

Re: Permission in database

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2002-08/1701.html>

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Date: 08/02/02

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Date: Fri, 2 Aug 2002 09:04:44 -0500

You can create database roles and assign object permissions to these roles to support the required functionality. You can then control object access via user role membership. A user can be added to multiple roles, if necessary, and permissions are cumulative.

In the case where a user needs only SELECT on all tables, you can use the pre-defined db_datareader fixed database role.

I'm not sure I understand the details of your requirements but the script below should get you started. You can accomplish the same result using Enterprise Manager but it requires a lot of clicking if you need to setup a lot of users.

Use MyDatabase

GO

--add roles

```
EXEC sp_addrole 'Administrators'
```

```
EXEC sp_addrole 'AccountDep'
```

```
EXEC sp_addrole 'SalesPersons'
```

GO

--grant object permissions to roles

```
GRANT SELECT, INSERT, UPDATE, DELETE ON Customer TO Administrators
```

```
GRANT SELECT, INSERT, UPDATE, DELETE ON Purchases TO Administrators
```

```
GRANT SELECT, INSERT, UPDATE, DELETE ON Sales TO Administrators
```

```
GRANT SELECT, INSERT, UPDATE, DELETE ON Sales TO AccountDep
```

```
GRANT SELECT ON Purchases TO AccountDep
```

```
GRANT SELECT, INSERT, UPDATE, DELETE ON Sales TO SalesPersons
```

GO

--add users to database

```
EXEC sp_adduser 'User1'
```

```
EXEC sp_adduser 'User2'
```

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```
EXEC sp_adduser 'User3'  
EXEC sp_adduser 'User4'  
GO
```

--add users to roles

```
EXEC sp_addrolemember 'Administrators', 'User1'  
EXEC sp_addrolemember 'AccountDep', 'User2'  
EXEC sp_addrolemember 'SalesPersons', 'User3'  
EXEC sp_addrolemember 'db_datareader', 'User4'  
GO
```

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Hope this helps.

Dan Guzman

SQL Server MVP

SQL FAQ links (courtesy Neil Pike):

<http://www.ntfaq.com/Articles/Index.cfm?DepartmentID=800>

<http://www.sqlserverfaq.com>

<http://www.mssqlserver.com/faq>

"Shailesh" <shailesh@geminiCorp.be> wrote in message
news:02af01c239fa\$10d9c670\$3bef2ecf@TKMSFTNGXA10...

> Dear Friends

>

> My company is having database in access and due to that
> reason the performan