

ABSTRACT

This application provides a broadcast message protection method and a related apparatus. In the method, integrity protection information of a first broadcast message may be generated, where the integrity protection information is generated based on a beam index of a beam used to send or receive the first broadcast message; and then the integrity protection information of the first broadcast message may be sent. It can be learned that, in this application, a beam index of a beam used to send or receive a broadcast message may be introduced to generate integrity protection information, so that broadcast messages in different beam directions can be protected at a granularity of a beam direction, and the broadcast messages in the different beam directions can be prevented from being replayed; or a network device can identify, in a timely manner based on the integrity protection information, whether the broadcast messages in the different beam directions are secure, thereby improving security of the broadcast messages sent through an air interface.