backup data for reporting

Asked 16 years, 3 months ago   Modified 12 years, 4 months ago

Viewed 159 times

What is the best method to transfer data from sales table to sales history table in sql server 2005. sales history table will be used for reporting.

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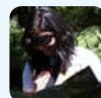sql-server   database

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A backup is not suppossed to be used for reporting (or anything else), but it should be kept in a safe place. I suggest to change that word with 'Copy'. – Ricardo C Oct 3, 2008 at 17:12

5 Answers

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▲

Take a look at SSAS. OLAP is built for reporting and is easy to query with tools like excel pivot tables.

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answered Sep 17, 2008 at 4:10

jason saldo
9,930 ● 5 ● 35 ● 41

Bulkcopy is fast and it will not use the transaction log. One batch run at the end of the day.

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Deleting the copied records from your production server is a different situation that needs to be planed on that server's maintenance approach/plans. Your reporting server solution should not interfere with or affect the production server.

Keep in mind that your reporting server is not meant to be a backup of the data but rather a copy made exclusively for reporting purposes.
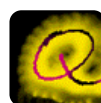
Also check on the server settings of your reporting server to be on Simple recovery model.

edited Oct 4, 2008 at 23:03

answered Sep 17, 2008 at 3:30

Ricardo C
2,234 ● 20 ● 24

0

Most solutions will require 2 steps; -copy the records from source to target -delete records from source. It is essential that your source table have a primary key.

The "best" method depends on a lot of things.
How many records? Is this a production environment?
What tools do you have?

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answered Sep 17, 2008 at 3:38

rcwhit

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Unless you are moving a large amount of data, a simple stored procedure should do the trick. A sql server job can manage the timing of when to call the proc.

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answered Sep 17, 2008 at 3:51

Nat

14.3k ● 5 ● 43 ● 64

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if you just want to move the data to another table, use BulkCopy/BulkInsert. if you want to build reporting I would suggest a BI solution such as MS Analysis Service (OLAP).

It is difficult and in my opinion ugly to maintain two or more history/archive tables in the same database. For a reporting solution you will be considering all the tables for that piece of information anyway. History/Archive tables should only be used if you are going to put the data away and not touch it for a long period of time, ie. archive it away outside the operational DB.

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answered Aug 15, 2012 at 21:40

Atharval
1,160 ● 3 ● 16 ● 27