# EMS Database Backup & Recovery

Download and install 'Microsoft SQL Server Management Studio Express 2008' (Please see another doc)

#### EMS Database Backup

1- Log into Management Studio Express.

J Connect to Server	×			
SQL S	<b>Server</b> "2008 R2			
Server type:	Database Engine 🔹			
Server name:	POK1-500890 -			
Authentication:	Windows Authentication			
User name:	APAC\akumar2			
Password:				
	Remember password			
Connect	Cancel Help Options >>			

**2-** Expand Database  $\rightarrow$  Right Click on the name of your database (EMS in our case)  $\rightarrow$  Task  $\rightarrow$  Back Up.



3_	Rack	Type	should	he	selected	26	"Full"_>	Click	OK
5-	Dack	Type	siloulu	De	selecteu	as	run ->	CIICK	OR

间 Back Up Database - EMSDB					
Select a page General Options	Script V 📑 Help				
	Source				
	Database:		EMSDB		•
	Recovery model:		SIMPLE		
	Backup type:		Full		•
	Copy-only Backup				
	Backup component:				
	Oatabase				
	Files and filegroups:				
	Backup set				
	Name:	EMSDB-Full Da	atabase Backup		
	Description:				
	Backup set will expire:				
Connection	After:	0	* *	days	
Server:	On:	11/ 8/2013			
POK1-500890	Destination	D: I		. <b>т</b>	
Connection: APAC\akumar2	Back up to:	Disk	0	) lape	
View connection properties	c:\Program Files\Microsoft SQL S	erver\MSSQL10_	50.MSSQLSER	/ER\MSSG	Add
					Pomovo
Progress					Nelliove
Ready	<			4	Contents
				ОК	Cancel

4-It will display below message if success.

Microsoft	SQL Server Management Studio
i	The backup of database 'EMSDB' completed successfully.
E)	ОК

Backup file "EMSDB.bak" would be created under the location given on above windows.

#### **EMS Database Recovery**

1. On the system where you want to restore the backed-up EMS Database.

Launch 'Microsoft SQL Server Management Studio Express.'

🛃 Connect to Server						
SQL Server 2008 R2						
Server type:	Database Engine 💌					
Server name:	POK1-500890 -					
Authentication:	Windows Authentication					
User name:	APAC\akumar2					
Password:						
	Remember password					
Connect	Cancel Help Options >>					

2. Select Database-> Restore Database



3.Specify the name of new databases. Select "From device" radio button and browse backup file "EMSDB.bak".

Restore Database - EMSDB							
Select a page	Script 🔻 🚺 Help						
Options	Destination for restore						
	Select or type the name of a new	v or existing database for your restore operation.					
	To database:	EMSDB	-				
	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:						
	Select the backup sets to restore:						
	Restore Name Component	t Type Server Database Position First LSN	V Last LS				
Connection							
Server: POK1-500890							
Connection: APAC\akumar2							
View connection properties							
Progress							
Ready	۲ [III]		۲				
		ОК	Cancel				

#### 4.Add the database backup

📼 Specify Backup		×
Specify the backup media and its loc	ation for your restore operation.	
Backup media:	File	
Backup location:		
C:\Program Files\Microsoft SQL Serv	rer\MSSQL10_50.MSSQLSERVER\MSSQ	Add
		Remove
		Contents
•	•	
	OK Cancel	Help

Click "Ok"

5. Select the 'backup sets' to restore.

🔋 Restore Database - EMSDB	1-1- <b>##</b> 14						
Select a page	Script 🔻 🚺 Help						
Philons Options	Destination for restore						
	Select or type the name	of a new or existing o	latabase for yo	ur reston	e operation.		
	To database: EMSDB				•		
	To a point in time: Most recent possible						
	Source for restore						
	Specify the source and lo	ocation of backup se	ts to restore.				
	From database:						
	From device: C:\Program Files\Microsoft SQL Server\MSSQL10_5						
	Select the backup sets to	o restore:	Comment	T	Conver	Detabase	
	EMSDB-Ful	Database Backup	Database	Full	POK1-500890	EMSDB	
Connection							
Server: POK1-500890							
Connection:							
APAC\akumar2							
View connection properties							
Progress							
Ready							
4254	< [					۲	
				Г	ок	Cancel	

### Click "Ok"

6. Your database has been restored now.

Microsoft	Microsoft SQL Server Management Studio				
1	The restore of database 'EMSDB' completed successfully.				
Ē	ОК	כ			

## Point to Remember

You might encounter the following 'error message' while performing the 'Database Restore' operation.



#### Reason: 'EMSService' is running

<u>Resolution:</u>Stop the 'EMS service and then perform the 'Database Restore' Operation.

Once the Database has been restored you may start the 'EMS service.

\*The End\*