

TRUSTED EXECUTION ENVIRONMENT CONSTRUCTION METHODS, APPARATUSES, AND DEVICES

ABSTRACT

Embodiments of this specification disclose trusted execution environment
5 construction methods, apparatuses, and devices. The methods include the following:
obtaining regulatory requirement information of a trusted execution environment;
parsing the regulatory requirement information to obtain atomized security function
information that is applied to the trusted execution environment; performing formal
parsing processing on the security function information to obtain a security solution of
10 the trusted execution environment, where the security solution can prove that it satisfies
the regulatory requirement information, and generating a test case corresponding to the
security solution of the trusted execution environment based on an axiom of the security
solution of the trusted execution environment; and constructing, by using a
predetermined property migration mechanism based on the security solution of the
15 trusted execution environment and the test case corresponding to the security solution
of the trusted execution environment, a trusted execution environment that has same
property information as the security solution and the test case with respect to a
predetermined property item in a target scenario.

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FIG. 1