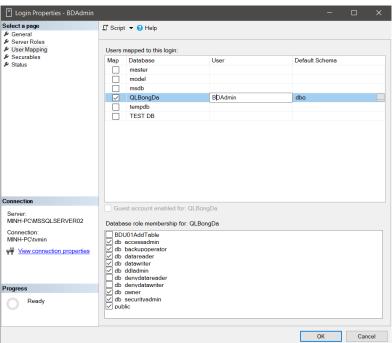
# Lab02 BMCSDL

# Trịnh Văn Minh - 1712601

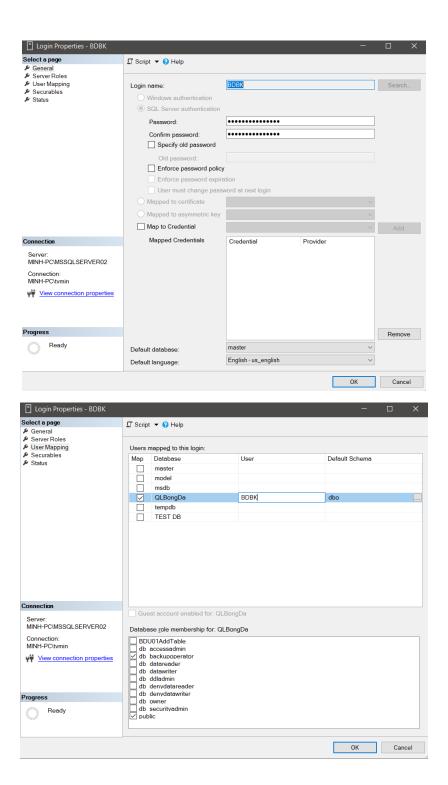
# Tạo User:

### 1. BDAdmin

Login Properties - BDAdmin			-	D X
Select a page	☐ Script ▼ ② Help			
✓ General	□ Script ▼			
✓ Server Roles   ✓ User Mapping	1	BDAdmin		Search
Securables	Login name:	DUAdmin		Search
	Windows authentication			
	<ul> <li>SQL Server authentication</li> </ul>			
	Password:	•••••		
	Confirm password:	•••••		
	Specify old password			
	Old password:			
	Enforce password policy			
	Enforce password expiration			
	User must change password at next login			
	Mapped to certificate		~	
	Mapped to asymmetric key		~	
	Map to Credential			Add
Connection	Mapped Credentials	Credential	Provider	
Server: MINH-PCVMSSQLSERVER02 Connection: MINH-PCVtymin				
<b>₩</b> View connection properties				
Progress				Remove
Ready	Default database:	QLBongDa	~	
45	Default language:	English - us_english	V	
	Delauk language.			
			ОК	Cancel
_				
Login Properties - BDAdmin				□ ×
Select a page	☐ Script ▼ ② Help			
General				



# 2. BDBK



# Script:

Backup thành công

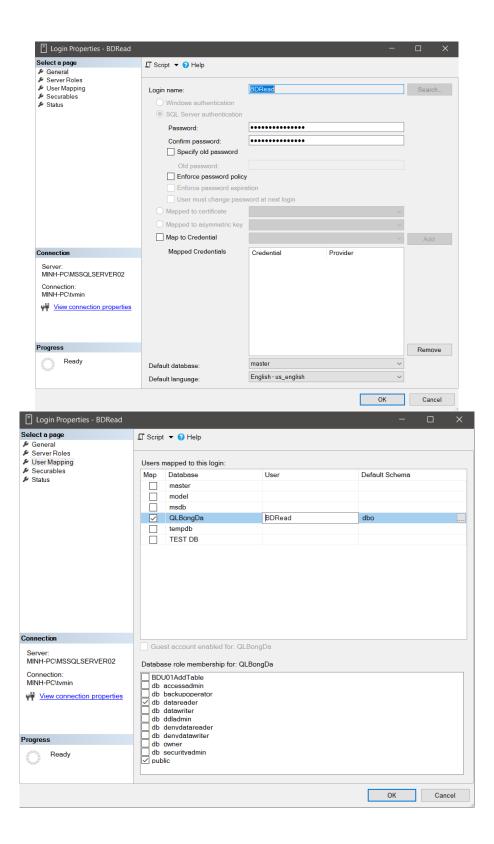
Select bi denied

```
SQLQuery9.sql - M...ongDa (BDBK (53))* 

SQLQuery8.sql - M...Da (BDAdmin (67))* 

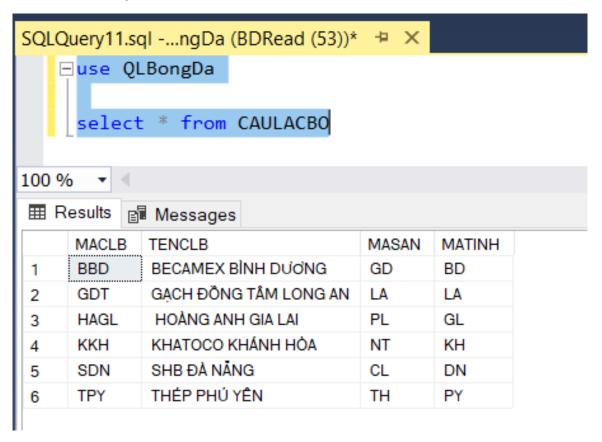
SQLQuery9.sql - M...Da (BDAdmin (67))
```

# 3. BDRead



### Script:

- Select thành công



- Lệnh insert bị denied (thành công)

```
SQLQuery11.sql -...ngDa (BDRead (53))* 

select * from CAULACBO

insert into CAULACBO(MACLB,TENCLB,MASAN,MATINH)

values('aaa','binh duong','aa','aa')

100 % 

Messages

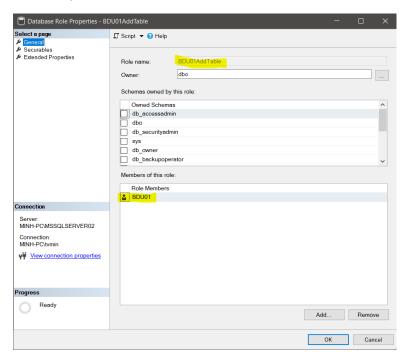
Msg 229, Level 14, State 5, Line 5

The INSERT permission was denied on the object 'CAULACBO', database 'QLBongDa', schema 'dbo'.

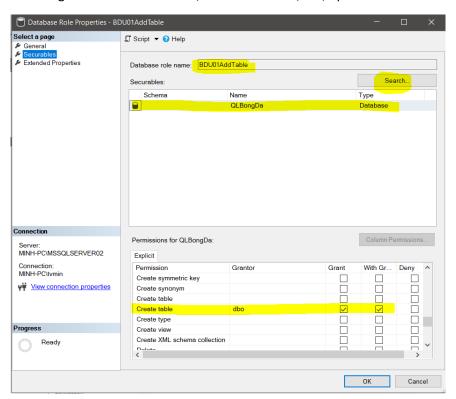
Completion time: 2021-04-08T20:27:19.9784260+07:00
```

# 4. BDU01

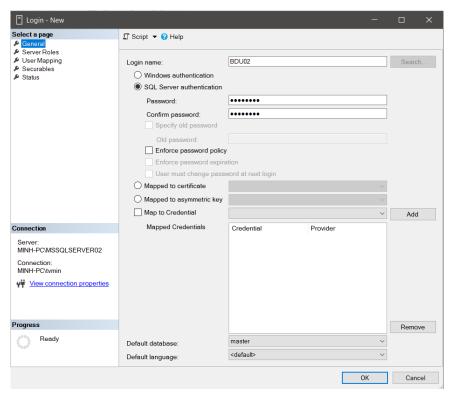
Add role: QLBongDa > Security >Roles > New > New database roles

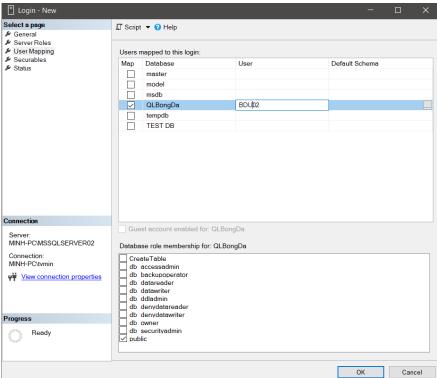


Search Database QLBongDa để thêm Role > Chọn Create table tại mục permissions for QLBongDa

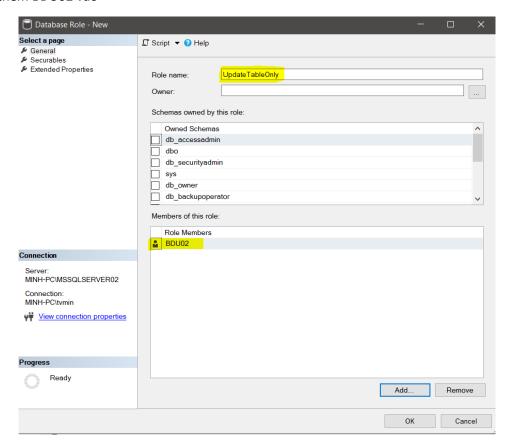


### 5. BDU02

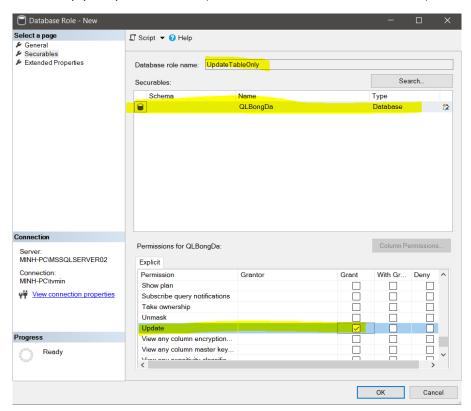




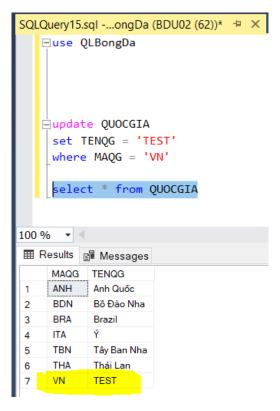
# Tạo role thêm BDU02 vào



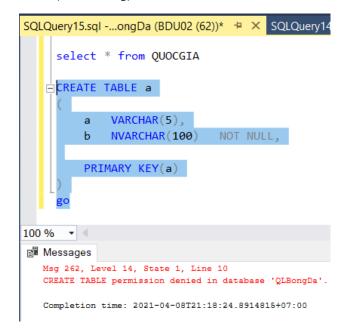
Chọn database và chọn quyền update cho role (chọn thêm select để có thể check lại)



- Update thành công



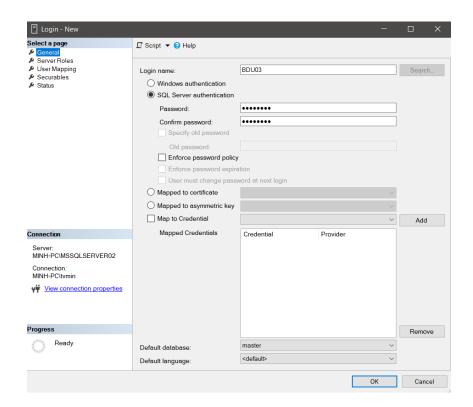
- Không thể thêm mới table(thành công)

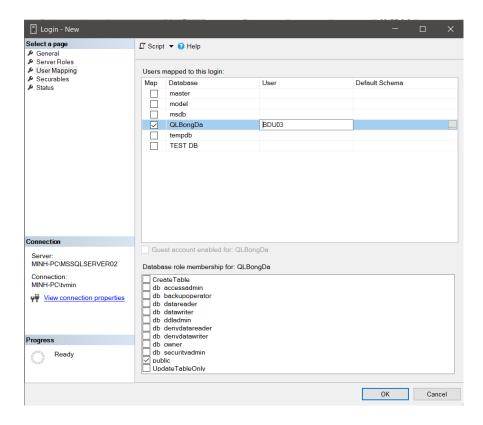


- Không thể xoá table (thành công)

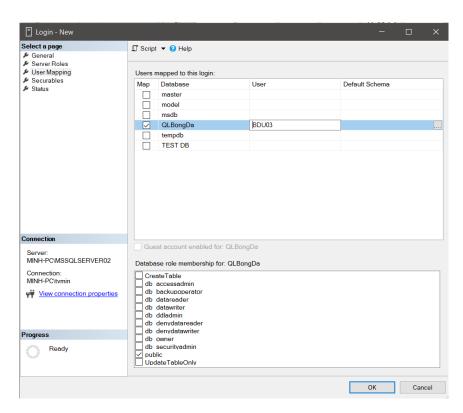
### 6. BDU03

#### Tạo user

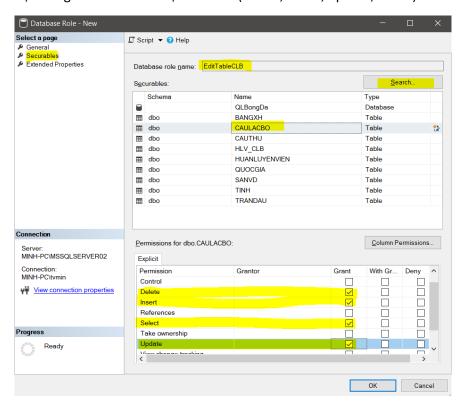




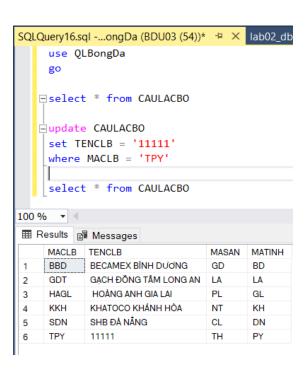
#### Tao role



Search table > chọn bảng CAULACBO > Chọn các role (delete, insert, update, select)



### Script



- Lệnh insert không bị denied (thành công)

```
SQLQuery16.sql -...ongDa (BDU03 (54))* 

use QLBongDa
go

select * from CAULACBO

insert into CAULACBO (MACLB,TENCLB,MASAN,MATINH)
values('TPD','11111','11','11')

100 %

Messages

Msg 547, Level 16, State 0, Line 5
The INSERT statement conflicted with the FOREIGN KEY constraint "FK_CLB_SANVD".
The statement has been terminated.

Completion time: 2021-04-08T21:35:11.3467534+07:00
```

Các thao tác trên bảng khác bị denied

```
SQLQuery16.sql -...ongDa (BDU03 (54))* 

use QLBongDa
go

select * from HLV_CLB

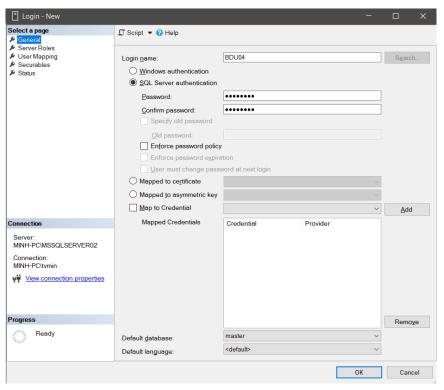
100 % 

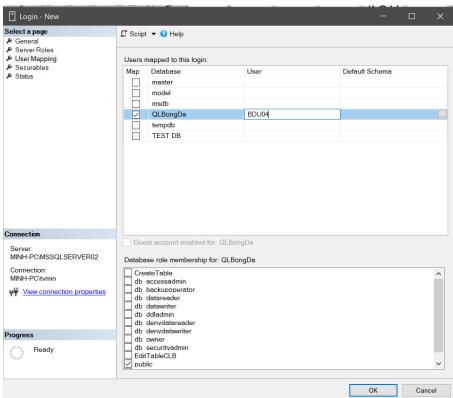
Messages

Msg 229, Level 14, State 5, Line 4
The SELECT permission was denied on the object 'HLV_CLB', Completion time: 2021-04-08T21:36:18.7863078+07:00
```

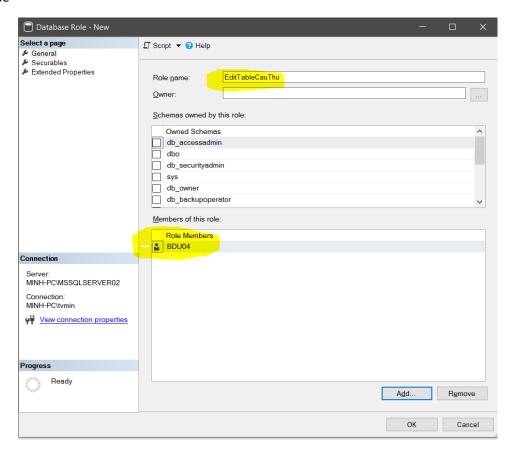
# 7. BDU04

### Tạo user

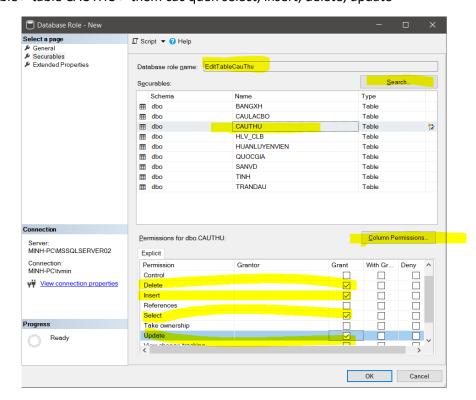




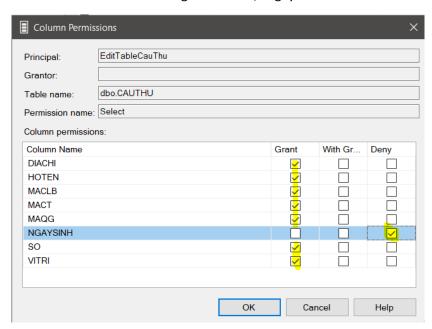
# Tạo Role



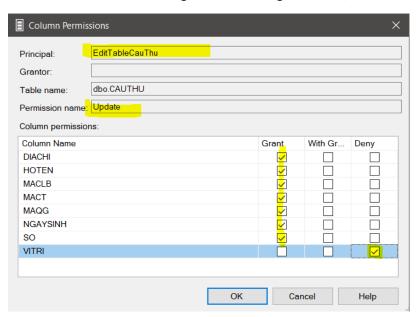
Search table > table CAUTHU > thêm các quền select, insert, delete, update



Với Select chọn Column Permissions > không cho xem cột ngày sinh



Với **Update** chọn **Column Permissions** > không cho chỉnh sửa giá trị cột vị trí



### Script:

Ngăn chặn xem cột NGAYSINH thành công

```
SQLQuery17.sql -...ongDa (BDU04 (54))* 

use QLBongDa
go

select * from CAUTHU

100 % 

Messages

Msg 230, Level 14, State 1, Line 4
The SELECT permission was denied on the column 'NGAYSINH'

Completion time: 2021-04-08T21:50:32.0935512+07:00
```

- Không thể xem các bảng khác (thành công)

```
SQLQuery17.sql -...ongDa (BDU04 (54))* 

use QLBongDa
go

select * from SANVD

100 % 

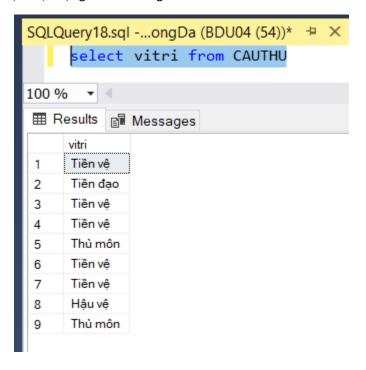
Messages

Msg 229, Level 14, State 5, Line 4
The SELECT permission was denied on the object 'SANVD',

Completion time: 2021-04-08T21:51:45.9591979+07:00
```

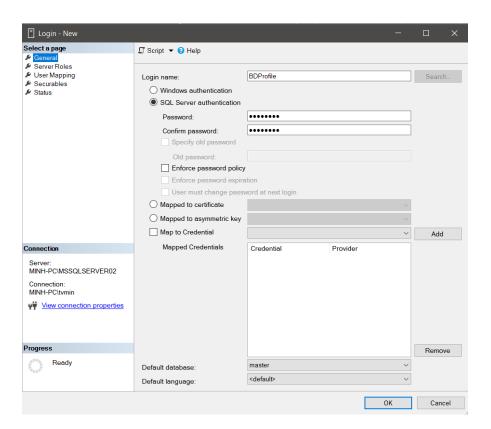
- Ngăn chặn việc sửa đổi vị trí thành công

- Các thao tác còn lại hoạt động bình thường

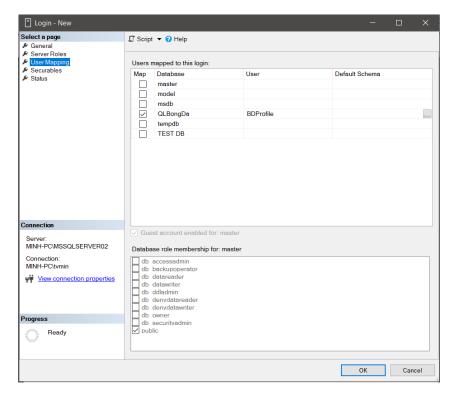


#### 8. BDProfile

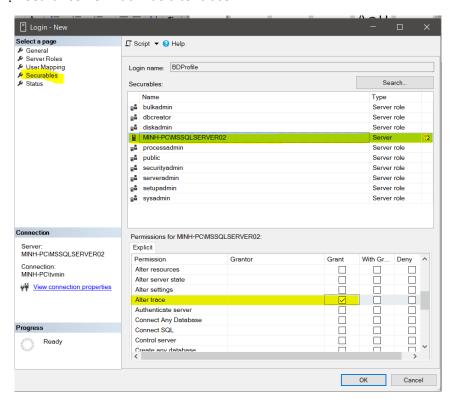
Tạo user



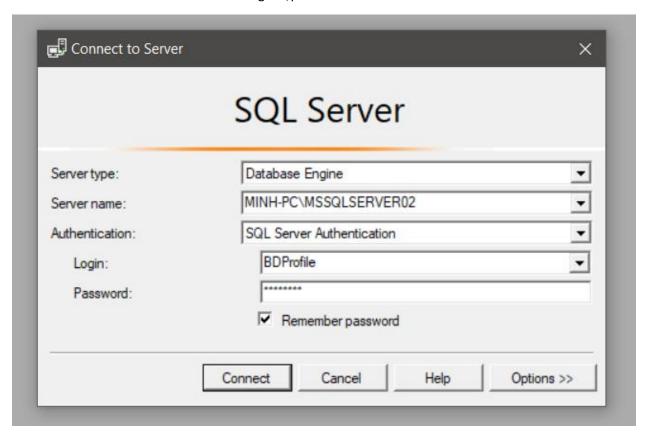
# Mapping với database



# Sercurbles > chọn Search server > tick vào alter trace



Kiểm tra: Tool > SQL Server Profiler > đăng nhập



# Đăng nhập thành công

