disclosure, a domain of pricing chain execution may be client pricing, for example, may specifically relate to a pricing agent (that is, a pricing plug-in)/a PA pipeline (that is, a pricing chain). Then, a domain of the operation of obtaining a price adjustment basis may be platform benchmark/fair exchange rate, for example, may specifically relate to orderbook/platform rate/live rate/swap point. A domain of the operation of accessing an inter-bank channel is channel.

**[00204]** In a pricing service system, swap refers to a foreign exchange transaction product for swap transaction, and swap is a foreign exchange transaction product whose product type is different from that of Outright. Outright refers to a foreign exchange transaction product for instant or future transaction.

**[00205]** In addition, as shown in S1103 of FIG. 11, a pricing configuration process may include two stages. One stage is a merchant onboarding stage. In the merchant onboarding stage, the service staff may log in to a BOSS page (that is, an interface provided by the foregoing merchant agreement center). A domain of the operation of logging in to the BOSS page is BOSS, and then a pricing chain may be bound with the merchant on the pricing chain binding interface. A domain of the operation of binding a pricing chain with the merchant is general foreign exchange transaction routing, for example, specifically may relate to CPM pricing routing/CTM transaction routing. The other stage is trader pricing adjustment. In the trader pricing adjustment stage, a trader may log in to a system display interface of the PAMAS system, and then may access the pricing chain management interface on the system display interface, to customize pricing chains and pricing policies for different services on the pricing chain management interface. A domain of the operation of customizing pricing chains and pricing policies for different services may be client pricing, for example, may specifically relate to customizing a price agent (a pricing plug-in)/a PA pipeline (a pricing chain).

**[00206]** As shown in FIG. 11, for a business layer, a third-party institution may support

different services at the business layer, and allow the services to query for foreign exchange pricing as clients (that is, target objects). The route layer may be the foregoing CRC client route center.

**[00207]** A principle agent layer is formed by linking different agents (that is, different PAs), and has a clear and unique merchant number to which price difference profit belongs. The PA performs the function of a pricing broker. In the same PA, a difference between prices of the same transaction resource pair in the same period at an entrance and an exit forms profit or loss of the PA. Pricing agents may be classified into multiple pricing types. The multiple pricing types herein may be an LPA type, an IPA type, and an EPA type. An LPA plug-in corresponding to the LPA type uses a price source orderbook as an input, and an IPA plug-in uses an output of the LPA as an input. An end point (that is, the chain header) of each pricing chain needs to be an EPA plug-in. In this embodiment of the disclosure, during routing, a service may be matched with an EPA plug-in, without sensing an IPA plug-in and an LPA plug-in. The process in the pricing agent includes four operations: data input, model pricing, value adjustment, and pricing update.

**[00208]** An orderbook layer combines data of all price sources by combining a product type (for example, outright or swap), a transaction resource pair, and a delivery day into three dimensions. Tradable, untradable, live, non-live, quotation, and the like are included. When a unilateral price source is encountered, two sides may be supplemented according to a preset price width, and the other side is set to be untradable.

**[00209]** A source layer refers to a capability of providing a live exchange rate and a foreign exchange transaction when a third-party institution accesses market makers and large banks in the market based on a corresponding financial protocol or its own encryption protocol.

**[00210]** In this embodiment of the disclosure, after domain division and entity modeling are performed, modeling from a service process to a domain is completed. In addition, in this embodiment of the disclosure, a process of reconstructing an original client pricing system to obtain the foregoing pricing service system implements changes at a domain level.

**[00211]** For ease of understanding, referring to FIG. 12, FIG. 12 is a schematic diagram of a scenario of a pricing service system according to an embodiment of the disclosure. A CRC 1201 of a general foreign exchange domain is newly added to the pricing service system, and domain modification is performed on a client pricing domain (PAMAS-EPA-IPA) 1202 and a platform benchmark exchange rate domain (PAMAS-LPA) 1203. As shown in FIG. 12, a financial institution J1 and a financial institution J2 for providing a live tradable exchange rate are configured to provide a primary price source in the platform benchmark exchange rate domain, and a financial institution J3 and a financial institution J4 shown in FIG. 12 are configured to provide secondary price sources

in the fair exchange rate domain. In other words, in this embodiment of the disclosure, input pricing information (that is, the foregoing price adjustment basis) of an entire pricing chain may be provided for an LPA plug-in in the platform benchmark exchange rate domain by using a primary price source and a secondary price source.

**[00212]** In the PAMAS system, the concept of pricing agent (PA) is newly added, and PAs may be divided into EPA/IPA/LPA according to different responsibilities of PAs in this embodiment of the disclosure. A corresponding pricing chain is allowed to be set for the target service, where the EPA plug-in may be used for dealing with a service, the IPA plug-in may freely perform combination according to an actual requirement, and the LPA plug-in may combine different source prices in an orderbook according to a requirement. In this embodiment of the disclosure, as may be learned by analyzing an overall service process of the client pricing system, in this embodiment of the disclosure, a price source exchange rate for current pricing may be first obtained by using an LPA plug-in. Then, calculation is performed by using a series of IPA plug-ins, which actually is various price increase or discount policies or algorithms. Finally, client pricing information to be returned to a corresponding EPA plug-in (with which a corresponding service is bound) is obtained through calculation.

**[00213]** Referring to FIG. 13, FIG. 13 is a schematic flowchart of performing client pricing according to an embodiment of the disclosure. As shown in FIG. 13, after obtaining a query request 1301, a server in a pricing service system may match a corresponding EPA chain 1302 (that is, a pricing chain with a chain header being an EPA plug-in) in a service database based on the query request, and the server may obtain a benchmark price 1303 from an LPA (that is, the LPA plug-in), and perform policy execution (for example, an IPA policy 1, an IPA policy 2, and an IPA policy 3 may be executed) shown in FIG. 13 on the obtained benchmark price, to obtain target pricing information obtained after policy execution. In this embodiment of the disclosure, the server may perform, based on the benchmark price and the target pricing information, pricing check 1304 on pricing information of a single PA outputted after policy execution of each IPA plug-in and accumulated pricing information of all the IPA plug-ins, and further may send, when the pricing check succeeds, the target pricing information to the EPA plug-in, to provide the target pricing information to the client by using the EPA plug-in, that is, quote an EPA price 1305.

**[00214]** In other words, in this embodiment of the disclosure, pricing policies of IPAs are independent, and may be freely combined for execution. Therefore, each EPA chain (that is, the pricing chain with a chain header being an EPA plug-in) may be considered as a pipeline (chain) by using a pipeline mode, and each PA is a pipe (that is, the chain element). The pipe (that is, the chain

element) may be arranged as required through configuration, and each pipe (that is, the chain element) also has a clear input and output, so that pricing check may be performed, thereby improving accuracy of target pricing information that is finally outputted.

**[00215]** In the pricing service system, data models (that is, a model used for representing a logical relationship between library tables) mainly in the PAMAS system include: A CPM client pricing routing mapping table (a client pricing routing mapping table), a PA combination table (a PA chain table), and a PA configuration table (a PA chain detail table) provide client pricing.

**[00216]** For ease of understanding, referring to FIG. 14, FIG. 14 is a schematic diagram of describing an association between multiple forms according to an embodiment of the disclosure. As shown in FIG. 14, forms corresponding to multiple data models stored in the service data volume may specifically include a client pricing routing mapping table, a PA chain table, and a PA chain detail table shown in FIG. 14.

**[00217]** The client pricing routing mapping table herein may be the foregoing pricing routing mapping table. That is, the client pricing routing mapping table 1401 may include the following five key binding fields: a merchant ID, a buy resource, a sell resource, a pricing scenario, and a chain ID. For example, as shown in FIG. 14, a field value of the merchant ID field may be "merchant 500001" and "merchant 500002". For a merchant 500001, a buy resource is USD, a sell resource is CNH, a pricing scenario is ordinary payment reception, and a chain identifier (for example, a chain ID) of a pricing chain bound with the merchant 500001 is a number 1. Similarly, for a merchant 500002, a buy resource is USD, a sell resource is CNH, a pricing scenario is ordinary payment reception, and a chain identifier (for example, a chain ID) of a pricing chain bound with the merchant 500002 is also the number 1. This means that in this embodiment of the disclosure, two merchants with different merchant IDs may be bound with the same pricing chain (that is, the target pricing chain) based on a service type (which, for example, may be specifically a pricing scenario of a service type, for example, the ordinary payment reception scenario herein).

**[00218]** Based on this, after receiving the query request, the server may match a target pricing chain corresponding to the chain ID from a PA chain table 1402 (for example, the chain management table) shown in FIG. 14. For example, as shown in FIG. 14, the chain ID of the target pricing chain is the number 1, a chain name of the target pricing chain may be a user-defined name (for example, a name "ToB-1"), and a service corresponding to the target pricing chain of the name "ToB-1" may be a ToB service. For example, the ToB service herein may be a service in a service Y1, a service Y2, a service Y3, and a service Y4 in the embodiment corresponding to FIG. 11. As shown in FIG. 14, in this case, the server may further match, from the PA chain detail table 1403

(for example, the pricing plug-in form), multiple pricing plug-ins used for constructing the target pricing chain, obtain a benchmark price by using an LPA plug-in whose pricing type is an LPA type (that is, the first pricing plug-in, for example, the PLATFORM-LPA plug-in whose arrangement display sequence is a sequence 5 shown in FIG. 14), perform policy execution by using three IPA plug-ins (for example, the LOCK-UP-RATE-IPA plug-in whose arrangement display sequence is the sequence 4, the REFUND-IPA plug-in whose arrangement display sequence is the sequence 3, and the POSITION-SKEW-IPA plug-in) shown in FIG. 14, and after pricing check, provide pricing information obtained after the policy execution to an EPA plug-in whose arrangement display sequence is a sequence 1 shown in FIG. 14 (for example, a TOB-1-EPA plug-in whose arrangement display sequence is a sequence 1 shown in FIG. 14). As shown in FIG. 14, based on descending order of arrangement display sequences, a pricing policy of a LOCK-UP-RATE-IPA plug-in is a long-term exchange rate pricing, a pricing policy of a REFUND-IPA plug-in is original exchange rate refund, and a pricing policy of a LOCK-UP-RATE-IPA plug-in is exposure skew pricing.

**[00219]** In this embodiment of the disclosure, different merchants may be bound with the same pricing chain, and a statement of a pricing agent in the pricing chain may be recorded in a PA chain detail list shown in FIG. 14. In other words, the PA chain detail list may record types (that is, pricing types) of PAs and profit and loss attribution recorded in the orderbook. In an actual process of client pricing, implementation of service logic of each pricing plug-in is in a corresponding implementation class. For example, a specific PA can have its own configuration table (for example, the foregoing configuration table), or can obtain signal execution (for example, read exposure snapshots through an interface for exposure skew). Based on this, to ensure maintainability of each PA, the embodiments of the disclosure do not unify the configuration chain detail table for PAs.

**[00220]** As can be seen, in this embodiment of the disclosure, pricing plug-ins behind the chain header may be flexibly reused and configured in advance for service types of different services, to construct different pricing chains corresponding to the different service types. In this way, according to a specific service pricing scenario (for example, an ordinary user or a VIP user) of the merchant, a pricing chain corresponding to a service type of the service pricing scenario may be flexibly bound subsequently, thereby removing the merchant from the pricing system in a process of providing a pricing policy for the merchant. In this way, an association between the merchant and the pricing system can be reduced, and a quantity of pricing configurations can be greatly reduced. For example, it can be ensured that different merchants in the same service pricing scenario can share a pricing configuration policy in the same pricing chain. In this way, resource waste of a pricing calculation resource of the pricing system can be avoided to some extent.

**[00221]** In some embodiments, referring to FIG. 15, FIG. 15 is a schematic structural diagram of a pricing chain processing system according to an embodiment of the disclosure. As shown in FIG. 15, the pricing chain processing system 10 may include a first terminal device 1501, a second terminal device 1502, and a server 1503. In this embodiment of the disclosure, the first terminal device 1501, the second terminal device 1502, and the server 1503 may perform data exchange to perform the pricing chain processing method provided in the embodiment corresponding to FIG. 3 or FIG. 8. The first terminal device herein may be the terminal device 2a in the embodiment corresponding to FIG. 2, the second terminal device may be the terminal device 2b in the embodiment corresponding to FIG. 2, and the server may be the server 100a in the embodiment corresponding to FIG. 2. The first terminal device is configured to receive chain attribute content associated with an initial pricing chain from a server, and display the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content, a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content including at least a target service type of the target service. The first terminal device is further configured to display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type. The first terminal device is further configured to send a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server. The server is configured to obtain an arrangement display sequence associated with the chain header from the plug-in configuration request, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header. The second terminal device is configured to display a target object identifier of a target object on a pricing chain binding interface, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier. The second terminal device is configured to send the binding configuration relationship to the server. The server is configured to generate, when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion

information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

**[00222]** Because the pricing chain processing system 10 may be configured to execute the pricing chain processing method provided in any embodiment of FIG. 3 or FIG. 8, beneficial effects obtained by using the same method are not described herein again.

**[00223]** In some embodiments, referring to FIG. 16, FIG. 16 is a schematic structural diagram of a computer device according to an embodiment of the disclosure. As shown in FIG. 16, the computer device 1000 may be any terminal device participating in building the pricing chain processing system. For example, the computer device 1000 may alternatively be a first terminal device, a second terminal device, or a server. As shown in FIG. 16, the computer device 1000 may include a processor 1001, a network interface 1004, and a memory 1005. In addition, the computer device 1000 may further include a user interface 1003 and at least one communication bus 1002. The communication bus 1002 is configured to implement connection and communication between these components. The user interface 1003 may further include a standard wired interface and wireless interface. In an embodiment, the network interface 1004 may include a standard wired interface and wireless interface (for example, a WiFi interface). The memory 1005 may be a high-speed RAM memory, or may be a non-volatile memory, for example, at least one magnetic disk memory. In some embodiments, the memory 1005 may alternatively be at least one storage apparatus away from the processor 1001. As shown in FIG. 16, the memory 1005 used as a computer-readable storage medium may include an operating system, a network communications module, a user interface module, and a device-control application program. The network interface 1004 in the computer device 1000 may further provide a network communication function. In the computer device 1000 shown in FIG. 16, the network interface 1004 may provide a network communication function. The user interface 1003 is mainly configured to provide an input interface for a user. The processor 1001 may be configured to invoke the device-control application program stored in the memory 1005, to perform the descriptions of the pricing chain processing method in the foregoing embodiment corresponding to FIG. 3 or FIG. 8. Details are not described herein again. In addition, the description of beneficial effects of the same method is not described herein again.

**[00224]** In addition, an embodiment of the disclosure further provides a computer-readable storage medium. The computer-readable storage medium stores computer programs executed by the foregoing computer device. The computer program includes computer instructions. When executing

the computer instructions, a processor can perform descriptions of the pricing chain processing method in the foregoing embodiment corresponding to FIG. 3 or FIG. 8. Therefore, details are not repeated herein. In addition, the description of beneficial effects of the same method is not described herein again. For technical details that are not disclosed in the embodiments of the computer-readable storage medium included in the disclosure, refer to the descriptions about the method embodiments of the disclosure. As an example, the computer instructions may be deployed to be executed on one computing device, or deployed to be executed on multiple computing devices in the same location, or deployed to be executed on multiple computing devices that are distributed in multiple locations and interconnected by using a communication network. The multiple computing devices that are distributed in the multiple locations and interconnected by using the communication network may form a blockchain system.

**[00225]** In addition, an embodiment of the disclosure further provides a computer program product or a computer program, including computer instructions stored in a computer-readable storage medium. A processor of a computer device reads the computer instructions from the computer-readable storage medium, and the processor can execute the computer instructions, so that the computer device performs descriptions of the pricing chain processing method in the foregoing embodiment corresponding to FIG. 3 or FIG. 8. Therefore, details are not repeated herein. In addition, the description of beneficial effects of the same method is not described herein again. For the technical details not disclosed in the embodiment of the computer program product or the computer program in the application, refer to the description of the method embodiments of the disclosure.

**[00226]** What is disclosed above is merely exemplary embodiments of the disclosure, and certainly is not intended to limit the scope of the claims of the disclosure. Therefore, equivalent variations made in accordance with the claims of the disclosure shall fall within the scope of the disclosure.

CLAIMS

1. A pricing chain processing method, the method being performed by a server, and the method comprising:

receiving, from a first terminal device, a plug-in configuration request for performing plug-in configuration on a first pricing plug-in and a second pricing plug-in that are configured for the first terminal device;

adding the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, the initial pricing chain being generated by the server based on chain attribute content;

transmitting a target chain identifier of the target pricing chain and a target pricing scenario of the target service type to a second terminal device;

receiving a binding configuration relationship between a target object and the target pricing chain from the second terminal device; the binding configuration relationship being determined by the second terminal device based on the target pricing scenario, the target chain identifier, and a target object identifier of the target object; and

generating, in response to the binding configuration relationship of the target object being a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

2. The method according to claim 1, wherein before the receiving a plug-in configuration request from a first terminal device, the method further comprises:

transmitting chain attribute content associated with the initial pricing chain to the first terminal device; wherein a chain header of the initial pricing chain is a service pricing plug-in corresponding to a target service; and the chain attribute content comprises at least a target service type of the target service.

3. The method according to claim 1 or 2, wherein before the transmitting chain attribute content associated with the initial pricing chain to the first terminal device, the method further comprises:

receiving a chain creation request from the first terminal device;

determining, as the chain attribute content, key field content carried in the chain creation

request and auxiliary field content associated with the key field content; and

generating, based on the chain attribute content, the initial pricing chain with a chain header being the service pricing plug-in corresponding to the target service.

4. The method according to any one of claims 1 to 3, wherein during the adding the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, the method further comprises:

generating target chain details for viewing the target pricing chain;

adding the target pricing chain and the target chain details to a service database; and

returning the target chain details to the first terminal device; wherein the first terminal device is configured to display the target chain details on a pricing chain management interface.

5. The method according to any one of claims 1 to 4, wherein the adding the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type comprises:

obtaining, in response to the plug-in configuration request, an arrangement display sequence associated with the chain header from the plug-in configuration request; and

adding the second pricing plug-in and the first pricing plug-in to the chain header of the initial pricing chain based on the arrangement display sequence, to obtain the target pricing chain created for the target service type.

6. The method according to any one of claims 1 to 5, wherein the arrangement display sequence comprises: a first relative display sequence of the second pricing plug-in relative to the service pricing plug-in and a second relative display sequence of the first pricing plug-in relative to the second pricing plug-in; and

the adding the second pricing plug-in and the first pricing plug-in to the chain header of the initial pricing chain based on the arrangement display sequence, to obtain the target pricing chain created for the target service type comprises:

adding the second pricing plug-in and the first pricing plug-in to the chain header of the initial pricing chain based on the first relative display sequence and the second relative display sequence, to obtain the target pricing chain created for the target service type.

7. The method according to any one of claims 1 to 6, wherein the adding the second pricing

plug-in and the first pricing plug-in to the chain header of the initial pricing chain based on the first relative display sequence and the second relative display sequence, to obtain the target pricing chain created for the target service type comprises:

when adding, based on the first relative display sequence and the second relative display sequence, the second pricing plug-in and the first pricing plug-in to the initial pricing chain carrying the service pricing plug-in, determining the initial pricing chain to which the second pricing plug-in and the first pricing plug-in are added as a to-be-approved pricing chain;

transmitting the to-be-approved pricing chain to an approving terminal corresponding to an approving object; wherein the approving terminal is configured to perform chain approval on the to-be-approved pricing chain, and generate, when the chain approval succeeds, approval success notification information that is about the to-be-approved pricing chain and that is to be returned to the server;

receiving the approval success notification information returned by the approving terminal; and

determining, based on the approval success notification information, the to-be-approved pricing chain as the target pricing chain having a chain valid status.

8. The method according to any one of claims 1 to 7, wherein the configuration completion information comprises first configuration completion information associated with the compliant configuration relationship, the binding configuration relationship comprises a chain binding relationship and a transaction binding relationship, the chain binding relationship is used to indicate a binding relationship that is created for the target object identifier and that is used to bind the target pricing chain in the target service scenario, and the transaction binding relationship is a binding relationship that is created for the target object and that is used to bind a target position set; and

the generating, in response to the binding configuration relationship of the target object being a compliant configuration relationship, configuration completion information to be returned to the second terminal device comprises:

obtaining, based on the binding configuration relationship, the target object identifier, a target transaction resource pair, the target service scenario, and the target chain identifier from service binding data information submitted by the second terminal device;

performing a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result;

performing a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result;

generating, when the first compliance check result indicates that the compliance check succeeds, pricing configuration completion information used for representing that the chain binding relationship is the compliant configuration relationship, and generating, when the second compliance check result indicates that the compliance check succeeds, first transaction configuration completion information used for representing that the transaction binding relationship is the compliant configuration relationship; and

triggering generation of the first configuration completion information based on the pricing configuration completion information and the first transaction configuration completion information.

9. The method according to any one of claims 1 to 8, wherein the configuration completion information comprises second configuration completion information associated with the compliant configuration relationship; and the method further comprises:

ending transaction configuration for the target transaction resource pair when the target transaction resource pair is an untradable resource, and generating second transaction configuration completion information associated with a reference pricing provided by the target pricing chain; and

triggering generation of the second configuration completion information based on the pricing configuration completion information and the second transaction configuration completion information.

10. The method according to any one of claims 1 to 9, wherein the performing a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result comprises:

determining, as a reference object, a subscribed object that is obtained from a service database and that matches the target object identifier; and comparing the reference object with the target object, to obtain a first comparison result;

determining, as a reference pricing chain, a pricing chain that is obtained from the service database and that matches the target chain identifier; and comparing the reference pricing chain with the target pricing chain, to obtain a second comparison result;

determining, as a reference service scenario, a service scenario that is obtained from the service database and that is associated with the target object; and comparing the reference service

scenario with the target service scenario, to obtain a third comparison result;

determining, as a reference service type, a service type that is obtained from the service database and that is adapted to the reference pricing chain; and comparing the reference service type with the target service type of the target service, to obtain a fourth comparison result; and

determining, as the first compliance check result, a check result obtained when the first comparison result indicates that the reference object and the target object are the same object, the second comparison result indicates that the reference pricing chain and the target pricing chain are the same pricing chain, the reference service scenario and the target service scenario are the same service scenario, and the reference service type and the target service type are the same service type.

11. The method according to any one of claims 1 to 10, wherein the target position set is used for representing a total target transaction volume of the target transaction resource pair associated with the target service, the target transaction resource pair is a transaction resource pair comprising a first transaction resource and a second transaction resource, and a resource type of the first transaction resource is different from a resource type of the second transaction resource; and

the performing a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result comprises:

determining, as a reference position set when the target transaction resource pair is a tradable resource, a position set that is obtained from the service database and that has a transaction binding relationship with the target object;

determining a total transaction volume corresponding to the reference position set as a total reference transaction volume;

comparing the total reference transaction volume with the total target transaction volume, to obtain a fifth comparison result; and

determining, as the second compliance check result, a check result obtained when the fifth comparison result indicates that the total reference transaction volume and the total target transaction volume are the same total transaction volume.

12. A pricing chain processing method, the method being performed by a first terminal device, and the method comprising:

receiving chain attribute content associated with an initial pricing chain from a server, and displaying the chain attribute content on a pricing chain management interface; the initial pricing

chain being generated by the server based on the chain attribute content;

displaying a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configuring a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; and

transmitting a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; the server being configured to add the second pricing plug-in and the first pricing plug-in to a chain header of the initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, and configured to provide pricing information for a target object through the target pricing chain.

13. The method according to claim 12, wherein before the receiving chain attribute content associated with an initial pricing chain from a server, the method further comprises:

obtaining key field content entered by a first service object on a chain creation interface, and obtaining auxiliary field content associated with the key field content; and adding the key field content and the auxiliary field content to a chain creation request; and

transmitting the chain creation request to the server; wherein the server is configured to use the key field content and the auxiliary field content that are carried in the chain creation request as the chain attribute content, and configured to generate, based on the chain attribute content, an initial pricing chain with a chain header being a service pricing plug-in corresponding to the target service.

14. The method according to claim 12 or 13, wherein the obtaining key field content entered by a first service object on a chain creation interface, and obtaining auxiliary field content associated with the key field content; and adding the key field content and the auxiliary field content to a chain creation request comprises:

displaying a pricing chain management interface; wherein the pricing chain management interface comprises a chain creation control;

displaying, in response to a creation operation on the chain creation control, a chain creation interface for creating the initial pricing chain, and displaying a chain key field on the chain creation interface;

displaying the key field content in an entry display area of the chain key field in response to an entry operation performed by the first service object on the entry display area of the chain key field;

obtaining the key field content in response to a content confirmation operation performed on the key field content, and obtaining the auxiliary field content generated based on a chain auxiliary field; and

generating, based on the key field content and the auxiliary field content, the chain creation request to be transmitted to the server.

15. The method according to any one of claims 12 to 14, wherein before the displaying a pricing chain management interface, the method further comprises:

displaying an access display interface used for accessing a pricing service system;

entering access data information of the first service object on the access display interface; and

displaying a system display interface of the pricing service system in response to a confirmation operation on the access data information; wherein the system display interface comprises a first display area and a second display area; and

the displaying a pricing chain management interface comprises: displaying the pricing chain management interface in the second display area in response to a management operation on a chain management control in the first display area.

16. The method according to any one of claims 12 to 15, wherein the chain attribute content comprises the key field content associated with the initial pricing chain and the auxiliary field content associated with the initial pricing chain; and

the displaying the chain attribute content on the pricing chain management interface comprises:

displaying the key field content and the chain attribute content in a target list bar when the target list bar is newly added to the chain management list of the pricing chain management interface; wherein

the auxiliary field content comprises chain creation record information and chain modification record information, the chain creation record information is recorded data information about creation of the initial pricing chain, and the chain modification record information is recorded data information about modification of the initial pricing chain.

17. The method according to any one of claims 12 to 16, wherein the plug-in configuration interface comprises a first plug-in selection area corresponding to the first pricing type and a second plug-in selection area corresponding to the second pricing type; and

the configuring a first pricing plug-in corresponding to a first pricing type and a second pricing

plug-in corresponding to a second pricing type on the plug-in configuration interface comprises:

displaying, in response to a trigger operation on the first plug-in selection area, a first menu page associated with the first pricing type, and displaying the first pricing plug-in on the first menu page;

displaying, in the first plug-in selection area in response to a configuration selection operation on the first pricing plug-in, the first pricing plug-in corresponding to the first pricing type;

displaying, in response to a trigger operation on the second plug-in selection area, a second menu page associated with the second pricing type, and displaying the second pricing plug-in on the second menu page; and

displaying, in the second plug-in selection area in response to a configuration selection operation on the second pricing plug-in, the second pricing plug-in corresponding to the second pricing type.

18. The method according to any one of claims 12 to 17, wherein the transmitting a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server comprises:

obtaining a pricing priority of the first pricing type relative to the second pricing type in response to a plug-in confirmation operation on the first pricing plug-in and the second pricing plug-in;

determining an arrangement display sequence of the second pricing plug-in relative to the first pricing plug-in based on the pricing priority; wherein there is an inverse proportional relationship between the pricing priority and the arrangement display sequence;

generating, based on the arrangement display sequence and the service pricing plug-in as the chain header, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in; and

transmitting the plug-in configuration request to the server.

19. The method according to any one of claims 12 to 18, wherein after the transmitting a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server, the method further comprises:

receiving target chain details of the target pricing chain from the server; and

displaying the target chain details of the target pricing chain on the pricing chain management interface.

20. The method according to any one of claims 12 to 19, wherein the pricing chain management interface comprises a form display area used for presenting chain attribute content of a pricing chain; and

the displaying the target chain details of the target pricing chain on the pricing chain management interface comprises:

in response to that a target list bar corresponding to the target pricing chain is displayed in the form display area, displaying, in the target list bar, the target chain details for querying for the target pricing chain; wherein a target display style of the target chain details in the target list bar is a hyperlink display style or a control display style.

21. The method according to any one of claims 12 to 20, wherein the method further comprises:

displaying, when the target list bar corresponding to the target pricing chain is displayed in the form display area, a history list bar corresponding to a history pricing chain; and

displaying, in the history list bar, history chain details for querying for the history pricing chain; wherein

the history pricing chain is determined based on history chain attribute content presented on the history list bar, the history pricing chain is a pricing chain generated before the target pricing chain, and display sequences of the history list bar and the target list bar are determined by performing sorting processing on the history chain attribute content and the target chain attribute content.

22. A pricing chain processing method, comprising:

receiving, by a first terminal device, chain attribute content associated with an initial pricing chain from a server, and displaying the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content, a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content comprising at least a target service type of the target service;

displaying, by the first terminal device, a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configuring a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type;

transmitting, by the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server;

obtaining, by the server, an arrangement display sequence associated with the chain header from the plug-in configuration request, adding the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and using, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header;

displaying, by a second terminal device, a target object identifier of a target object on a pricing chain binding interface, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determining a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier;

transmitting, by the second terminal device, the binding configuration relationship to the server; and

generating, by the server and when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

23. The method according to claim 22, wherein before the receiving, by a first terminal device, chain attribute content associated with an initial pricing chain from a server, the method further comprises:

obtaining, by the first terminal device, key field content entered by a first service object on a chain creation interface, and obtaining auxiliary field content associated with the key field content; and adding the key field content and the auxiliary field content to a chain creation request;

transmitting, by the first terminal device, the chain creation request to the server; and

using, by the server, the key field content and the auxiliary field content that are carried in the chain creation request as the chain attribute content, and generating, based on the chain attribute content, the initial pricing chain with a chain header being a service pricing plug-in corresponding to the target service.

24. The method according to claim 22 or 23, wherein the obtaining, by the first terminal device, key field content entered by a first service object on a chain creation interface, and obtaining

auxiliary field content associated with the key field content; and adding the key field content and the auxiliary field content to a chain creation request comprises:

displaying, by the first terminal device, a pricing chain management interface; wherein the pricing chain management interface comprises a chain creation control;

displaying, by the first terminal device in response to a creation operation on the chain creation control, a chain creation interface for creating the initial pricing chain, and displaying a chain key field on the chain creation interface;

displaying, by the first terminal device, the key field content in an entry display area of the chain key field in response to an entry operation performed by the first service object on the entry display area of the chain key field; and

obtaining, by the first terminal device in response to a content confirmation operation on the key field content, the key field content, obtaining auxiliary field content generated by the first terminal device based on a chain auxiliary field, and generating, based on the key field content and the auxiliary field content, the chain creation request to be transmitted to the server.

25. The method according to any one of claims 22 to 24, wherein before the displaying, by the first terminal device, a pricing chain management interface, the method further comprises:

displaying, by the first terminal device, an access display interface used for accessing a pricing service system;

entering, by the first terminal device, access data information of the first service object on the access display interface, and displaying a system display interface of the pricing service system in response to a confirmation operation on the access data information; wherein the system display interface comprises a first display area and a second display area; and

the displaying a pricing chain management interface comprises: displaying, by the first terminal device in response to a management operation on a chain management control in the first display area, the pricing chain management interface in the second display area.

26. The method according to any one of claims 22 to 25, wherein the chain attribute content comprises the key field content associated with the initial pricing chain and the auxiliary field content associated with the initial pricing chain; and

the displaying the chain attribute content on the pricing chain management interface comprises:

displaying the key field content and the chain attribute content in a target list bar when the

target list bar is newly added to the chain management list of the pricing chain management interface; wherein

the auxiliary field content comprises chain creation record information and chain modification record information, the chain creation record information is recorded data information about creation of the initial pricing chain, and the chain modification record information is recorded data information about modification of the initial pricing chain.

27. The method according to any one of claims 22 to 26, wherein the plug-in configuration interface comprises a first plug-in selection area corresponding to the first pricing type and a second plug-in selection area corresponding to the second pricing type; and

the configuring a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface comprises:

displaying, by the first terminal device in response to a trigger operation on the first plug-in selection area, a first menu page associated with the first pricing type, and displaying the first pricing plug-in on the first menu page;

displaying, in the first plug-in selection area by the first terminal device in response to a configuration selection operation on the first pricing plug-in, the first pricing plug-in corresponding to the first pricing type;

displaying, by the first terminal device in response to a trigger operation on the second plug-in selection area, a second menu page associated with the second pricing type, and displaying the second pricing plug-in on the second menu page; and

displaying, in the second plug-in selection area by the first terminal device in response to a configuration selection operation on the second pricing plug-in, the second pricing plug-in corresponding to the second pricing type.

28. The method according to any one of claims 22 to 27, wherein the transmitting, by the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server comprises:

obtaining, by the first terminal device in response to a plug-in confirmation operation on the first pricing plug-in and the second pricing plug-in, a pricing priority of the first pricing type relative to the second pricing type;

determining, by the first terminal device based on the pricing priority, an arrangement display sequence of the second pricing plug-in relative to the first pricing plug-in; wherein there is an

inverse proportional relationship between the pricing priority and the arrangement display sequence;

generating, based on the arrangement display sequence and the service pricing plug-in as the chain header by the first terminal device, a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in, and transmitting the plug-in configuration request to the server.

29. The method according to any one of claims 22 to 28, wherein during the using, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header, the method further comprises:

generating, by the server, target chain details for viewing the target pricing chain, and adding the target pricing chain and the target chain details of the target pricing chain to a service database;

returning, by the server, the target chain details of the target pricing chain to the first terminal device; and

displaying, by the first terminal device, the target chain details of the target pricing chain on the pricing chain management interface.

30. The method according to any one of claims 22 to 29, wherein the pricing chain management interface comprises a form display area used for presenting chain attribute content of a pricing chain; and

the displaying, by the first terminal device, the target chain details of the target pricing chain on the pricing chain management interface comprises:

when a target list bar corresponding to the target pricing chain is displayed in the form display area, displaying, in the target list bar by the first terminal device, the target chain details for querying for the target pricing chain; wherein a target display style of the target chain details in the target list bar is a hyperlink display style or a control display style.

31. The method according to any one of claims 22 to 30, wherein the method further comprises:

when the target list bar corresponding to the target pricing chain is displayed in the form display area, displaying, by the first terminal device, a history list bar corresponding to a history pricing chain; and displaying, in the history list bar, history chain details for querying for the history pricing chain; wherein

the history pricing chain is determined based on history chain attribute content presented on the history list bar, the history pricing chain is a pricing chain generated before the target pricing chain, and display sequences of the history list bar and the target list bar are determined by performing sorting processing on the history chain attribute content and the target chain attribute content.

32. The method according to any one of claims 22 to 31, wherein the obtaining, by the server, an arrangement display sequence associated with the chain header from the plug-in configuration request, adding the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and using, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header comprises:

obtaining, by the server, the arrangement display sequence associated with the chain header from the plug-in configuration request, wherein the arrangement display sequence comprises a first relative display sequence of the second pricing plug-in relative to the service pricing plug-in and a second relative display sequence of the first pricing plug-in relative to the second pricing plug-in;

when the server adds, based on the first relative display sequence and the second relative display sequence, the second pricing plug-in and the first pricing plug-in to the initial pricing chain carrying the service pricing plug-in, determining the initial pricing chain to which the second pricing plug-in and the first pricing plug-in are added as a to-be-approved pricing chain;

transmitting, by the server, the to-be-approved pricing chain to an approving terminal corresponding to an approving object; wherein the approving terminal is configured to perform chain approval on the to-be-approved pricing chain, and generate, when the chain approval succeeds, approval success notification information that is about the to-be-approved pricing chain and that is to be returned to the server; and

receiving, by the server, the approval success notification information returned by the approving terminal, and determining, based on the approval success notification information, the to-be-approved pricing chain as the target pricing chain having a chain valid status.

33. The method according to any one of claims 22 to 32, wherein the displaying, by a second terminal device, a target object identifier of a target object on a pricing chain binding interface comprises:

displaying, by the second terminal device, subscription data information submitted by the target object for the target service; wherein the subscription data information comprises at least the

target object identifier of the target object; and

displaying, by the second terminal device in response to a trigger operation on the target object identifier, a pricing chain binding interface for chain binding of the target object, and displaying the target object identifier on the pricing chain binding interface.

34. The method according to any one of claims 22 to 33, wherein the determining a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier comprises:

displaying, by the second terminal device in response to an association configuration operation on the target object identifier, service binding data information on the pricing chain binding interface based on the target pricing scenario, the target chain identifier, and the target object identifier, and determining the binding configuration relationship between the target object and the target pricing chain based on the service binding data information.

35. The method according to any one of claims 22 to 34, wherein the service binding data information comprises the target object identifier, a target transaction resource pair associated with the target service, the target service scenario associated with the target service, and the target chain identifier; and

the displaying, by the second terminal device in response to an association configuration operation on the target object identifier, service binding data information on the pricing chain binding interface based on the target pricing scenario, the target chain identifier, and the target object identifier comprises:

configuring and displaying, on the pricing chain binding interface by the second terminal device in response to a transaction resource configuration operation on the target object, the target transaction resource pair for which a transaction binding relationship is created with the target object identifier; wherein the transaction binding relationship is a binding relationship created for the target object to bind a target position set;

configuring and displaying, by the second terminal device, the target service scenario on the pricing chain binding interface in response to a scenario configuration operation on the target object; and

configuring and displaying, on the pricing chain binding interface by the second terminal device in response to a chain binding operation on the target object, the target chain identifier for which a chain binding relationship is created with the target object identifier; wherein the chain binding relationship is used to indicate a binding relationship created for the target object identifier

to bind the target pricing chain in the target service scenario.

36. The method according to any one of claims 22 to 35, wherein the configuration completion information comprises first configuration completion information associated with the compliant configuration relationship, the binding configuration relationship comprises a chain binding relationship and a transaction binding relationship, the chain binding relationship is used to indicate a binding relationship that is created for the target object identifier and that is used to bind the target pricing chain in the target service scenario, and the transaction binding relationship is a binding relationship that is created for the target object and that is used to bind a target position set; and

the receiving, by the server, the binding configuration relationship from the second terminal device, and generating, when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device comprises:

receiving, by the server, the binding configuration relationship from the second terminal device, and obtaining, based on the binding configuration relationship, the target object identifier, the target transaction resource pair, the target service scenario, and the target chain identifier from the service binding data information submitted by the second terminal device;

performing, by the server, a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result;

performing, by the server, a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result;

generating, by the server when the first compliance check result indicates that the compliance check succeeds, pricing configuration completion information used for representing that the chain binding relationship is the compliant configuration relationship, and generating, when the second compliance check result indicates that the compliance check succeeds, first transaction configuration completion information used for representing that the transaction binding relationship is the compliant configuration relationship; and

triggering, by the server, generation of the first configuration completion information based on the pricing configuration completion information and the first transaction configuration completion information.

37. The method according to any one of claims 22 to 36, wherein the configuration completion information comprises second configuration completion information associated with the compliant

configuration relationship; and

the method further comprises:

ending, by the server, transaction configuration for the target transaction resource pair when the target transaction resource pair is an untradable resource, and generating second transaction configuration completion information associated with a reference pricing provided by the target pricing chain; and

triggering, by the server, generation of the second configuration completion information based on the pricing configuration completion information and the second transaction configuration completion information.

38. The method according to any one of claims 22 to 37, wherein the performing, by the server, a first compliance check on the target object corresponding to the target object identifier, the target service scenario associated with the target service, and the target pricing chain corresponding to the target chain identifier, to obtain a first compliance check result comprises:

determining, as a reference object by the server, a subscribed object that is obtained from a service database and that matches the target object identifier; and comparing the reference object with the target object, to obtain a first comparison result;

determining, as a reference pricing chain by the server, a pricing chain that is obtained from the service database and that matches the target chain identifier; and comparing the reference pricing chain with the target pricing chain, to obtain a second comparison result;

determining, as a reference service scenario by the server, a service scenario that is obtained from the service database and that is associated with the target object; and comparing the reference service scenario with the target service scenario, to obtain a third comparison result;

determining, as a reference service type by the server, a service type that is obtained from the service database and that is adapted to the reference pricing chain; and comparing the reference service type with the target service type of the target service, to obtain a fourth comparison result; and

determining, as the first compliance check result by the server, a check result obtained when the first comparison result indicates that the reference object and the target object are the same object, the second comparison result indicates that the reference pricing chain and the target pricing chain are the same pricing chain, the reference service scenario and the target service scenario are the same service scenario, and the reference service type and the target service type are the same service type.

39. The method according to any one of claims 22 to 38, wherein the target position set is used for representing a total target transaction volume of the target transaction resource pair associated with the target service, the target transaction resource pair is a transaction resource pair comprising a first transaction resource and a second transaction resource, and a resource type of the first transaction resource is different from a resource type of the second transaction resource; and

the performing a second compliance check on the target position set when the target transaction resource pair is a tradable resource, to obtain a second compliance check result comprises:

determining, as a reference position set when the target transaction resource pair is a tradable resource and by the server, a position set that is obtained from the service database and that has a transaction binding relationship with the target object;

determining, by the server, a total transaction volume corresponding to the reference position set as a total reference transaction volume, and comparing the total reference transaction volume with the total target transaction volume, to obtain a fifth comparison result; and

determining, as the second compliance check result by the server, a check result obtained when the fifth comparison result indicates that the total reference transaction volume and the total target transaction volume are the same total transaction volume.

40. A pricing chain processing system, the pricing chain processing system comprising a first terminal device, a second terminal device, and a server;

the first terminal device being configured to receive chain attribute content associated with an initial pricing chain from the server, and display the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content, a chain header of the initial pricing chain being a service pricing plug-in corresponding to a target service, and the chain attribute content comprising at least a target service type of the target service;

the first terminal device being further configured to display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type;

the first terminal device being further configured to transmit a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in

to the server;

the server being configured to obtain an arrangement display sequence associated with the chain header from the plug-in configuration request, add the second pricing plug-in and the first pricing plug-in to the initial pricing chain based on the arrangement display sequence, and use, as a target pricing chain created for the target service type, the initial pricing chain to which the first pricing plug-in and the second pricing plug-in are added after the chain header;

the second terminal device being configured to display a target object identifier of a target object on a pricing chain binding interface, and when a target chain identifier of the target pricing chain and a target pricing scenario of the target service type are obtained from the server, determine a binding configuration relationship between the target object and the target pricing chain based on the target pricing scenario, the target chain identifier, and the target object identifier;

the second terminal device being configured to transmit the binding configuration relationship to the server; and

the server being further configured to generate, when determining that the binding configuration relationship of the target object is a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

41. A pricing chain processing apparatus, comprising:

a first receiving module, configured to receive a plug-in configuration request from a first terminal device; the plug-in configuration request being used for performing plug-in configuration on a first pricing plug-in and a second pricing plug-in that are configured for the first terminal device;

a chain generation module, configured to add the second pricing plug-in and the first pricing plug-in to a chain header of an initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, the initial pricing chain being generated by the server based on chain attribute content;

a first transmission module, configured to transmit a target chain identifier of the target pricing chain and a target pricing scenario of the target service type to a second terminal device;

a second receiving module, configured to receive a binding configuration relationship between a target object and the target pricing chain from the second terminal device; the binding configuration relationship being determined by the second terminal device based on the target

pricing scenario, the target chain identifier, and a target object identifier of the target object; and

a generation module, configured to generate, in response to the binding configuration relationship of the target object being a compliant configuration relationship, configuration completion information to be returned to the second terminal device; the configuration completion information indicates provision of pricing information to the target object through the target pricing chain in the target pricing scenario.

42. A pricing chain processing apparatus, comprising:

a third receiving module, configured to receive chain attribute content associated with an initial pricing chain from a server, and display the chain attribute content on a pricing chain management interface; the initial pricing chain being generated by the server based on the chain attribute content;

a display module, configured to display a plug-in configuration interface for the initial pricing chain in response to a trigger operation on a plug-in configuration control on the pricing chain management interface, and configure a first pricing plug-in corresponding to a first pricing type and a second pricing plug-in corresponding to a second pricing type on the plug-in configuration interface; the first pricing type being different from the second pricing type; and

a second transmission module, configured to transmit a plug-in configuration request used for performing plug-in configuration on the first pricing plug-in and the second pricing plug-in to the server; the server being configured to add the second pricing plug-in and the first pricing plug-in to a chain header of the initial pricing chain in response to the plug-in configuration request, to obtain a target pricing chain created for a target service type, and configured to provide pricing information for a target object through the target pricing chain.

43. A computer device, comprising:

a memory, configured to store computer-executable instructions or computer programs; and

a processor, configured to implement, when executing the computer-executable instructions or computer program stored in the memory, the pricing chain processing method according to any one of claims 1 to 21.

44. A computer-readable storage medium, having computer-executable instructions or computer programs stored therein, when the computer-executable instructions or computer programs are executed by a processor, the pricing chain processing method according to any one of claims 1 to 39 being implemented.

45. A computer program product, comprising computer-executable instructions or computer

programs, when the computer-executable instructions or computer programs are executed by a processor, the pricing chain processing method according to any one of claims 1 to 39 being implemented.