

Securing TableAdapters/xds files

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Hi,

I'm new to the new dot net framework. In using vs 2003, my company was using webservices which used dataadapters to retrieve and update data; the web services were called from the presentation layer and were on a seperate server from the presentation layer.

I've been interested in using the objectdatasource since there's so much less coding involved. I tried using webservices using tableadapters as business objects with these object datasources but found that the webservices had to have a parameter for each field that needs to be read or updated; this to me could be a maintenance nightmare, especially if you have a table with a lot of fields.

In my experimentation I found that if you use an objectdatasource and make the business object a tableadapter (the fill for retrieval and the built in update function for the updates) you don't have to pass any parameters, they seem to be provided for you. This is an ideal solution for rapid application development except for one thing. I am told that, even if you put the xsd files containing your table adapters on another server than the presentation layer, this architecture works out to be a 2 tier app from a security point of view (i.e. the same user in the presentation layer is accessing the tableadapter queries as opposed to web services which can be made more secure by giving them a different "owner").

I was wondering if there is any literature or descriptions of how tableadapters and/or xsd files can be made more secure by providing an extra layer between the presentation layer and the data itself (in the same way the web services on a seperate server acted as another layer).

Any help would be appreciated.

Thanks,
Fig

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