

ABSTRACT

Embodiments of the present invention provide a data transmission method and device, and a computer storage medium. The method comprises: a non-access stratum of a terminal device obtains description information of data to be transmitted; the non-access stratum determines, according to a mapping relationship between preset data description information and reliability transmission indication information, and the description information of the data to be transmitted, the reliability transmission indication information corresponding to the data to be transmitted, wherein the reliability transmission indication information is used for indicating whether to perform reliability transmission on the data to be transmitted; in response to the feature that the reliability transmission indication information indicates to perform reliability transmission on the data to be transmitted, after the non-access stratum transmits the reliability transmission indication information corresponding to the data to be transmitted to an access stratum of the terminal device, the access stratum sends a reliability transmission request message to a network device, wherein the reliability transmission request message is used for transmitting the data to be transmitted between the terminal device and the network device by means of a set reliability transmission policy.

FIG. 4