

CLAIMS

What is claimed is:

1. A computer-implemented method for file packaging, wherein the method comprises:

- 5 obtaining, by a server, at least one to-be-packaged file;
 generating, by the server, a compressed file by compressing a to-be-packaged file
of the at least one to-be-packaged file;
 generating, by the server, a storage location identifier based on a security level of
the to-be-packaged file,
10 wherein the storage location identifier indicates a storage location of a
decompressed file in a terminal device, wherein the decompressed file is obtained after
decompression of the compressed file by the terminal device,
 wherein the security level of the to-be-packaged file is high when the to-be-
packaged file comprises a resource configuration file or a script file, wherein the
15 security level of the to-be-packaged file is low when the to-be-packaged file comprises
a video file or an image file,
 and wherein the storage location is in a memory in the terminal device when
the security level is high, and wherein the storage location is in a local disk in the
terminal device when the security level is low; and
20 generating, by the server, a file package, wherein the file package comprises the
compressed file and additional information that comprises the storage location
identifier.

2. The computer-implemented method according to claim 1, wherein the additional
25 information further comprises an encrypted file name corresponding to a file name of
the decompressed file when the storage location of the decompressed file is in the local
disk in the terminal device.

3. The computer-implemented method according to claim 2, wherein the encrypted
30 file name is generated using an irreversible encryption algorithm.

4. The computer-implemented method according to claim 1, wherein the security level is determined based on a file extension or a file size of the to-be-packaged file.

5. The computer-implemented method according to claim 1, wherein the generating a file package comprises:

generating, by the server, a file package by appending the compressed file after the additional information.

6. A non-transitory, computer-readable medium storing one or more instructions executable by a computer system to perform operations comprising:

obtaining, by a server, at least one to-be-packaged file;

generating, by the server, a compressed file by compressing a to-be-packaged file of the at least one to-be-packaged file;

generating, by the server, a storage location identifier based on a security level of the to-be-packaged file,

wherein the storage location identifier indicates a storage location of a decompressed file in a terminal device, wherein the decompressed file is obtained after decompression of the compressed file by the terminal device,

wherein the security level of the to-be-packaged file is high when the to-be-packaged file comprises a resource configuration file or a script file, wherein the security level of the to-be-packaged file is low when the to-be-packaged file comprises a video file or an image file,

and wherein the storage location is in a memory in the terminal device when the security level is high, and wherein the storage location is in a local disk in the terminal device when the security level is low; and

generating, by the server, a file package, wherein the file package comprises the compressed file and additional information, and wherein the additional information comprises the storage location identifier.

7. The non-transitory, computer-readable medium of claim 6, wherein the additional information further comprises an encrypted file name corresponding to a file name of the decompressed file when the storage location of the decompressed file is in the local disk in the terminal device.

8. The non-transitory, computer-readable medium of claim 7, wherein the encrypted file name is generated using an irreversible encryption algorithm.

9. The non-transitory, computer-readable medium of claim 6, wherein the security
5 level is determined based on at least one of a file extension or a file size of the to-be-packaged file.

10. The non-transitory, computer-readable medium of claim 6, wherein the
generating a file package comprises:
10 generating, by the server, a file package by appending the compressed file after the additional information.

11. A computer-implemented system, comprising:
one or more computers; and
15 one or more computer memory devices interoperably coupled with the one or more computers and having tangible, non-transitory, machine-readable media storing one or more instructions that, when executed by the one or more computers, perform one or more operations comprising:

obtaining, by a server, at least one to-be-packaged file;
20 generating, by the server, a compressed file by compressing a to-be-packaged file of the at least one to-be-packaged file;

generating, by the server, a storage location identifier based on a security level of the to-be-packaged file,

wherein the storage location identifier indicates a storage location of a
25 decompressed file in a terminal device, wherein the decompressed file is obtained after decompression of the compressed file by the terminal device,

wherein the security level of the to-be-packaged file is high when the to-be-packaged file comprises a resource configuration file or a script file, wherein the security level of the to-be-packaged file is low when the to-be-packaged file comprises
30 a video file or an image file,

and wherein the storage location is in a memory in the terminal device when the security level is high, and wherein the storage location is in a local disk in the terminal device when the security level is low; and

generating, by the server, a file package, wherein the file package comprises the

compressed file and additional information, and wherein the additional information comprises the storage location identifier.

5 12. The computer-implemented system of claim 11, wherein the additional information further comprises an encrypted file name corresponding to a file name of the decompressed file when the storage location of the decompressed file is in the local disk in the terminal device.

10 13. The computer-implemented system of claim 12, wherein the encrypted file name is generated using an irreversible encryption algorithm.

15 14. The computer-implemented system of claim 11, wherein the security level is determined based on at least one of a file extension or a file size of the to-be-packaged file.

15 15. The computer-implemented system of claim 11, wherein the generating a file package comprises:

generating, by the server, a file package by appending the compressed file after the additional information.

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