CLAIMS

1. A communication method, comprising:

sending, by a first access point, AP, a first radio frame to a second AP, wherein the first radio frame is used to request to modify an restricted target wake time, RTWT parameter of at least one RTWT agreement of the second AP; and

receiving, by the first AP, a second radio frame from the second AP, wherein the second radio frame is a response frame of the first radio frame.

2. A communication method, comprising:

receiving, by a second access, point AP, a first radio frame from a first AP, wherein the first radio frame is used to request to modify an restricted target wake time, RTWT parameter of at least one RTWT agreement of the second AP; and

sending, by the second AP, a second radio frame to the first AP, wherein the second radio frame is a response frame of the first radio frame.

3. The method according to claim 1 or claim 2, wherein the RTWT parameter that the first radio frame requests the second AP to modify comprises one or more of the following: a start time of a 1st RTWT service period, SP, a minimum duration of an RTWT SP, or an interval between adjacent RTWT SPs.

4. The method according to any one of claims 1 to 3, wherein the first radio frame comprises first indication information, the first indication information indicates a first RTWT agreement of the second AP, and the first radio frame is used to request to modify an RTWT parameter of the first RTWT agreement.

5. The method according to claim 4, wherein the first indication information is an identifier of the first RTWT agreement.

6. The method according to claim 5, wherein the identifier of the first RTWT agreement is carried in a broadcast target wake time TWT identifier field of the first radio frame.

7. The method according to any one of claims 1 to 6, wherein the first radio frame comprises second indication information, the second indication information indicates a modification amount of the RTWT parameter, and the modification amount of the RTWT parameter is used for modification of the RTWT parameter of the at least one RTWT agreement of the second AP, wherein the modification amount of the RTWT parameter comprises one or more of the following: a modification amount of a start time of a 1st RTWT SP, a modification amount of a minimum duration of an RTWT SP, or a modification amount of an interval between adjacent RTWT SPs.

8. The method according to claim 7, wherein the modification amount of the RTWT parameter

comprises the modification amount of the start time of the 1st RTWT SP, and the modification amount of the start time of the 1st RTWT SP indicates an amount by which a first start time is advanced, or indicates an amount by which a first start time is delayed, wherein the first start time is a start time of a 1st RTWT SP comprised in an RTWT parameter of a first RTWT agreement of the second AP, and the at least one RTWT agreement comprises the first RTWT agreement.

9. The method according to claim 8, wherein the modification amount of the start time of the 1st RTWT SP satisfies any one of the following conditions:

a duration between a second start time obtained by modifying the first start time based on the modification amount of the start time of the 1st RTWT SP and a third start time does not exceed a first duration threshold; or

a duration between a second start time obtained by modifying the first start time based on the modification amount of the start time of the 1st RTWT SP and a third start time exceeds a second duration threshold, wherein

the third start time is a start time of a 1st RTWT SP comprised in an RTWT parameter of a second RTWT agreement of a third AP.

10. The method according to any one of claims 7 to 9, wherein the modification amount of the RTWT parameter comprises the modification amount of the interval between adjacent RTWT SPs, and the modification amount of the interval between adjacent RTWT SPs indicates an amount by which a first interval is increased or indicates an amount by which a first interval is decreased, wherein the first interval is an interval between adjacent RTWT SPs that is comprised in the RTWT parameter of the first RTWT agreement of the second AP, and the at least one RTWT agreement comprises the first RTWT agreement.

11. The method according to claim 10, wherein the modification amount of the interval between adjacent RTWT SPs satisfies any one of the following conditions:

a second interval obtained by modifying the first interval based on the modification amount of the interval between adjacent RTWT SPs is the same as a third interval; or

a second interval obtained by modifying the first interval based on the modification amount of the interval between adjacent RTWT SPs has a multiple relationship with a third interval; or

a second interval obtained by modifying the first interval based on the modification amount of the interval between adjacent RTWT SPs exceeds an interval threshold, wherein

the third interval is an interval between adjacent RTWT SPs comprised in the RTWT parameter of the second RTWT agreement of the third AP.

12. The method according to any one of claims 7 to 11, wherein the modification amount of the RTWT parameter is carried in a TWT offset field of the first radio frame.

13. The method according to claim 8 or 10, wherein the first radio frame further comprises

identification information of the third AP.

14. The method according to any one of claims 1 to 13, wherein the first radio frame comprises third indication information, and the third indication information indicates a reason for requesting to modify an RTWT parameter of at least one RTWT agreement of the second AP.

15. The method according to claim 14, wherein the third indication information is carried in a reason code field of the first radio frame.

16. The method according to any one of claims 1 to 15, wherein the second radio frame comprises fourth indication information, and the fourth indication information indicates whether the second AP agrees with the request of the first AP.

17. The method according to claim 16, wherein the fourth indication information indicates that the second AP does not agree with the request of the first AP, and the fourth indication information further indicates a reason why the second AP does not agree with the request of the first AP.

18. A communication apparatus, wherein the communication apparatus comprises a unit configured to perform the method according to any one of claims 1 to 17.

19. A computer-readable storage medium, configured to store a computer program, wherein the computer program comprises instructions used to implement the method according to any one of claims 1 to 17.

20. A computer program, wherein the computer program comprises instructions used to implement the method according to any one of claims 1 to 17.