## CLAIMS

1. A communication method, comprising:

receiving, by a first device, a stream classification service (SCS) request frame from a second device, wherein the SCS request frame comprises a quality of service (QoS) parameter of a service flow, and the SCS request frame further comprises identification information of the second device and identification information of a third device; and

scheduling, by the first device, the service flow between the second device and the third device based on the SCS request frame.

2. The method according to claim 1, wherein the SCS request frame further comprises indication information, and the scheduling, by the first device, the service flow between the second device and the third device based on the SCS request frame comprises:

scheduling, by the first device, the service flow between the second device and the third device based on the indication information and the QoS parameter of the service flow.

3. The method according to claim 1 or 2, wherein the scheduling, by the first device, the service flow between the second device and the third device based on the SCS request frame comprises:

when the QoS parameter of the service flow comprises an uplink QoS parameter of the service flow, scheduling, by the first device, uplink transmission of the service flow on the second device and downlink transmission of the service flow on the third device based on the SCS request frame; and/or

when the QoS parameter of the service flow comprises a downlink QoS parameter of the service flow, scheduling, by the first device, downlink transmission of the service flow on the second device and uplink transmission of the service flow on the third device based on the SCS request frame.

4. The method according to any one of claims 1 to 3, wherein the method further comprises:

determining, by the first device based on the identification information of the second device and the identification information of the third device, that both the second device and the third device are associated with the first device.

5. The method according to any one of claims 1 to 4, wherein the first device is an access point multi-link device, the second device is a non-access point multi-link device, and the third device is a non-access point multi-link device or a device that does not support QoS parameter reporting.

6. The method according to any one of claims 1 to 5, wherein

the identification information of the second device is a medium access control (MAC) address

of the second device, and the identification information of the third device is a MAC address of the third device; and

source address information of the service flow is the identification information of the second device, and destination address information of the service flow is the identification information of the third device; or

source address information of the service flow is the identification information of the third device, and destination address information of the service flow is the identification information of the second device.

7. The method according to claim 2, wherein the indication information is carried in a QoS characteristics element of the SCS request frame.

8. The method according to any one of claims 1 to 7, wherein the identification information of the second device and the identification information of the third device are carried in a traffic classification element of the SCS request frame.

9. The method according to any one of claims 1 to 8, wherein the QoS parameter of the service flow comprises a minimum service interval and/or a maximum service interval.

10. The method according to any one of claims 1 to 9, wherein the method further comprises:

sending, by the first device, an SCS response frame to the second device, wherein the SCS response frame indicates that the service flow is accepted.

11. A communication method, comprising:

generating, by a second device, a stream classification service (SCS) request frame, wherein the SCS request frame comprises a quality of service (QoS) parameter of a service flow, and the SCS request frame further comprises identification information of the second device and identification information of a third device; and

sending, by the second device, the SCS request frame to a first device, wherein the SCS request frame is used by the first device to schedule the service flow between the second device and the third device.

12. The method according to claim 11, wherein the SCS request frame further comprises indication information, and the indication information and the QoS parameter of the service flow are used by the first device to schedule the service flow between the second device and the third device.

13. The method according to claim 11 or 12, wherein

the QoS parameter of the service flow comprises an uplink QoS parameter of the service flow, and the QoS parameter of the service flow is used by the first device to schedule uplink transmission of the service flow on the second device and downlink transmission of the service flow on the third device; and/or

the QoS parameter of the service flow comprises a downlink QoS parameter of the service flow, and the QoS parameter of the service flow is used by the first device to schedule downlink transmission of the service flow on the second device and uplink transmission of the service flow on the third device.

14. The method according to any one of claims 11 to 13, wherein the first device is an access point multi-link device, the second device is a non-access point multi-link device, and the third device is a non-access point multi-link device or a device that does not support QoS parameter reporting.

15. The method according to any one of claims 11 to 14, wherein

the identification information of the second device is a medium access control (MAC) address of the second device, and the identification information of the third device is a MAC address of the third device; and

source address information of the service flow is the identification information of the second device, and destination address information of the service flow is the identification information of the third device; or

source address information of the service flow is the identification information of the third device, and destination address information of the service flow is the identification information of the second device.

16. The method according to claim 12, wherein the indication information is carried in a QoS characteristics element of the SCS request frame.

17. The method according to any one of claims 11 to 16, wherein the identification information of the second device and the identification information of the third device are carried in a traffic classification element of the SCS request frame.

18. A communication apparatus, wherein the communication apparatus comprises at least one processor, and the at least one processor is configured to perform the method according to any one of claims 1 to 17.

19. A computer-readable storage medium, wherein the computer-readable storage medium stores computer instructions, and when the computer instructions are executed, the computer is enabled to perform the method according to any one of claims 1 to 17.

20. A chip, wherein the chip comprises at least one processor and an interface, the processor is configured to read and execute instructions stored in a memory, and when the instructions are run, the chip is enabled to perform the method according to any one of claims 1 to 17.