



BACKUP / RESTORE DATABASE

Your accounts database can be backed up and restored either using the utility provided within ASCFA itself or through the SQL Enterprise Manager

Backup Restore – from within ASCFA

A new menu option has been provided in the ASCFA package for the users to backup and restore the database if required.

Before using the backup option, kindly update the backup folder / path in the group setup.

Set-up Parameters for a set-up Parameters for a set-up Parameters for a set of the se	r Entry Modules / Reports	
Group Name * ARC CompSoft P. Ltd. Address Line 1 407 D S Trade Center, Vidhyavihar West, Mumbai 400086 2 2510 5100		
✓ Print Company Name ✓ Print Rundate on Ea ✓ Print Page Number of	e / Report Header on Each Page ch Page on Each Page	Sequence Type Account Item
Show Transactions for 0 Days (0-365)	Maintain Log for Deleted Records	laintain Log for Days 90
SMS From Cell No. 9867711440		
Backup Path		<u>S</u> ave <u>D</u> efaults
Note : You can select only is installed.	the drives / folders of the server on wh	ich SQL

Once the backup folder details are updated, you can use the Backup database option.





- As such you can backup the database even when users are logged in, how ever it is always prudent to backup the database when other users are not logged in.
- This utility is accessible by users who are equivalent to 'Supervisor' only
- If you are using a 'Viewer' version then the Backup option is not available



Restore database



Restore Database		
SQL SERVER	Database AscfaACPL	
Select backup file		
Note : You need to copy the backup file on any folder on the server on which SQL is installed before the restore operation.		

- For restoring the database you have to copy the backup file to the same system on which the SQL server is installed.
- The SQL server name and the database name are displayed for information purpose only and cannot be changed
- If any other users are logged in, the restore button will be disabled.



Back Restore data – FROM SQL

Unlike a DOS based application where in your data is stored in number of individual files, with Windows + RDBMS application your entire set of data is stored in one single database file.

This makes it easier for you to back up your data as and when required. Another advantage is that you can take the back up even when the users are working on the package.

With SQL Server you have an option of taking the back ups manually as and when required or automating this process so the backups are taken at pre-determine time intervals.

For either of these modes, it is necessary that MS SQL Enterprise manager should have been loaded on the system.

Manual Backup Automatic Backup Restore

Manual Back up:

Click on start \rightarrow Programs \rightarrow Microsoft SQL Server \rightarrow Enterprise Manager. Expand Console Root by clicking on the "+" sign in the left pane.

















Till you are able to see your database. The database name starts with "ASCFA" and is suffixed with the company name. For example the database name for ARC would be "ASCFAARC" and for Terminal Technologies would be "ASCFATT".

Right click on the database name,





Click on "All tasks",



Click on "Backup database..."





The following SQL Server back up window will open up

SQL Server Backup - AscfaARC				
General Op	otions			1
B D	atabase:	AscfaARC		•
N	ame:	AscfaARC backu	ip	
D	escription:			
Backup -	hase - complete			
C Data	base - differential			
C Tran	saction log			
C File a	and filegroup:			
Destination	Backup to:	C Tape	🖲 Disk	
				Add
				Remove
				Contents
Overwrite	6 A			
	 Append to m Overwrite ex 	isting media		
Schedule				
	Schedule:			
		ок	Cancel	Help

Click on **Add** button and the Select Back up Destination window opens up. Enter the back up file name with the full folder name with an extension .dbb as shown below

Select Backup Destination		
	Select the file name or backup device to use for the backup operation. Backup devices can be created for files that you use frequently.	
 File na 		
Backup device:		
	OK Cancel	

And click on OK. Click on OK again in the SQL Server Back up window

And you would see the progress of the back up as shown below



Once the Back up is done you will see the confirmation to that affect.

SQL Server Enterprise Manager		
(į)	The backup operation has been completed successfully.	
	OK	

The file with an extension .dbb will be created in the folder you have specified. Be sure to copy this file on to another computer or another media for additional safety.





Automatic Back up:

You can define a scheduled back up to be executed at pre-determined time interval.

Click on Start \rightarrow Programs \rightarrow Microsoft SQL Server \rightarrow Enterprise Manager. Expand console Root by clicking on the "+" sign in the left pane.)



Right click on Database Maintenance Plan





Select New Maintenance Plan

🚡 SQL Server Enterprise Manager - [C	onsole Root\Microsoft SQL Servers]	
Tile Action View Tools Window H	Help	<u>_8×</u>
← → 🛍 📧 🚰 🔂 😼 😤		
Console Root	Microsoft SQL Servers 1 Item	
Microsoft SQL Servers		
SERVER CDATA (Windows NT)		
E SERVER SQLSERVER (Windows	Group	
Databases Data Transformation Service		
- Management		
E-Backup		
E- Current Activity		
Database Maintenance	nance Plan	
GQL Serve Maintenance	e Plan History	
Security New Windo	w from Here	
Support Servi Meta Data Se Refresh		
WEB (Windows N Help		
<		

Click on _____



Check your database out of the list shown, click on a



Click on





Ensure that backup the database is checked and verify integrity is also checked and the Disk option is selected as shown below







Click on Change, select daily ad select the time and click on OK

Edit Recurring Job Schedule		
Job name: (New Job) Coccurs Cally C Baily C Weekly C Monthly C Monthly C New Job C New Job C Daily C Monthly C Monthly C New Job C Daily C Monthly C Monthly C Monthly C Monthly C Monthly C New Job C Monthly C Monthly		
Daily frequency Image: Concurs once at: 2:00:00 AM Image: Concurs every: 1 Image: Conconconcurs every:		
Duration Start date: 29/06/06 C End date: 29/06/06 C No end date		
OK Cancel Help		

Database Maintenance Plan Wizard - SERVER\SQLSERVER		
Specify the Database Backup Plan Specify the database backup plan to prevent data loss due to system failure.		
Back up the database as part of the maintenance plan Verify the integrity of the backup when complete		
Location to store the backup file:		
C Tape:		
 Disk Sabadular 		
Occurs every 1 day(s), at 2:00:00 AM.		
< Back Next > Cancel Help		
Click on Next		

Select Use this Directory and Enter the Directory name where you want to place the back up. Change the back up file extension to dbb and click on next

Database Maintenance Plan Wizard - SERVER\SQLSERVER X Specify Backup Disk Directory Specify the directory in which to store the backup file. Image: Comparison of the backup file.
Directory in which to store the backup file: C Use the default backup directory Use this directory: EASOLBACKUPS Create a subdirectory for each database Remove files older than: Backup file extension: DBB
<back next=""> Cancel Help Click on</back>

Pg #

Database Maintenance Plan Wizard - SERVER\SQLSERVER
Specify the Transaction Log Backup Plan Specify the transaction log backup plan to prevent failures and operator errors.
Back up the transaction log as part of the maintenance plan Verify the integrity of the backup when complete
Location to store the backup file:
O Tape:
🕫 Disk
Schedule:
There are no operations to schedule.
< Back Next > Cancel Help



Database Maintenance Plan Wizard - SERVER\SQLSERVER		
Reports to Generate Specify the directory in which to store the repo plan.	rts generated by the maintenance	
Write report to a text file in directory:	e:\sqldata\MSSQL\$SQLSERVER	
Delete text report files older than:	4 Veek(s)	
Send e-mail report to operator:	· · · ·	
	New Operator	
< Back	Vext > Cancel Help	

Click on Next

Database Maintenance Plan Wizard - SERVER\SQLSERVER			
Maintenance Plan History Specify how you want to store the maintenance plan records.			
Local server IV Write history to the madb.dbo.sysc IV Limit rows in the table to:	dbmaintplan_history table on this server		
Remote server			
Limit rows in the table to:	10000 arrows for this plan Next > Cancel Help		

You can change the plan name to some understandable description and click

Finish





Once you have executed this properly your data base back up plan should appear on the right hand pane of the Enterprise Manager as shown below



In case of automated backup maintenance plan created as shown above , the file name will be suffixed with the date & time and with extension .dbb

E.g., in the above case the backup file on 26.06.06 will have the name ASCFAARC_db_200606261400.dbb as it is being taken at 2 PM.



Restore Database

Restoration of data is pretty simple.

Click on start → Programs → Microsoft SQL Server → Enterprise Manager. Expand Console Root by clicking on the "+" sign in the left pane , till your database is visible.



Right click on the database name

🚡 SQL Server Enterprise Manager	
File Action View Tools Window Help	
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🚡 Console Root\Microsoft SQL Servers\SQL Serv	ver Group\SERVER\CDATA (Windows NT)\Databases\AscfaAR
Console Root AscfaARC	11 Items
i ∰ Microsoft SQL Servers ⊡ · ∰ SQL Server Group	🔲 60° 🖾 🍺 🕵
E-D SERVER\CDATA (Windows N Diagrams	s Tables Views Stored Users Role: Procedures
ASCFAAG AscfaADC New Database	
	-
Ascfa All Tasks	Import Data
Ascfa View ►	Export Data
🗊 🗓 Ascfa 🛛 New Window from Here	Maintenance Plan
Ascfa	Generate SQL Script
	Backup Database
ASCF Export List	Restore Database
Ascfa Properties	Shrink Database
⊞- 🚺 Ascfa Help	Detach Database Take Offline
AscfagLC ASCFAJK (Suspect)C	Conv Subscription Database
	View Replication Conflicts
AscfaLovExp (Suspe	
AscfaMCC	



Click on Restore Database....

🚡 SQL Server Enterprise Manager					
File Action View Tools Window Help					
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Console Root\Microsoft SQL Servers	s\SQL Server Group\SER	VER\CDATA (Windows NT)	\Databases\A	scfaAR
Console Root	AscfaARC 11 Items				
E - I Microsoft SQL Servers		6 6	7		3
SERVER\CDATA (Windows N Databases	Diagrams Tables	Views	Stored Procedures	Users	Role:
ASCEARG ASCEARC ASCE New Database.					
Ascfa New	•				
ascfa	Import Data				
⊕-U Ascfa View ⊕-U Ascfa New Window fr	rom Here Maintenance F	lan	_		
E Ascra Delete	Generate SQL	Script	_		
E- ASCF Export List	Restore Datab	ase			
⊕ Q Ascfa ⊕ Q Ascfa	Shrink Databa Detach Datab	se			
⊞- <mark>I</mark> Ascfa Help ⊞- <mark>I</mark> AscfaGLC	Take Offline				
	Copy Subscrip	tion Database			
AscfaLovExp (Suspered AscfaLovExp (Suspered AscfaLovImp (Suspered AscfaMCC					

The restore database window opens as under

Restore database				
General Options				
Restore as database:	AscfaARC			•
Restore: 🕫 Database	C File	egroups or files	C From d	evice
Parameters				
Show backups of database:	AscfaARC			•
First backup to restore:	29/06/06 6	:52:51 PM - Ascf	aARC backup	-
Point in time restore:				
Restore Type Backup Set	Date Size	Restore From	Backup Set Nar	ne
29/06/06 6	:52: 54	E:\SQLBAC	AscfaARC back	up
<				>
			Pr	operties
		ОК	Cancel	Help

Displaying the backup sessions that have been taken earlier. Select the last backup session and click OK

The restore process starts and progress as under

Restore Progress		×
SQL	Server is currently in the process of restoring the up set	
Restoring: 29/06/06 6:52:51 PM - AscfaARC backup		
Progress:		
	Stop	

Once restore is complete, you get a confirmation as under

SQL Ser	ver Enterprise Manager 🛛 🔀	
(į)	Restore of database 'AscfaARC' completed successfully.	
	OK	

Please note our new numbers - 2510 5100 (hunting) / 5102 / 5109 Fax - 2510 5252 Cell - 9867711440