

Claims

1. A first network function comprising:
a processor; and
5 a memory coupled with the processor, the processor configured to cause the first network function to:
send a request to a second network function, the request requesting a deletion of a first policy association, wherein the first policy association was established for at least one protocol data unit (PDU) session, the at least one PDU session established by a
10 wireless communication device in a first mobile communications technology and the at least one PDU session being transferred to a second mobile communications technology;
receive a processing response from the second network function, the processing response indicating that wireless communication device supports a second policy association, the second policy association for the second mobile communications
15 technology.
2. The first network function of claim 1, wherein the processing response includes a cause.
- 20 3. The first network function of claim 1 or 2, wherein the processing response comprises an indication that the requested deletion of a first policy association is being processed.
4. The first network function of claim 1 or 2, wherein the processing response
25 comprises an indication that the requested deletion of a first policy association is rejected.
5. The first network function of any of claims 1 to 4, wherein the processor is further arranged to provide to a fourth network function, the identity of the second network function and the identity of the at least one PDU session.
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6. The first network function of any of claims 1 to 5, wherein the first network function is an access mobility function (AMF).
7. A method in a first network function, the method comprising:

sending a request to a second network function, the request requesting a deletion of a first policy association, wherein the first policy association was established for at least one protocol data unit (PDU) session, the at least one PDU session established by a wireless communication device in a first mobile communications technology and the at least one PDU session being transferred to a second mobile communications technology;
receiving a processing response from the second network function, the processing response indicating that wireless communication device supports a second policy association, the second policy association for the second mobile communications technology.

8. The method of claim 7, wherein the processing response includes a cause.

9. A second network function, comprising:
a processor; and

a memory coupled with the processor, the processor configured to cause the second network function to:

receive from a first network function, deletion of a first policy association, a first policy association, wherein the first policy association was established for at least one protocol data unit (PDU) session, the at least one PDU session established by a wireless communication device in a first mobile communications technology and the at least one PDU session being transferred to a second mobile communications technology; and

send a processing response to the first network function, the processing response indicating that wireless communication device supports a second policy association, the second policy association for the second mobile communications technology.

10. The second network function of claim 9, wherein the processing response includes a cause.

11. The second network function of claim 9 or 10, wherein the processing response comprises an indication that the requested deletion of a first policy association is being processed.

12. The second network function of claim 9 or 10, wherein the processing response comprises an indication that the requested deletion of a first policy association is rejected.

13. The second network function of any of claims 9 to 12, wherein the processor is further arranged to cause the second network function to:
- 5 receive from a third network function a request to establish the second policy association; and
- establish the second policy association.
14. The second network function of any of claims 9 to 13, wherein the processor is further arranged to cause the second network function to:
- 10 delete the first policy association; and
- notify the first network function that the first policy association is deleted.
15. The second network function of any of claims 9 to 14, wherein second first network function is a User Engagement Policy Control Function (UE-PCF).
- 15