CLAIMS

1. A method of performing, by a Unified Data Management (UDM), procedure related to registration of an Access and Mobility Management Function (AMF) in a wireless communication system, the method comprising:

receiving, by the UDM and from a first AMF, a first message related to serving AMF registration of a user equipment (UE),

wherein the first message includes access type information and AMF identity (ID) information, and

wherein the access type information indicates one of 3rd Generation Partnership Project (3GPP) access or non-3GPP access; and

transmitting, by the UDM and to a second AMF, a second message for deregistration of the second AMF registered as a serving AMF of the UE,

wherein the second message is only transmitted in a first case among a first case and a second case,

wherein the first case is related to that an access type of the first AMF is 3GPP access and an access type of the second AMF is 3GPP access, and

wherein the second case is related to that the access type of the first AMF is non-3GPP access and the access type of the second AMF is 3GPP access.

2. The method of claim 1, further comprising:

storing, by the UDM, the access type information and the AMF ID information,

wherein the access type information and the AMF ID information are related to the first AMF.

3. The method of claim 1, further comprising:

receiving, by the UDM and from a Network Function (NF), which is an AMF, a third message related to deletion of information related to the NF,

wherein the third message comprises the access type information.

4. The method of claim 1, based on the deregistration of the second AMF is due to a subscription withdrawal, the second message includes the access type information, and an information related to the subscription withdrawn.

5. The method of claim 1, further comprising:

receiving, by the UDM and from a Network Function (NF), which is an AMF, a fourth message requesting serving AMF information,

wherein the fourth message includes the access type information; and transmitting, by the UDM and to the NF, the serving AMF information.

6. The method of claim 1, further comprising:

receiving, by UDM and from a Network Function (NF), a request to provide UE reachability information,

wherein the request to provide UE reachability information includes the access type information.

7. The method of claim 1, wherein, based on a handover from a 5G system (5GS) to an Evolved Packet System (EPS), a cancel location operation, by the UDM and a Home Subscriber Server (HSS), is performed for the second AMF of which access type is the 3GPP access.

8. The method of claim 1, wherein, based on the UE changing from a 5GS to an EPS in an idle mode, a cancel location operation by the UDM is performed for the second AMF of which access type is the 3GPP access.

9. A Unified Data Management (UDM) apparatus configured to perform a procedure related to registration of an Access and Mobility Management Function (AMF) in a wireless communication system, the UDM apparatus comprising:

a transceiver;

at least one processor; and

at least one computer memory operably connectable to the at least one processor and storing instructions that, when executed, cause the at least one processor to perform operations comprising:

receiving, by the UDM and from a first AMF, a first message related to serving AMF registration of a user equipment (UE),

wherein the first message includes access type information and AMF identity (ID) information, and

wherein the access type information includes one of 3rd Generation Partnership Project (3GPP) access or non-3GPP access; and

transmitting, by the UDM and to the second AMF, a second message for deregistration of a second AMF registered as a serving AMF of the UE,

wherein the second message is only transmitted in a first case among a first case and a second case,

wherein the first case is related to that an access type of the first AMF is 3GPP access and an access type of the second AMF is 3GPP access, and

wherein the second case is related to that the access type of the first AMF is non-3GPP access and the access type of the second AMF is 3GPP access

10. The UDM apparatus of claim 9, wherein the operations further comprise:

storing, the access type information and the AMF ID information

wherein the access type information and the AMF ID information are related to the first AMF.

11. The UDM apparatus of claim 9, wherein the operations further comprise:

receiving, by the UDM and from a Network Function (NF), which is an AMF, a third message related to deletion of information related to the NF,

wherein the third message comprises the access type information.

12. The UDM apparatus of claim 9, based on the deregistration of the second AMF is due to a subscription withdrawal, the second message includes the access type information, and an information related to the subscription withdrawn.

13. The UDM apparatus of claim 9, wherein the operations further comprise:

receiving, by the UDM and from a Network Function (NF), which is an AMF, a fourth message requesting serving AMF information,

wherein the fourth message includes the access type information; and

transmitting, by the UDM and to the NF, the serving AMF information.

14. The method of claim 1, wherein the AMF ID information includes a Subscription Permanent Identifier (SUPI) of the UE.

15. The UDM apparatus of claim 9, wherein the AMF ID information includes a Subscription Permanent Identifier (SUPI) of the UE.