CLAIMS

1. A communication method, comprising:

configuring, by a core network element, first parameter information, wherein the first parameter information is quality of service QoS control parameter information of a non-3rd generation partnership project N3GPP access technology, and the first parameter information is used to perform QoS control on an air interface channel of an N3GPP network on a service flow data packet transmitted by a first terminal device by using the N3GPP access technology; and

sending, by the core network element, the first parameter information to an N3GPP access network device; wherein the first parameter information comprises a channel access parameter of the N3GPP access technology, wherein the channel access parameter of the N3GPP access technology comprises a correspondence between an N3GPP connection QoS identifier and a channel QoS parameter.

2. The method according to claim 1, wherein the first parameter information further comprises at least one of the following:

a delay, a packet loss rate, guaranteed bandwidth, maximum bandwidth, a peak rate, and a jitter.

3. The method according to claim 1 or 2, wherein before the sending, by the core network element, the first parameter information, the method further comprises:

receiving, by the core network element, first indication information, wherein the first indication information indicates that the first terminal device accesses the core network element by using the N3GPP access technology; and

the configuring, by a core network element, first parameter information comprises:

determining, by the core network element, the first parameter information based on the first indication information.

4. The method according to claim 1 or 2, wherein the method further comprises:

obtaining, by the core network element, mapping relationship information, wherein the mapping relationship information indicates correspondences between a plurality of groups of QoS control parameter information and a plurality of identifiers; and

the configuring, by a core network element, first parameter information comprises:

determining, by the core network element as the first parameter information based on the mapping relationship information, QoS control parameter information corresponding to a first identifier, wherein the first identifier is a related identifier that is of the N3GPP access technology and that is used by the first terminal device.

5. The method according to claim 4, wherein the first identifier comprises at least one of a location area identifier and a network identifier.

6. A communication method, comprising:

receiving, by a first terminal device, first parameter information from a core network element, wherein the first parameter information is QoS control parameter information of a non-3rd generation partnership project N3GPP access technology; and

performing, by the first terminal device based on the first parameter information, QoS control on an air interface channel of an N3GPP network on a service flow data packet transmitted by the first terminal device by using the N3GPP access technology; wherein the first parameter information comprises a channel access parameter of the N3GPP access technology, wherein the channel access parameter of the N3GPP access technology comprises a correspondence between an N3GPP connection QoS identifier and a channel QoS parameter.

7. The method according to claim 6, wherein the first parameter information comprises at least one of the following:

a delay, a packet loss rate, guaranteed bandwidth, maximum bandwidth, a peak rate, and a jitter.

8. The method according to claim 6 or 7, wherein the service flow data packet comprises a first terminal identifier, and the first terminal identifier is an identifier of the first terminal device in an N3GPP access network.

9. A communication apparatus, comprising a module configured to perform the method according to any one of claims 1 to 5, or comprising a module configured to perform the method according to any one of claims 6 to 8.

10. A communication apparatus, comprising a processor and a memory, wherein the memory is configured to store one or more computer programs, and when the one or more computer programs are run, the method according to any one of claims 1 to 5 is performed, or the method according to any one of claims 6 to 8 is performed.

11. A communication system, wherein the communication system comprises a core network element, an N3GPP access network device, and a first terminal device; and the core network element is configured to perform the method according to any one of claims 1 to 5, and the first terminal device is configured to perform the method according to any one of claims 6 to 8.

12. A computer-readable storage medium, wherein the computer-readable storage medium is configured to store a computer program, and when the computer program is run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 5, or the computer is enabled to perform the method according to any one of claims 6 to 8.

13. A computer program product, wherein the computer program product comprises computer

program code, and when the computer program code is run, the method according to any one of claims 1 to 5 is implemented, or the method according to any one of claims 6 to 8 is implemented.