WHAT IS CLAIMED IS:

1. An information processing method, performed in a wireless communication system comprising a base station and a user equipment (UE), comprising:

sending, by the base station, first information, wherein the first information is configured to determine at least one of: a paging grouping mode supported by the base station, or a mapping relation between a paging group determined by the paging grouping mode supported by the base station and a paging grouping resource;

receiving, by the UE, the first information;

wherein the method further comprises at least one of:

in response to determining that the first information comprises relation information indicating the mapping relation between the paging group and the paging grouping resource, determining, by the UE, that the base station supports a network-assigned paging grouping mode;

in response to determining that the first information comprises paging grouping resource information, determining, by the UE, that the base station does not support the network-assigned paging grouping mode;

in response to determining that the first information comprises the paging grouping resource information, determining, by the UE, that the base station supports a UE-identifier (ID)-based paging grouping mode and does not support the network-assigned paging grouping mode; or

in response to determining that the first information does not comprise the paging grouping resource information, determining, by the UE, that the base station neither supports the network-assigned paging grouping mode nor the UE-ID-based paging grouping mode.

2. The method of claim 1, wherein the first information further comprises:

paging group information;

wherein the paging group information indicates the paging group, a paging grouping mode adopted by the paging group is the paging grouping mode supported by the base station, and the paging grouping resource information indicates a paging grouping resource allocated to the paging group indicated by the paging group information.

3. The method of claim 1 or 2, wherein,

one paging group maps to one or more paging grouping resources; or, a plurality of paging groups map to one or more paging grouping resources.

4. An information processing method, performed by a user equipment (UE), comprising:

receiving first information; and

determining, based on the first information, at least one of: a paging grouping mode supported by a base station, or a mapping relation between a paging group determined by the paging grouping mode supported by the base station and a paging grouping resource, wherein determining the paging grouping mode supported by the base station based on the first information comprises at least one of:

in response to determining that the first information comprises relation information indicating the mapping relation between the paging group and the paging grouping resource, and determining that the base station supports a network-assigned paging grouping mode;

in response to determining that the first information comprises paging grouping resource information, and determining that the base station does not support the network-assigned paging grouping mode;

in response to determining that the first information comprises the paging grouping resource information, and determining that the base station supports a UE- identifier (ID)-based paging grouping mode and does not support the network-assigned paging grouping mode; or

in response to determining that the first information not comprises the paging grouping resource information, and determining that the base station neither supports the network-assigned paging grouping mode nor the UE-ID-based paging grouping mode.

5. The method of claim 4, wherein the first information further comprises:

paging group information, wherein, the paging group information indicates the paging group, a paging grouping mode adopted by the paging group is the paging grouping mode supported by the base station, and the paging grouping resource information indicates a paging grouping resource allocated to the paging group indicated by the paging group information.

6. The method of claim 4 or 5, wherein,

one paging group maps to one or more paging grouping resources; or, a plurality of paging groups map to one or more paging grouping resources.

7. The method of claim 4, further comprising:

determining that the first information comprises the relation information, and determining a paging grouping resource corresponding to a paging group where the UE is located based on the relation information.

8. The method of claim 7, wherein determining the paging grouping resource corresponding

to the paging group where the UE is located based on the relation information, comprises:

determining that the relation information comprises paging group information of the paging group where the UE is located, and determining the paging grouping resource corresponding to the paging group where the UE is located based on the relation information.

9. The method of claim 4, further comprising:

determining that the first information comprises the relation information, and determining the paging grouping resource corresponding to a paging group where the UE is located based on the relation information and a number of paging grouping resources mapping to the paging group in the relation information.

10. A wireless communication system, comprising:

an information processing apparatus applied to a base station, comprising:

a sending module, configured to send first information, wherein the first information is configured to determine at least one of: a paging grouping mode supported by the base station, or a mapping relation between a paging group determined by the paging grouping mode supported by the base station and a paging grouping resource; and

an information processing apparatus applied to a UE, comprising:

a receiving module, configured to receive the first information; and

a second processing module, configured to:

in response to determining that the first information comprises relation information indicating the mapping relation between the paging group and the paging grouping resource, determine that the base station supports a network-assigned paging grouping mode;

in response to determining that the first information comprises paging grouping resource information, determine that the base station does not support the network-assigned paging grouping mode;

in response to determining that the first information comprises the paging grouping resource information, determine that the base station supports a UE-identifier (ID)-based paging grouping mode and does not support the network-assigned paging grouping mode; or

in response to determining that the first information does not comprise the paging grouping resource information, determine that the base station neither supports the network-assigned paging grouping mode nor the UE-ID-based paging grouping mode.

11. The wireless communication system of claim 10, wherein the first information comprises:

paging group information;

wherein the paging group information indicates the paging group, a paging grouping mode adopted by the paging group is the paging grouping mode supported by the base station, and the paging grouping resource information indicates a paging grouping resource allocated to the paging group indicated by the paging group information.

12. A computer storage medium having computer executable programs stored thereon, wherein when the executable programs are executed by a processor, the information processing method of any one of claims 1-3 or claims 4-9 is implemented.