

# Môn HQT-CSDL

## PHÂN QUYỀN



# NỘI DUNG

- Login
- User
- Role
- Permission
- Phân quyền người dùng
- 



# TẠO LOGIN

## CÚ PHÁP :

```
CREATE LOGIN <login_name>  
WITH PASSWORD = '<password>'  
DEFAULT_DATABASE = <database_name>;
```

## VÍ DỤ :

```
USE master;  
  
GO  
  
CREATE LOGIN LHCO  
WITH PASSWORD = '123456',  
DEFAULT_DATABASE = QLHOCPHAN;
```



# THAY ĐỔI LOGIN

## CÚ PHÁP :

```
ALTER LOGIN <login_name>  
WITH PASSWORD = '<new_password>  
OLD PASSWORD = '<old_password>';
```

## VÍ DỤ :

```
USE master;  
  
GO  
  
ALTER LOGIN LHCO  
WITH PASSWORD = 'MatKhau'  
OLD PASSWORD = '123456';
```



# XÓA LOGIN

## CÚ PHÁP :

```
DROP LOGIN <login_name>;
```

## VÍ DỤ :

```
USE master;
```

```
GO
```

```
DROP LOGIN LHCO;
```

```
GO
```



# Managing Server Role Members

## CÚ PHÁP :

**ALTER SERVER ROLE** <server\_role\_name>

**ADD/DROP MEMBER** <member\_name>;

## VÍ DỤ :

**USE** master;

**GO**

**ALTER SERVER ROLE** diskadmin

**ADD MEMBER** Gargouille;

**GO**



ServerRole	Description
sysadmin	System Administrators
securityadmin	Security Administrators
serveradmin	Server Administrators
setupadmin	Setup Administrators
processadmin	Process Administrators
diskadmin	Disk Administrators
dbcreator	Database Creators
bulkadmin	Bulk Insert Administrators



# TẠO USER

## CÚ PHÁP :

```
CREATE USER <user_name>
```

```
FOR LOGIN <login_name>;
```

## VÍ DỤ :

```
USE QLHOCPHAN;
```

```
GO
```

```
CREATE USER GIAOVIEN_CO
```

```
FOR LOGIN LHCO;
```

```
GO
```





# XÓA USER

## CÚ PHÁP :

```
DROP USER <user_name>;
```

## VÍ DỤ :

```
USE QLHOCPHAN;
```

```
GO
```

```
DROP USER GIAOVIEN_CO;
```

```
GO
```



# TẠO ROLE

## CÚ PHÁP :

```
CREATE ROLE <role_name>;
```

## VÍ DỤ :

```
USE QLHOCPHAN;
```

```
GO
```

```
CREATE ROLE GIAOVIEN;
```

```
GO
```



# XÓA ROLE

## CÚ PHÁP :

```
DROP ROLE <role_name>;
```

## VÍ DỤ :

```
USE QLHOCPHAN;
```

```
GO
```

```
DROP ROLE GIAOVIEN;
```

```
GO
```



# Managing Database Role Members

## CÚ PHÁP :

**ALTER ROLE** <role\_name>

**ADD/DROP MEMBER** <member\_name>;

## VÍ DỤ :

**USE** QLHOCPHAN;

**GO**

**ALTER ROLE** GIAOVIEN

**ADD MEMBER** GIAOVIEN\_CO;

**GO**



# STATEMENT PERMISSION

Permission type	Permission	Applies to
Statement	CREATE DATABASE	master database
	CREATE DEFAULT	All databases
	CREATE PROCEDURE	All databases
	CREATE RULE	All databases
	CREATE TABLE	All databases
	CREATE VIEW	All databases
	BACKUP DATABASE	All databases
	BACKUP LOG	All databases

# OBJECT PERMISSION

Object	SELECT	Tables, views, and columns
	INSERT	Tables and views
	DELETE	Tables and views
	UPDATE	Tables, views, and columns
	REFERENCES (DRI in SQL Server Enterprise Manager)	Tables and columns
	EXECUTE	Stored procedures



# CẤP QUYỀN

## CÚ PHÁP 1 :

**GRANT** <permission> [ ,...n ]  
**TO** <grantee\_name> [ ,...n ]  
**[ WITH GRANT OPTION ]**  
**[ AS <grantor\_name> ]**

## CÚ PHÁP 2 :

**GRANT** <permission> [ ,...n ]  
**ON** <object\_name> [(column,...)]  
**TO** <grantee\_name> [ ,...n ]  
**[ WITH GRANT OPTION ]**  
**[ AS <grantor\_name> ]**



# CẤM QUYỀN

## CÚ PHÁP 1 :

**DENY** <permission> [ ,...n ]

**TO** <grantee\_name> [ ,...n ]

[ **CASCADE** ]

[ **AS** <grantor\_name> ]

## CÚ PHÁP 2 :

**DENY** <permission> [ ,...n ]

**ON** <object\_name> [(column,...)]

**TO** <grantee\_name> [ ,...n ]

[ **CASCADE** ]

[ **AS** <grantor\_name> ]





# RÚT QUYỀN

## CÚ PHÁP 1 :

**REVOKE [GRANT OPTION FOR]** <permission> [ ,...n ]

**TO** <grantee\_name> [ ,...n ]

[ **CASCADE** ]

[ **AS** <grantor\_name> ]

## CÚ PHÁP 2 :

**REVOKE [GRANT OPTION FOR]** <permission> [ ,...n ]

**ON** <object\_name> [(column,...)]

**FROM** <grantee\_name> [ ,...n ]

[ **CASCADE** ]

[ **AS** <grantor\_name> ]



# <https://learn.microsoft.com/en-us/sql/t-sql/statements/>

Transact-SQL statements × +

https://learn.microsoft.com/en-us/sql/t-sql/statements/statements?view=sql-server-ver16

120% ☆ ⬅ ➡ ↺ ⬇ 🗑 🔍 Search

Microsoft Ignite

October 12-14, 2022

Register now >

Microsoft | Learn Documentation Training Certifications Q&A Code Samples Shows Events

🔍 Search Sign in

SQL Docs Overview ▾ Install ▾ Secure ▾ Develop ▾ Administer ▾ Analyze ▾ Reference ▾

Download SQL Server

Version

SQL Server 2022 Preview ▾

🔍 Filter by title

> Language elements

> Queries

> Statements

Statements

> General

> ALTER

> Backup & restore

> CREATE

> Collations

> DROP

Download PDF

Learn / SQL / Transact-SQL (T-SQL) Reference /

⊕ ✎ ⋮

Transact-SQL statements

Article • 06/11/2022 • 2 minutes to read • 13 contributors

👍 💬

Applies to:

✔ SQL Server (all supported versions)

✔ Azure SQL Database

✔ Azure SQL Managed Instance

✔ Azure Synapse Analytics

✔ Analytics Platform System (PDW)

A SQL statement is an atomic unit of work and either completely succeeds or completely fails. A SQL statement is a set of instruction that consists of identifiers, parameters, variables, names, data types, and SQL reserved words that compiles successfully. Analysis Services creates an *implicit* transaction for a SQL statement if a `BeginTransaction` command does not specify the start of a transaction. Analysis Services always commits an implicit transaction if the statement succeeds, and rolls back an implicit transaction if the command fails.

There are many types of statements. Perhaps the most important is the `SELECT` that retrieves rows from the database and enables the selection of one or many rows or columns from one or many tables in SQL Server. This article summarizes the categories of statements for use with Transact-SQL (T-SQL) in addition to the `SELECT` statement. You can find all of the statements listed in the left-hand navigation.

☰ In this article

Backup and restore

Data Definition Language

Data Manipulation Language

Permissions statements

Show more ▾