

What is claimed is:

1. A computer-implemented method for sharing network data and prioritizing uplink and downlink bandwidths, comprising:

receiving, by a computer device of a service platform, a request from a user terminal of a first user, the request comprising a commitment that the first user will send no less than a predetermined amount of first network data to a second user within a predetermined period of time to obtain second network data from the second user wherein a ratio of an amount of the first network data sent by the first user to a standard amount of the first network data corresponding to the second network data is a first ratio a , and $0 < a < 1$;

verifying, by the computer device of the service platform, a credit value of the first user;

in response to the credit value reaching a predetermined credit value, accepting, by the computer device of the service platform, the request of the first user and allocating bandwidths for the first user to downlink network data transfer with a higher priority than uplink network data transfer;

receiving, by the computer device of the service platform, an authentication request comprising a first identifier of the first user from the second user;

automatically calculating, by the computer device of the service platform, according to the first identifier, an actual amount of the first network data required for the first user to obtain the second network data at the first ratio a ;

in response to the first user sending the actual amount of the first network data to the second user for obtaining the second network data, verifying, by the computer device of the service platform, whether the first user fulfills the commitment; and

in response to the first user failing to fulfill the commitment, triggering, by the computer device of the service platform, a balance compensation process to cause the first user to send a balance network data to the second user by a deadline, wherein a ratio of an amount of the balance network data to the standard amount of the first network data is a second ratio b , and $0 < b \leq 1 - a$.

2. The method of claim 1, wherein triggering a balance compensation process comprises:

sending a notification to the first user; and/or

deducting the balance network data from a user resource pool corresponding to the first user and sending the balance network data to the second user.

3. The method of claim 1, further comprising:

in response to the first user failing to send the balance network data to the second user by the deadline, initiating a credit default process against the first user.

4. The method of claim 1, wherein the first user has at least one associated user whose credit value reaches the predetermined credit value, the at least one associated user makes the same commitment, and the method further comprises:

decreasing a value of the first ratio a ; and

in response to the first user fulfilling the commitment and the at least one associated user failing to fulfill the commitment, triggering an adjusted compensation process, to cause the first user to send an adjusted network data to the second user at a third ratio c by a second deadline, wherein the third ratio c is a ratio of an amount of the adjusted network data to the standard amount of the first network data, and a value of the third ratio c is equal to the decreased value of the first ratio a .

5. The method of claim 1, wherein the first user has at least one associated user whose credit value reaches the predetermined credit value, the at least one associated user makes the same commitment, and the method further comprises:

in response to both the first user and the at least one associated user fulfilling the commitment, triggering a refund process, to cause the second user to send a refund network data to the first user at a fourth ratio d , wherein the fourth ratio d is a ratio of an amount of the refund network data to the standard amount of the first network data, and $0 < d < a$.

6. The method of claim 1, wherein the first user has at least one associated user whose credit value reaches the predetermined credit value, the at least one associated user makes the same commitment, and the method further comprises:

in response to the first user and the at least one associated user sending a total amount of network data no less than the predetermined amount of the first network data to the second user within the predetermined period of time, determining the ratio of the amount of network data sent by the first user to the standard amount of the first network data corresponding to the second network data provided by the second user as the first ratio a .

7. An apparatus for sharing network data and prioritizing uplink and downlink bandwidth, comprising one or more processors and a non-transitory computer-readable memory coupled to the one or more processors and configured with instructions executable by the one or more processors to perform the method according to any one of claims 1-6

8. A non-transitory computer-readable storage medium for sharing network data and prioritizing uplink and downlink bandwidths, storing instructions executable by one or more processors to cause the one or more processors to perform the method according to any one of claims 1-6.