

ON-DEMAND STARTING METHODS AND APPARATUSES FOR MOBILE-TERMINAL ASPECT-ORIENTED SECURITY

ABSTRACT

This application relates to on-demand starting methods and apparatuses for mobile-terminal aspect-oriented security. The method includes: after aspect-oriented security on a mobile terminal is started with a service application program on the mobile terminal, determining whether the mobile terminal is at risk of being attacked; and if yes, acquiring, based on a manner in which the mobile terminal is attacked, an attacked function in the service application program as an injection point, and injecting an aspect program from the injection point by using an aspect base of the aspect-oriented security on the mobile terminal, to execute an aspect-oriented security service by using the injected aspect program; or otherwise, exiting the aspect-oriented security on the mobile terminal. According to on-demand starting methods and apparatuses for mobile-terminal aspect-oriented security, after the aspect-oriented security on the mobile terminal is started, it is first determined whether the mobile terminal is at risk of being attacked. After it is determined that the mobile terminal is at risk of being attacked, the aspect-oriented security on the mobile terminal runs, and injection is performed from a related injection point based on an attack manner. Otherwise, the aspect-oriented security on the mobile terminal is exited. As such, the aspect-oriented security on the mobile terminal is started on demand, thereby avoiding unnecessary resource waste.

FIG. 1