MANAGING VPLMN CONFIGURATION UPDATES IN THE UE DUE TO HOME PLMN CONFIGURATION CHANGES

Cross-Reference to Related Applications

[001] This application claims the benefit of and priority to U.S. Provisional Application No. 62/674,465, entitled "Managing VPLMN Configuration Updates in the UE Due to Home PLMN Configuration Changes," filed May 21, 2018, the entire contents of which are hereby incorporated herein by reference for all purposes.

Field

[002] The subject matter described herein relates to wireless.

Background

[003] As the cellular system including the Fifth Generation (5G) system supports an increasing number of devices and services including applications with a wide range of use cases and diverse needs with respect to bandwidth, latency, and reliability requirements, the cellular system may need to prioritize resources across the wireless access network and the core network (and/or for example, prioritizing across the control plane and the user plane) to support differentiation among different services.

Summary

[004] Methods and apparatus, including computer program products, are provided for managing configuration updates.

[005] In an aspect, there is a method comprising: receiving, at a user equipment, an indication regarding whether a home network of the user equipment makes a change to a first network slice configuration information stored at the home network for the user equipment, the first network slice configuration information being associated with the user equipment; and deleting, when the received indication represents the change, a second network slice

configuration information regarding one or more network slice configurations associated with a visited network currently serving the user equipment and other network slice configuration information regarding one or more network slice configurations associated with the one or more other visited networks, the second network slice configuration information and the other network slice configuration information being stored at the user equipment. In an aspect, there is a method comprising: determining a change was made to a first network slice configuration information stored at a home network for a user equipment, the first network slice configuration information being associated with the user equipment; and providing, to said user equipment, an indication regarding said change was made to said first network slice configuration information stored at said home network for the user equipment wherein the indication is operable to cause the user equipment to delete a second network slice configuration information regarding one or more network slice configurations associated with a visited network currently serving the user equipment and operable to cause the user equipment to delete other network slice configuration information regarding one or more network slice configurations associated with one or more other visited networks, the second network slice configuration information and the other network slice configuration information being stored at the user equipment. In some example embodiment, there may be provided an apparatus including 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 apparatus to at least: receive an indication regarding whether a home network makes a change to a previous