

DATA MANAGEMENT FOR CONNECTED DEVICES

ABSTRACT

5 Techniques and constructs to facilitate data management can provide improved
response time and space efficiency for time-series data such as from connected
devices. The constructs may enable receiving a stream of time-series data
comprising a plurality of objects and a time identification associated with each of the
objects. One or more tags are associated with the objects. The constructs may also
10 chunk the stream into a plurality of contiguous chunks, each including a plurality of
objects, create an index associating the time identification and the one or more tags,
transmit the chunks to a first, remote storage, and then store the index .

FIG. 1

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