Data Exchange at Aggregation Point

In order to transfer the user data collected by smart meters to the control center, it is necessary to transfer the data to the data aggregation point (DAP) before being transmitted to the ...

Selecting the aggregation points is very crucial thing in wireless sensor network. This section discusses the method of placing the aggregation points for the aforementioned scenario.

This network facilitates the connection between Smart Meters (SMs) and Data Aggregation Points (DAPs), responsible for gathering energy consumption and invoicing data from SMs. The placement ...

Kong, P.: Cost efficient data aggregation point placement with interdependent communication and power networks in smart grid. IEEE Trans. Smart Grid 10(1), 74-83 (2019)

An AMI system consists of Smart Meters (SMs) that collect energy consumption data and send it to the utility company through Data Aggregation Points (DAPs). Thus, methods to determine ...

Abstract: Smart meters (SMs) measure and transmit fine-grained electricity consumption data to the data center at a certain high frequency (such as every 15 minutes). A data aggregation point (DAP) is ...

This study enhances the AP clustering algorithm for wireless neighborhood area network (NAN) scenarios, enabling the adaptive determination of data aggregation points (DAPs) and their optimal ...

The operation of Advanced Metering Infrastructure (AMI) requires an adequate definition of the quantity and placement of Data Aggregation Points (DAPs) to ensur

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