

ABSTRACT

[Abstract]

[Object]

Such a technology is realized to certainly ensure business data at a plurality of points apart in geography without sacrificing high speed of processing.

[Solving Means]

In a data management system 110, a first AP server 114, a first DB server 116, and a second DB server 118 are installed in a first data center 112, and a second AP server 122, a third DB server 124, and a fourth DB server 126 are installed in a second data center 120. All DB servers have a common table, and each table has a limitation for prohibiting deletion and updating of a record. Each AP server is connected to all the DB servers. Each AP server includes a business processing unit 130, an artificial key management unit 132, a data control unit 134, and a plurality of DB connection units 138. The business processing unit 130 generates business data with an ID having an artificial key issued from the artificial key management unit 132 as a primary key, and sends the data to each DB server via the data control unit 134 and each DB connection unit 138. Until receiving a notification of reception completion from all the DB servers, the business processing unit 130 sets the business data as an out-of-reference.

[Selected Drawing]

Fig. 2