# TS0009 – BioStar database backup and restore



## How to back up MS SQL DB?

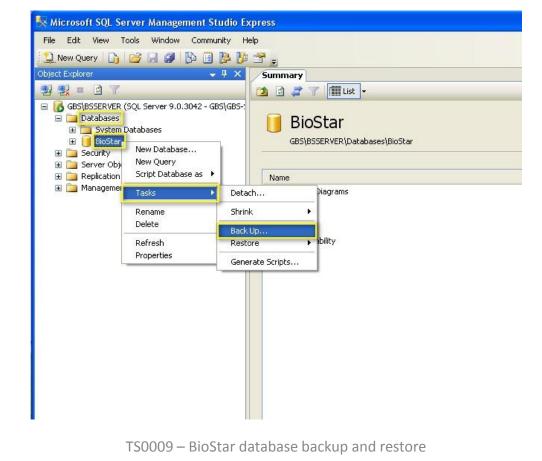
BioStar does not support auto backup/restore database feature. Therefore, you need to backup/restore your database via SOL Server Management Studio Express by manually. If your computer is not installed SQL Server Management Studio Express, go to C:\Program Files\BioStar\server\Support and run SQLServer2005\_SSMSEE.msi to install.

#### Open SQL Server Management Studio Express Start > Programs > Microsoft SQL Server 2005 > SQL Server Management Studio Express



#### Instruction: Back Up

- 1) Click 'Databases' in the left tree menu
- 2) Right-Click on 'BioStar' folder
- 3) Move to 'Tasks' and Click 'Back Up'



- 4) Once Back Up Database window pops up, Click 'Add'
- 5) Click ' and locate database files and type File Name
- 6) Click **'OK'** then back is finished
- 7) 'The backup of database 'BioStar' completed successfully 'message will appear.

🧻 Back Up Database - BioSt		
Select a page Page General	🔄 Script 🝷 🚺 Help	
😭 Options	Source	
	Database:	BioStar 💌
	Recovery model:	FULL
	I Select Backup Destination	
	Select the file or backup device for the backup backup devices for frequently used files.	destination. You can create
	Destinations on disk	
	💿 File name:	
	\Program Files\Microsoft SQL Server\MSS	QL:1\MSSQL\Backup\
	O Backup device:	×
Connection		OK Cancel
Server: GBS\BSSERVER		
Connection:	Back up to: 💿 Disk	() Tape
GBS\GBS-SYSTEM	c:\Program Files\Microsoft SQL Server\MS	SQL.1\MSSQL\Backup\BioStar.bak
View connection properties		Remove
Progress		Contents
O Ready	<	
- CATTO		
		OK Cancel

## How to restore MS SQL DB?

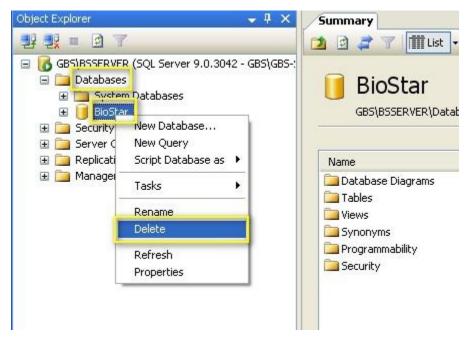
Before restore a database, You Must stop the Server in **BioStar Server Config**. Once you click Red Button, Status will change to Stopped.

			Stopped	Start	
Connecti	on				
	TCP Port	1480	Thread Count 32	Client List	
Databasi	e				
	Database Type	SQL Server		•	
SQL	Database Name	BioStar		Set Name	
	C Server Authentica	ation	<ul> <li>Windows Authentication</li> </ul>		
	Database Server	localhosttbsserver	Port	433	
	ID		Password		
	Max Connection	1			
SSL					
1	OpenSSL Path	C:\OpenSSL\bin\opens	ssl.exe	Browse	
	Pass Phrase	******	Change		
		,			

#### Instruction: Restore

Before restore a database, You Must stop the Server in **BioStar Server Config**. Once you click Red Button, Status will change to Stopped.

- 1) Click 'Database' and right-click on 'BioStar' folder
- 2) Click 'Delete'



### 3) Right-click on 'Databases' and click 'Restore Databases'

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	5QL Server 9.0.3042 - GBS\GBS-:			
<ul> <li>■ Databases</li> <li>■ System</li> <li>■ Security</li> </ul>	New Database	Databases		
	Attach	GBS\BSSERVER\Database		
🕀 🧰 Server Obje	Restore Database			
E Carlor Replication	Restore Files and Filegroups	Name		
DOI:020202 8992 000	Refresh	🚞 System Databases		

- 4) Type database name in the **'To databases'**
- 5) Select **'From Device'** and click **' '** to open **'Specify Backup'** window
- 6) Click **'Add'** and locate a database file on your computer.
- 7) Click **'OK'** to open a database file

🧻 Restore Database - BioSta	ır 🗖 🗖 🔀
Select a page	Script 🔻 🎼 Help
Poptions	Destination for restore Select or type the name of a new or existing database for your restore operation. To database: BioStar To a point in time: Most recent possible Source for restore Specify the source and location of backup sets to restore. From database: From device: Specify Backup Specify Backup
Connection Server: GBS\BSSERVER Connection: GBS\GBS-SYSTEM View connection properties Progress Ready Ready	Specify the backup media and its location for your restore operation. Backup media: Backup location: Add Remove Contents
	OK Cancel Help

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- 8) After you add a database, check the checkbox of 'Restore'
- 9) Click 'OK' to restore a database

🥫 Restore Database - BioSt	ar							
Select a page	🔄 Script 🝷 🚯 Help							
II General II Options	Destination fo		or existing	) database for j	your rest	ore operation.		
	To database: BioStar							
	To a point in time: Most recent possible				possible			
	Source for res	store						
	Specify the source and location of backup sets to restore.							
	42.5	atabase:					~	
				ogram Files\Microsoft SQL Server\MSSQL.1\MSSG				
	Select the backup sets to restore: Restore Name		Component	Туре	Server	Database		
Connection		BioStar-Full Database	Backup	Database	Full	GBS\BSSERVER	BioStar	
Server: GBS\BSSERVER Connection: GBS\GBS-SYSTEM View connection properties Progress Ready								
has?	<	]					>	
						ОК	Cancel	

\*Note: If you restored previous version of BioStar database, you need to Run DBSetup.exe file by

following to upgrade the database version.

Path C:\Program Files\BioStar\server