ABSTRACT

EXPOSING ENERGY CONSUMPTION INFORMATION IN COMMUNICATION NETWORK

Various aspects of the present disclosure disclose a network entity having a processor configured to cause the network entity to receive a first request for exposure of energy consumption related information including an energy consumption event identifier, and event filter information, select one of a Unified Data Management, UDM, function or a Network Repository Function, NRF, based on the energy consumption event identifier and/or event filter information, and transmit to the selected UDM function or NRF function a second request to identify an energy consumption collecting Network Function, NF. The processor is further configured to cause the network entity to receive a first response containing an identifier of an energy consumption collecting NF, and transmit a third request to the energy consumption collecting NF to subscribe for monitoring event notifications, the third request containing at least one of the energy consumption event identifier and the event filter information.

[Figure 4]