Recent patents with Dr. Sergey Andreev listed as an inventor

#3: NETWORK SELECTION IN A HETEROGENEOUS NETWORK

Publication number: 20160073287

Abstract: Technology for a user equipment (UE) to communicate in a multiple radio access technology (multi-RAT) heterogeneous network (HetNet) is described. A radio-link-selection hysteresis threshold can be determined at the UE for a radio link between the UE and a node in the multi-RAT HetNet. A reliability value of a throughput estimate can be measured for the radio link in the multi-RAT HetNet. The radio-link-selection hysteresis threshold can be adjusted at the UE based on the reliability value to increase network stability in the multi-RAT HetNet.

Type: Application

Filed: March 28, 2014

Publication date: March 10, 2016

Inventors: Nageen Himayat, Shu-ping Yeh, Mikhail Gerasimenko, Sergey Andreev, Shilpa Talwar, Alexander Sirotkin, Mo-han Fong

#2: EFFICIENT USER, SERVICE, OR CONTENT REPRESENTATION FOR DEVICE COMMUNICATION

Publication number: 20160050701

Abstract: Embodiments described herein relate generally to efficient network-assisted communication between user equipment (“UE”). A first UE may be adapted to determine a plurality of hash values associated with provision of a resource by the first UE. The first UE may further determine a port at which the resource is available to be provided. The first UE may communicate this information to a server. Where a second UE wishes to consume the resource, the second UE may determine a plurality of hash values that correspond to those determined by the first UE. The second UE may transmit these determined hash values to the server. In response, the server may transmit the port and an IP address associated with the first UE to the second UE. The server may further facilitate D2D communication between the UEs for provision of the resource. Other embodiments may be described and/or claimed.

Type: Application

Filed: May 30, 2014

Publication date: February 18, 2016

Inventors: Alexander Pyattaev, Kerstin Johnsson, Sergey Andreev, Yevgeni Koucheryavy
#1: SYSTEMS AND METHODS FOR CONTENTION MANAGEMENT AND QUALITY OF SERVICE ESTIMATION IN HETEROGENEOUS WIRELESS NETWORKS

Publication number: 20150271848

Abstract: A user equipment (UE) is configured to receive a maximum probability of accessing a wireless local area network (WLAN) for communication. The maximum probability is received via a 3rd Generation Partnership Project (3GPP) communication link with an Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Node B (eNB). The UE is further configured to determine that there is a queued transmission for the UE and, in response to determining that there is a queued transmission, to determine whether the UE is authorized to access to the WLAN using a probability less than or equal to the maximum probability. The UE is further configured to delay contention for access to the WLAN for at least a pre-backoff duration in response to determining that the UE is not authorized.

Type: Application

Filed: December 23, 2014

Publication date: September 24, 2015

Inventors: Mikhail Gerasimenko, Nageen Himayat, Sergey Andreev, Yevgeni Koucheravy, Shu-ping Yeh, Huaning Niu, Jeongho Jeon, Mo-han Fong

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