CLAIMS

1. A resource status exchange method, comprising:

sending, by a first network device, a first request message to a second network device, wherein the first request message comprises first indication information, the first indication information indicates a priority of at least one resource parameter, and the first request message is used to request to feed back a measurement value of the at least one resource parameter; and

receiving, by the first network device, a first response message sent by the second network device, wherein the first response message comprises a measurement value of a first resource parameter in the at least one resource parameter.

2. A resource status exchange method, comprising:

receiving, by a second network device, a first request message sent by a first network device, wherein the first request message comprises first indication information, and the first indication information comprises a priority of at least one resource parameter;

determining, by the second network device, a first resource parameter from the at least one resource parameter based on the priority; and

sending, by the second network device, a first response message to the first network device, wherein the first response message comprises a measurement value of the first resource parameter.

3. The method according to claim 2, wherein the determining, by the second network device, a first resource parameter from the at least one resource parameter based on the priority comprises:

determining, by the second network device, the first resource parameter from the at least one resource parameter based on the priority and an available resource of the second network device.

4. The method according to any one of claims 1 to 3, wherein the first response message further comprises second indication information, and the second indication information indicates a resource parameter that has not been fed back or a resource parameter that has been fed back in the at least one resource parameter.

5. The method according to claim 4, wherein when the second indication information indicates the resource parameter that has not been fed back, the first response message further comprises first time information, and the first time information indicates an estimated feedback recovery time of the resource parameter that has not been fed back.

6. The method according to claim 4, wherein when the second indication information

indicates the resource parameter that has not been fed back, the second indication information further indicates a cell, a beam, or a slice corresponding to the resource parameter that has not been fed back; or

when the second indication information indicates the resource parameter that has been fed back, the second indication information further indicates a cell, a beam, or a slice corresponding to the resource parameter that has been fed back.

7. The method according to any one of claims 1 to 6, wherein the first response message further comprises second time information, and the second time information indicates a time interval between a moment at which the first network device receives the first response message and a moment at which the first network device sends a second request message.

8. The method according to any one of claims 1 to 7, wherein the first response message further comprises third indication information, and the third indication information indicates a resource parameter that is in the first resource parameter and that is estimated to fail to be normally fed back subsequently, wherein the resource parameter that is estimated to fail to be normally fed back subsequently comprises a resource parameter that has a feedback risk and/or a resource parameter that cannot be continuously fed back.

9. The method according to claim 8, wherein the first response message further comprises third time information, and the third time information indicates a feedback failure time of the resource parameter that is estimated to fail to be normally fed back subsequently.

10. The method according to any one of claims 1 to 9, wherein the at least one resource parameter comprises at least one of an air interface resource utilization rate, a transport network layer resource utilization rate, an overall available resource utilization rate, a quantity of active user equipments, UEs, and a quantity of radio resource control, RRC, connections.

11. The method according to any one of claims 1 to 10, wherein the first request message further comprises a first feedback periodicity, wherein the first feedback periodicity indicates a feedback periodicity for feeding back the measurement value of the at least one resource parameter by the second network device; and the first response message further comprises a second feedback periodicity, wherein the second feedback periodicity comprises a feedback periodicity suggested by the second network device and/or a feedback periodicity acceptable to the second network device, and the feedback periodicity suggested by the second network device and/or the feedback periodicity acceptable to the second network device are/is determined based on the first feedback periodicity.

12. The method according to claim 1, wherein the first request message further comprises a first feedback periodicity, wherein the first feedback periodicity indicates a feedback periodicity for feeding back the measurement value of the at least one resource parameter by the second

network device; and the first response message further comprises a third feedback periodicity, wherein the third feedback periodicity is determined by the second network device based on the first feedback periodicity, and the third feedback periodicity indicates a feedback periodicity expected by the second network device for feeding back the measurement value of the at least one resource parameter.

13. A first communication apparatus, comprising units configured to perform the method according to any one of claims 1, and 4 to 12.

14. A second communication apparatus, comprising units configured to perform the method according to any one of claims 2 to 12.

15. A computer-readable storage medium, wherein the computer-readable storage medium is configured to store a computer program; and when the computer program is executed, the method according to any one of claims 1 to 12 is performed.