CLAIMS

~~What is claimed is:~~

1. A method for determining an edge configuration server, comprising:

determining, by a core network element based on a mobile network accessed by a terminal apparatus, that an edge configuration server serving the terminal apparatus is a first edge configuration server, wherein at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus; and

sending, by the core network element to the terminal apparatus, information indicating the first edge configuration server.

2. The method according to claim 1, wherein the determining, by a core network element based on a mobile network accessed by a terminal apparatus, that an edge configuration server serving the terminal apparatus is a first edge configuration server comprises:

determining, by the core network element based on the mobile network accessed by the terminal apparatus and a home operator of the terminal apparatus, that the edge configuration server serving the terminal apparatus is the first edge configuration server, wherein the at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus, and a home operator of the first edge configuration server is the home operator of the terminal apparatus.

3. The method according to claim 1, wherein the determining, by a core network element based on a mobile network accessed by a terminal apparatus, that an edge configuration server serving the terminal apparatus is a first edge configuration server comprises:

determining, by the core network element based on the mobile network accessed by the terminal apparatus and service indication information of the terminal apparatus, that the edge configuration server serving the terminal apparatus is the first edge configuration server, wherein the at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus, and the first edge configuration server supports a requirement of a service type or service quality indicated by the service indication information.

4. The method according to any one of claims 1 to 3, wherein

the core network element is a policy control function network element or a unified data management function network element, the core network element stores edge configuration server information, and the edge configuration server information comprises identification information of the first edge configuration server and identification information of the at least one mobile network corresponding to the first edge configuration server.

5. The method according to any one of claims 1 to 3, wherein the core network element is a session management function network element, and the method further comprises:

receiving, by the session management function network element, edge configuration server information from a unified data management function, wherein the edge configuration server information comprises identification information of the first edge configuration server and identification information of the at least one mobile network corresponding to the first edge configuration server.

6. A method for determining an edge configuration server, wherein the method comprises:

obtaining, by a terminal apparatus, edge configuration server information, wherein the edge configuration server information comprises identification information of at least one edge configuration server and identification information of at least one mobile network corresponding to each of the at least one edge configuration server; and

determining, by the terminal apparatus based on a mobile network accessed by the terminal apparatus, a first edge configuration server serving the terminal apparatus in the at least one edge configuration server, wherein at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus.

7. The method according to claim 6, wherein the determining, by the terminal apparatus based on a mobile network accessed by the terminal apparatus, a first edge configuration server serving the terminal apparatus in the at least one edge configuration server comprises:

determining, by the terminal apparatus based on the mobile network accessed by the terminal apparatus and a home operator of the terminal apparatus, the first edge configuration server serving the terminal apparatus in the at least one edge configuration server, wherein the at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus, and a home operator of the first edge configuration server is the home operator of the terminal apparatus.

8. The method according to claim 6, wherein the determining, by the terminal apparatus based on a mobile network accessed by the terminal apparatus, a first edge configuration server serving the terminal apparatus in the at least one edge configuration server comprises:

determining, by the terminal apparatus based on the mobile network accessed by the terminal apparatus and service indication information of the terminal apparatus, the first edge configuration server serving the terminal apparatus in the at least one edge configuration server, wherein the at least one mobile network corresponding to the first edge configuration server comprises the mobile network accessed by the terminal apparatus, and the first edge configuration server supports a requirement of a service type or service quality indicated by the service indication information.

9. The method according to any one of claims 6 to 8, wherein the obtaining, by a terminal

apparatus, edge configuration server information comprises:

obtaining, by the terminal apparatus, the edge configuration server information from a unified data management function network element;

obtaining, by the terminal apparatus, the edge configuration server information from a policy control function network element; or

obtaining, by the terminal apparatus, the edge configuration server information from a session management function network element.

10. The method according to any one of claims 6 to 9, wherein the method further comprises:

sending, by the terminal apparatus, service provisioning request information to the first edge configuration server, wherein the service provisioning request information comprises identification information of the mobile network accessed by the terminal apparatus; and

receiving, by the terminal apparatus from the first edge configuration server, service provisioning response information in response to the service provisioning request information, wherein the service provisioning response information comprises information about a target edge enabler server, and the target edge enabler server is an edge enabler server in the mobile network accessed by the terminal apparatus.

11. A core network element, comprising a processor and a memory coupled to the processor, wherein the memory is configured to store computer instructions, and when the core network element runs, the processor executes the computer instructions stored in the memory, to perform the method according to any one of claims 1 to 4 or the method according to any one of claims 1 to 3 and 5.

12. A computer-readable storage medium, wherein the computer-readable storage medium comprises a computer program, and when the computer program is run on a computer, the method according to any one of claims 1 to 4 or the method according to any one of claims 1 to 3 and 5 is performed.

13. A terminal apparatus, comprising a processor and a memory coupled to the processor, wherein the memory is configured to store computer instructions, and when the terminal apparatus runs, the processor executes the computer instructions stored in the memory, to perform the method according to any one of claims 6 to 10.

14. A computer-readable storage medium, wherein the computer-readable storage medium comprises a computer program, and when the computer program is run on a computer, the method according to any one of claims 6 to 10 is performed.

15. A system comprising: a core network element configured to perform the method according to any one of claims 1 to 5; and a terminal apparatus configured to:

receive information indicating the first edge configuration server from the core network

element.