

## Re: Is this possible??

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.tablesdbdesign/2007-10/msg00066.html>

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- *From:* Shanin <[Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 4 Oct 2007 06:19:01 -0700
- 

I understand Windows security but since I've not seen A2007 live, I'm confused on how I would do some things. Here is what I have on this database. The backend is on the server in it's own file. The backend includes all of my tables, such as tblemployee, tbltraining, tblwage, etc. Everyone has to have Windows permission to the backend to even use the database, but everyone does not need to have access to tblwage which is truthfully the only table everyone does not need to see. Currently how it is, everyone can get to the backend via Windows Explorer and see the file is there, but only certain people can actually login to it and see any of the tables, and of course on the frontend, they are locked out of certain forms and reports. If I go to A2007 how would I continue to keep information from the tblwage from being seen since it sounds like you can't actually secure an item and I can't lock everyone off the backend. Is it possible to break that table off into it's own database, create a link to it so I can still have a relationship and then set Windows security on just that table in it's database?

I know this has gotten away from the original topic a bit, but thanks for all the input.

"Pat Hartman (MVP)" wrote:

The OwnerAccess option is used with user level security – which is only available with the .mdb format. A2007 does not support ULS with the new ..accdb access.

Securing the folder is a Windows function and any one with access to the folder will be able to use your front end to access the back end in that folder. Other folks may be able to get to your front end if it is in a less secure place but they will not be able to retrieve any data from the BE because they don't have the correct network permissions.

"Shanin" <[Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:60BC4AE7-26B5-4E54-8B25-71CA4BE0FC83@xxxxxxxxxxxxxxxxxxxx](mailto:news:60BC4AE7-26B5-4E54-8B25-71CA4BE0FC83@xxxxxxxxxxxxxxxxxxxx)

I guess I really need to sit down with the people and see what they really want incorporated to see what we really need for our backside.

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Unfortunately

I have been using Access so I will be somewhat like you in taking a time to get used to the new look if we go that route.

Wouldn't it, if I secured the folder on the backside so only I could view it, it lock everyone from being able to access the data from their frontside, or would it still work if the queries run with owner access? It seems I tried that before, but it's been a while.

Thanks again.

"Pat Hartman (MVP)" wrote:

If you think your BE will eventually become SQL Server, it is best to design the application from the beginning using client/server concepts such as forms bound to queries that include selection criteria to limit the data retrieved by the form. Search here or the KB for articles on client/server optimization so you understand that to make use of server-side processing, you need to severely restrict the data retrieved.

Access 2007 does have some great new features and as long as you're not an existing Access user, you shouldn't have any trouble with it. Old-timers like myself are struggling because we have to keep a foot in each version and switching back and forth is a real pain.

As far as security goes, desktop applications are frequently secured by using the security included in Windows that restricts access to server shares. You would keep the back end database on the server where only authorized people could get to it and the front ends on the local machines. What you loose with A2007 is the ability to secure objects in the database

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itself. However, you can use A2007 as your development/runtime environment but keep the application in the A2003 database format. That gives you the advantage of the new development features but it still allows you to implement replication and user-level security.

"Shanin" <Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:06389081-7CFC-431B-BA74-DBAD5EDDBCBF@xxxxxxxxxxxxxxxxxxxx](mailto:news:06389081-7CFC-431B-BA74-DBAD5EDDBCBF@xxxxxxxxxxxxxxxxxxxx)

I was thinking SQL from the get go just due to the size it may become, although I've never worked in that. You may not know the answer, but is it hard to convert a backend Access table to SQL?

I also looked at Access 2007 and some of the features seem to be what may work for the frontend, such as the clicking on info in a report to open a form. We are thinking of upgrading our software anyway since it's been a while. Reading about the lack of security in A07, I think we'd probably want to go to a backend SQL anyway to secure the tables since we wouldn't want every user to be able to access wage information of employees. Thanks for the info

"Pat Hartman (MVP)" wrote:

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For starters, if you're going to do this, you would need to keep the data in Access and from Access, produce any Word or Excel documents needed for reporting. If the data comes to you from many places or people, you can use Outlook Forms or Excel workbooks to gather the basic data and then import it into Access. It is possible the much of the saving of documents can be dispensed with once the data is in a single place.

Access can handle millions of rows if each row is not very large. If the actual data is too large for Access or if you have too many concurrent users (over ~ 25), you can use SQL server or another RDBMS as the back end while still using Access as the front end.

It is seven years and three versions since A2K was released. Microsoft will be discontinuing support for A2K in the not too distant future. It might be time to upgrade to A2003

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while copies are still  
available. Converting  
to  
A2007 is a huge change due  
to the complete recreation of  
the user  
interface  
and your company might  
not want to spring for the  
training involved  
with  
that.

"Shanin"

<Shanin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:AC4B0474-1945-4091-A4CF-FF2507413A20@xxxxxxxxxxxxxxxxxxxx](mailto:news:AC4B0474-1945-4091-A4CF-FF2507413A20@xxxxxxxxxxxxxxxxxxxx)

I have a  
co-worker  
that would  
like me to  
build a  
database  
that  
centralizes  
a  
huge  
amount of  
data and am  
wondering  
if Access  
would even  
be the  
avenue  
to  
try and do  
this in. My  
thoughts  
initially are  
this would  
be a huge  
undertaking  
and would  
probably  
lead to a  
swollen  
database  
and would  
be  
better

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served by  
something  
other than  
Access.

What they  
want is this,  
a database  
that they  
can click on  
a client's  
name,  
where this  
would pull  
up a main  
screen  
which  
would show  
who worked  
for  
that  
client, and  
several  
other  
options like  
med errors  
for this  
person,  
the  
person's  
budget, the  
person's  
plan and  
even being  
able to click  
on  
the  
staff  
that work  
for the  
client and  
being able  
to view  
their  
trainings,  
schedule,  
etc. The  
main  
problem I  
see in all of  
this is all of

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this stuff is  
in  
numerous  
different  
applications.  
All HR/staff  
trainings,  
employee  
information  
is in an  
Access  
Database I  
already  
built.  
Schedules  
are  
in  
a  
FoxPro  
database  
which also  
is our  
timekeeping  
system. I  
have our  
HR  
database  
linked to  
that to pull  
schedules  
so that is  
not a  
problem.  
Budgets,  
errors,  
etc, these  
are under  
the clients  
folder on a  
server and  
are in Excel  
and  
Word, some  
are even  
still in  
Lotus. The  
part I would  
find hard is  
the  
budget  
forms come

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from the  
State and  
have to be  
in that form  
and you  
have  
to  
hav  
a  
new on  
every  
month,  
sometimes  
more than  
one if an  
amendment  
is made  
so  
you  
would have  
a hard time  
trying to  
link to  
something  
where the  
file  
name  
would  
be  
constantly  
changing.

Without a  
total  
re-work of  
the agency  
on how  
things are  
reported, I  
don't  
see this as  
being  
possible and  
even then, I  
don't think  
Access  
would  
be  
the  
best  
solution to

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store that  
much data.

Any  
thoughts?