

CLAIMS**WHAT IS CLAIMED IS**

1. A user equipment comprising:
at least one processor; and
at least one memory including computer program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the user equipment at least to:
perform a domain name system query using an input fully qualified domain name, said input fully qualified domain name comprising a mobile country code of a visited country in which the user equipment is located; and
receive, in a response to said domain name system query, a list of one or more output fully qualified domain names that each contain an identity, mobile country code, and mobile network code, of a public land mobile network of said visited country.
2. The user equipment of claim 1, wherein said input fully qualified domain name has the form "mcc<MCC>.local-plmn.pub.3gppnetwork.org".
3. The user equipment of claim 1, wherein said output fully qualified domain name has the form "mnc<MNC>.mcc<MCC>.local-plmn.pub.3gppnetwork.org".
4. The user equipment of claim 1, wherein a mobile country code in said output fully qualified domain name is, in an instance in which multiple mobile country codes correspond to the visited country, different from the mobile country code in the input fully qualified domain name.
5. The user equipment of claim 1, wherein the at least one memory and the computer program code are further configured to, with the at least one processor, cause the user equipment at least to:
in an instance in which said user equipment is required to select an evolved packet data gateway in the country in which said user equipment is located, select an evolved packet data gateway that is operated by one of said public land mobile networks.
6. The user equipment of claim 5, wherein the at least one memory and the computer program code are further configured to, with the at least one processor, cause the user equipment at least to:

determine said evolved packet data gateway is being operated by said one of said public land mobile networks.

7. The user equipment of claim 6, wherein the at least one memory and the computer program code are further configured to, with the at least one processor, cause the user equipment at least to:

cause establishment of an internet protocol security tunnel between said user equipment and the selected evolved packet data gateway that is operated by said one of said public land mobile networks.

8. The user equipment of claim 1, wherein said list is a second list, and wherein the at least one memory and the computer program code are further configured to, with the at least one processor, cause the user equipment to at least to:

compare said second list and a first list of public land mobile networks having roaming agreements with a home public land mobile network of said user equipment for untrusted wireless local area network access; and

in an instance in which one of said public land mobile networks is on both said first list and said second list, select said one of said public land mobile networks.

9. The user equipment of claim 8, wherein the at least one memory and the computer program code are further configured to, with the at least one processor, cause the user equipment at least to:

identify an evolved packet data gateway to which to establish an internet protocol security tunnel between the user equipment and the evolved packet data gateway, wherein the evolved packet data gateway is operated by said one of said public land mobile networks.

10. A method of operating a user equipment, the method comprising:
performing a domain name system query using an input fully qualified domain name, said input fully qualified domain name comprising a mobile country code of a visited country in which the user equipment is located; and

receiving, in a response to said domain name system query, a list of on or more output fully qualified domain names that each contain an identity, a mobile country code, and a mobile network code of a public land mobile network of said visited country.

11. The method of claim 10, wherein said input fully qualified domain name has the form "mcc<MCC>.local-plmn.pub.3gppnetwork.org".

12. The method of claim 10, wherein said output fully qualified domain name has the form "mnc<MNC>.mcc<MCC>.local-plmn.pub.3gppnetwork.org".

13. The method of claim 10, wherein a mobile country code in said output fully qualified domain name is, in an instance in which multiple mobile country codes correspond to the visited country, different from the mobile country code in the input fully qualified domain name.

14. The method of claim 10, further comprising:
in an instance in which said user equipment is required to select an evolved packet data gateway in the country in which said user equipment is located, selecting an evolved packet data gateway that is operated by one of said public land mobile networks.

15. The method of claim 14, further comprising:
determining said evolved packet data gateway is being operated by said one of said public land mobile networks.

16. The method of claim 15, further comprising:
causing establishment of an internet protocol security tunnel between said user equipment and the selected evolved packet data gateway that is operated by said one of said public land mobile networks.

17. The method of claim 10, wherein said list is a second list, the method further comprising:
comparing said second list to a first list of public land mobile networks having roaming agreements with a home public land mobile network of said user equipment for untrusted wireless local area network access; and
in an instance in which one of said public land mobile networks is on both said first list and said second list, selecting said one of said public land mobile networks.

18. The method of claim 17, further comprising:
identifying an evolved packet data gateway to which to establish an internet protocol security tunnel between the user equipment and the evolved packet data gateway, wherein the evolved packet data gateway is operated by said one of said public land mobile networks.

19. A computer program product comprising a non-transitory computer-readable medium storing instructions, said instructions configured, upon execution, to cause a user equipment to at least:

perform a domain name system query using an input fully qualified domain name, said input fully qualified domain name comprising a mobile country code of a visited country in which a user equipment is located; and

receive, in a response to said domain name system query, a list of one or more output fully qualified domain names that each contain an identity, a mobile country code, and a mobile network code of a public land mobile network of said visited country.

20. The computer program product of claim 19, wherein said input fully qualified domain name has the form "mcc<MCC>.local-plmn.pub.3gppnetwork.org".

21. The computer program product of claim 19, wherein said output fully qualified domain name has the form "mnc<MNC>.mcc<MCC>.local-plmn.pub.3gppnetwork.org".

22. The computer program product of claim 19, wherein a mobile country code in said output fully qualified domain name is, in an instance in which multiple mobile country codes correspond to the visited country, different from the mobile country code in the input fully qualified domain name.

23. The computer program product of claim 19, wherein said instructions are further configured, upon execution, to cause the user equipment to at least:

in an instance in which said user equipment is required to select an evolved packet data gateway in the country in which said user equipment is located, select an evolved packet data gateway that is operated by one of said public land mobile networks.

24. The computer program product of claim 23, wherein said instructions are further configured, upon execution, to cause the user equipment to at least:

determine said evolved packet data gateway is being operated by said one of said public land mobile networks.

25. The computer program product of claim 24, wherein said instructions are further configured, upon execution, to cause the user equipment to at least:

cause establishment of an internet protocol security tunnel between said user equipment and the selected evolved packet data gateway that is operated by said one of said public land mobile networks.

26. The computer program product of claim 19, wherein said list is a second list, and wherein said instructions are further configured, upon execution, to cause the user equipment to at least:

compare said second list and a first list of public land mobile networks having roaming agreements with a home public land mobile network of said user equipment for untrusted wireless local area network access; and

in an instance in which one of said public land mobile networks is on both said first list and said second list, select said one of said public land mobile networks.

27. The user equipment of claim 26, wherein said instructions are further configured, upon execution, to cause the user equipment to at least:

identify an evolved packet data gateway to which to establish an internet protocol security tunnel between the user equipment and the evolved packet data gateway, wherein the evolved packet data gateway is operated by said one of said public land mobile networks.