

CLAIMS

What is claimed is:

1. A service processing method, comprising:
 - receiving a service participation request transmitted by a user terminal for a target service, wherein the user terminal comprises an iOS operating system;
 - obtaining target identification data from a system server according to an identifier of the user terminal and an identifier of an application (APP) corresponding to the target service carried in the service participation request, wherein the target identification data comprises a value of a first bit and a value of a second bit, wherein the value of the first bit is used for identifying first identification data used for identifying whether the user terminal has participated in the target service, the value of the second bit is used for identifying second identification data used for identifying whether device data of the user terminal is modified, and the system server corresponds to the iOS operating system; and
 - determining, according to the target identification data, whether to allow the user terminal to participate in the target service.
2. The method according to claim 1, wherein the obtaining target identification data from a system server according to the service participation request comprises:
 - obtaining a passage certificate of the system server, wherein the passage certificate is used for exchanging with the system server for data, and the passage certificate is valid in a set duration; and
 - obtaining the target identification data from the system server based on the passage certificate and the service participation request.
3. The method according to claim 2, wherein
 - the obtaining the target identification data from the system server based on the passage certificate and the service participation request comprises:
 - transmitting a data obtaining request to the system server, wherein the data obtaining request carries the passage certificate, the identifier of the user terminal, and the identifier of the APP; and
 - receiving the target identification data that corresponds to the identifier of the user terminal and the identifier of the APP, and returned by the system server.
4. The method according to claim 1, wherein
 - the determining, according to the target identification data, whether to allow the user terminal to participate in the target service comprises:

determining whether the first identification data is a first specified value, and determining whether the second identification data is a second specified value, wherein the first specified value indicates that the user terminal has participated in the target service, and the second specified value indicates that the device data of the user terminal is modified; and

determining, if a determining result indicates that the first identification data is the first specified value and/or the second identification data is the second specified value, not to allow the user terminal to participate in the target service; otherwise, determining to allow the user terminal to participate in the target service.

5. The method according to claim 4, further comprising:

setting a value of the first identification data to the first specified value when it is determined that the user terminal has participated in the target service; and setting a value of the second identification data to the second specified value when it is determined that the device data of the user terminal is modified.

6. The method according to claim 1, wherein if it is determined that the first identification data is a first specified value, and the first specified value indicates that the user terminal has participated in the target service,

the method further comprises:

detecting whether the device data of the user terminal changes, and determining, according to a detection result, whether the device data of the user terminal is modified.

7. The method according to claim 2, wherein the obtaining a passage certificate of the system server comprises:

transmitting an obtaining request for the passage certificate to the system server through a device check interface; and

receiving the passage certificate that is returned by the system server through the device check interface.

8. A service processing apparatus, comprising:

a receiving module, configured to receive a service participation request transmitted by a user terminal for a target service, wherein the user terminal comprises an iOS operating system;

an obtaining module, configured to obtain target identification data from a system server according to an identifier of the user terminal and an identifier of an application (APP) corresponding to the target service carried in the service participation request, wherein the target identification data comprises a value of a first bit and a value of a second bit, wherein the value of the first bit is used for identifying first identification data used for identifying whether the user terminal has participated in the target service, the value of the second bit is

used for identifying second identification data used for identifying whether device data of the user terminal is modified, and the system server corresponds to the iOS operating system; and

a first determining module, configured to determine, according to the target identification data, whether to allow the user terminal to participate in the target service.

9. The apparatus according to claim 8, wherein the obtaining module comprises:

a first obtaining unit, configured to obtain a passage certificate of the system server, wherein the passage certificate is used for exchanging with the system server for data, and the passage certificate is valid in a set duration; and

a second obtaining unit, configured to obtain the target identification data from the system server based on the passage certificate and the service participation request.

10. The apparatus according to claim 8, wherein

the first determining module comprises:

a judgment unit, configured to determine whether the first identification data is a first specified value, and determine whether the second identification data is a second specified value, wherein the first specified value indicates that the user terminal has participated in the target service, and the second specified value indicates that the device data of the user terminal is modified, and

a determining unit, configured to determine, if a determining result indicates that the first identification data is the first specified value and/or the second identification data is the second specified value, not to allow the user terminal to participate in the target service; otherwise, determine to allow the user terminal to participate in the target service.

11. The apparatus according to claim 10, further comprising:

a setting module, configured to set a value of the first identification data to the first specified value when it is determined that the user terminal has participated in the target service; and set a value of the second identification data to the second specified value when it is determined that the device data of the user terminal is modified.

12. The apparatus according to claim 8, wherein if it is determined that the first identification data is a first specified value, and the first specified value indicates that the user terminal has participated in the target service,

the apparatus further comprises:

a detection module, configured to detect whether the device data of the user terminal changes; and

a second determining module, configured to determine, according to a detection result, whether the device data of the user terminal is modified.

13. A service processing device, comprising:
- a processor; and
 - a memory arranged to store computer-executable instructions, wherein the executable instructions, when executed, cause the processor to:
 - receive a service participation request transmitted by a user terminal for a target service, wherein the user terminal comprises an iOS operating system;
 - obtain target identification data from a system server according to an identifier of the user terminal and an identifier of an application (APP) corresponding to the target service carried in the service participation request, wherein the target identification data comprises a value of a first bit and a value of a second bit, wherein the value of the first bit is used for identifying first identification data used for identifying whether the user terminal has participated in the target service, the value of the second bit is used for identifying second identification data used for identifying whether device data of the user terminal is modified, and the system server corresponds to the operating system of the user terminal; and
 - determine, according to the target identification data, whether to allow the user terminal to participate in the target service.
14. A storage medium for storing computer-executable instructions, wherein when the executable instructions are executed, the following procedure is implemented:
- receiving a service participation request transmitted by a user terminal for a target service, wherein the user terminal comprises an iOS operating system;
 - obtaining target identification data from a system server according to an identifier of the user terminal and an identifier of an application (APP) corresponding to the target service carried in the service participation request, wherein the target identification data comprises a value of a first bit and a value of a second bit, wherein the value of the first bit is used for identifying first identification data used for identifying whether the user terminal has participated in the target service, the value of the second bit is used for identifying second identification data used for identifying whether device data of the user terminal is modified, and the system server corresponds to the operating system of the user terminal; and
 - determining, according to the target identification data, whether to allow the user terminal to participate in the target service.