

CLAIMS

1. A computer-implemented method, comprising:

detecting execution of a target service program by a computing device that is one of a plurality of pre-defined service programs to be suspended to complete an identity verification of a user using the target service program;

suspending execution of the target service program on the computing device;

determining that identity verification needs to be performed;

in response to determining that identity verification needs to be performed, executing, on the computing device, an identity verification program that is independent from the target service program, wherein executing the identity verification program comprises

displaying, on the computing device, an interface of gesture verification,

receiving a gesture pattern entered by a user,

comparing, by the identity verification program, the gesture pattern entered by the user to a pre-stored gesture pattern, and

determining, based upon the gesture pattern entered by the user being the same as the pre-stored gesture pattern, an identity verification result of an identity of the user; and

in response to determining that the identity verification indicates that the identity of the user is verified, resuming execution of the target service program.

2. The method according to claim 1, wherein detecting that the target service program is executing comprises:

detecting that the target service program is executing a target process associated with a service interface; and

determining that the target process is one of a plurality of pre-defined target processes to be used to identify target service programs to be suspended.

3. The method according to claim 2, wherein the target process calls a target function used to display the service interface, and wherein the target function is one of a plurality of pre-defined target functions to be used to identify corresponding target service programs to be suspended..

4. The method according to any one of claims 1 to 3, further comprising:
determining that the identity verification result indicates that the identity of the user is not verified; and
in response to determining that the identity verification result indicates that the identity of the user is not verified, terminating the target service program.

5. The method according to claim 2, wherein suspending execution of the target service program comprises:

determining if a match exists between a pre-defined policy set and at least one of characteristic information of the target service program and characteristic information of the target process executed by the target service program;

and

in response to determining that the match exists, suspending execution of the target service program.

6. The method according to claim 5, wherein the method further comprises:
configuring the policy set based on characteristic information of the target service program and the characteristic information of the process.

7. The method according to claim 5, wherein the characteristic information comprises at least one of an identifier of the target service program, an identifier of the target process, an identifier of the service interface, and a network address of the service interface.

8. The method according to any one of claims 1 to 3, wherein the identity verification of the user includes verifying at least one of a gesture of the user, a fingerprint of the user, and a password of the user.

9. The method according to claim 1, further comprising:
determining other service programs that are currently in use by the user; and
suspending the other service programs.

10. An apparatus for identity verification, the apparatus comprising a plurality of modules configured to perform the method of any one of claims 1 to 9.